

APPENDIX C

Air Quality Report



Air Quality Analysis for the
Otay Mesa Community
Plan Update,
City of San Diego
Project No. 30330/304032
SCH No. 2004651076

Prepared for
City of San Diego
Development Services Department
1222 First Avenue
San Diego, CA 92101
Contact: Theresa Millette

Prepared by
RECON Environmental, Inc.
1927 Fifth Avenue
San Diego, CA 92101-2358
P 619.308.9333 F 619.308.9334
RECON Number 3957-1
August 29, 2013

A handwritten signature in black ink, reading "Bill A. Maddux".

Bill Maddux, Senior Air Quality Specialist

THIS PAGE IS INTENTIONALLY BLANK.

TABLE OF CONTENTS

Acronyms	iii
1.0 Summary	1
2.0 Introduction and Project Description	3
2.1 Project Description	3
2.2 Development Summary	5
3.0 Regulatory Framework	12
3.1 Federal Regulations	13
3.2 State Regulations	20
3.3 State Implementation Plan	24
3.4 The California Environmental Quality Act	25
3.5 Regional Air Quality Strategy	25
4.0 Environmental Setting	26
4.1 Geographic Setting	26
4.2 Climate	26
4.3 Existing Air Quality	27
5.0 Thresholds of Significance	34
5.1 CEQA Guidelines	34
5.2 Public Nuisance Law (Odors)	34
5.3 San Diego Air Pollution Control District	35
5.4 Evaluation of Air Toxic Emissions	36
6.0 Criteria Pollutant Air Quality Assessment	37
6.1 Construction-related Air Quality Effects	37
6.2 Operation-related Emissions	41
7.0 Health Risk Assessment	44
7.1 Health Risk Assessment Process	46
7.2 Vehicular Diesel Emissions	54
8.0 Conformance with Regional Plans and City Criteria	69
9.0 Conclusions and Recommendations	76
10.0 References Cited	78

TABLE OF CONTENTS (cont.)

FIGURES

1:	Regional Location of Otay Mesa Community Plan Area	5
2:	Aerial Photograph of CPU Area and Vicinity	7
3:	Adopted Otay Mesa Community Plan Land Use Map	9
4:	CPU Land Uses	13
5:	Receptor Grid and Modeled Roadway Segment	57
6:	Meteorological Data Stations	59
7:	Surface Wind Rose for Lindbergh Field 2006 to 2010	60
8:	Census Blocks and Modeled Roadways	63
9:	Adopted Community Plan Incremental Cancer Risk for Existing Uses	65
10:	Community Plan Update Incremental Cancer Risk for Proposed Land Uses	67
11:	Maximum Exposed Individual Community Plan Update	71

TABLES

1:	Otay Mesa Land Use Distribution	11
2:	Ambient Air Quality Standards	16
3:	Ambient Air Quality Summary—San Diego Air Basin	28
4:	Summary of Air Quality Measurements Recorded at the Otay Mesa Monitoring Stations	30
5:	Air Quality Impact Screening Trigger levels	36
6:	Sample Daily Construction Emissions	39
7:	Existing and Future Modeled Land Uses	41
8:	Average Daily Operational Emissions to the San Diego Air Basin	42
9:	Maximum and Buildout Concentrations	44
10:	CARB Land Use Siting Constraints	46
11:	Diesel Particulate Matter Risk Data	47
12:	Point Estimates for Daily Breathing Rate for 9-, 30-, and 70-Year Exposure Durations (DBR)	52
13:	Adjustment Factors to Convert Inhalation-Based Cancer Risk Estimates for a Residential Receiver to a Worker Receiver	53

ATTACHMENTS

1:	CalEEMod Output Files
2:	EMFAC2011 Emissions Data Sheets
3:	AERMOD Data Sheets

Acronyms

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
AAQS	Ambient air quality standards
AASHTO	America Association of Highway and Transportation
AB	Assembly Bill
ADT	average daily traffic
ATCM	airborne toxic control measure
AQIP	Air Quality Improvement Program
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CASAC	Clean Air Scientific Advisory Committee
CARB	California Air Resources Board
CCR	California Code Regulation
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CO	carbon monoxide
CPU	Community Plan Update
CPV	cancer potency values
DBR	Daily breathing rate
DERA	Diesel Emission Reduction Act
DPM	diesel-exhaust particulate matter
EI	Expansion Index
FR	Federal Register
I-5	Interstate 5
ISC	Industrial Source Complex
LDC	Land Development Code
LOS	level of service
MCAS	Marine Corps Air Station
MEI	maximally exposed individual
MEIR	maximally exposed individual resident
MEIW	maximally exposed individual worker
mgd	million gallons per day
mg/kg-d	milligrams of dose per kilogram of body weight each day
MSL	mean sea level
NAAQS	national ambient air quality standards
NO ₂	nitrogen dioxide
NWS	National Weather Service
° ₃	ozone
OEHHA	Office of Environmental Health Hazard Assessment
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
POE	Port of Entry
ppb	parts per billion
pphm	parts per hundred million
ppm	parts per million
RAQS	Regional Air Quality Strategy
REL	Reference Exposure Level

Air Quality Analysis for the Otay Mesa Community Plan Update

ROG	reactive organic gas
SANDAG	San Diego Association of Governments
SB	Senate Bill
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
SR	State Route
TAC	toxic air contaminant
TCM	Transportation Control Measures
USC	United States Code
U.S. EPA	United States Environmental Protection Agency
VOC	volatile organic compound

1.0 Summary

This report evaluates potential local and regional air quality impacts associated with the Otay Mesa Community Plan Update (CPU). The Otay Mesa community planning area is located in the southern portion of the City of San Diego. This report evaluates potential local and regional air quality impacts by comparing the existing air pollutant emissions in Otay Mesa to the future emissions associated with the proposed land use plan for the CPU. This report also evaluates potential carbon monoxide (CO) hotspots associated with three intersections in the Otay Mesa community.

1.1 Consistency with Regional Plans

The San Diego Air Basin (SDAB) is a federal and state nonattainment area for ozone, and ozone is addressed in the Regional Air Quality Strategy (RAQS). Because the growth projections are based on the adopted community plan land uses, and because the CPU would result in less emissions than the adopted community plan, it can be concluded that these emissions were accounted for in the development of the RAQS, and the CPU would be consistent with the RAQS. Therefore, the CPU land use changes would be consistent with the adopted air quality plans.

1.2 Criteria Pollutants

Total future emissions under the adopted community plan and CPU are projected to be greater than existing emissions. This is due to the increase in development associated with buildout of the various plans. Total future emissions under the adopted community plan are projected to be greater than total emissions under the CPU for all pollutants. This is due to the decrease in development intensity under the CPU when compared to the adopted community plan. 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 CPU area cannot be adequately quantified, this impact would be significant. Implantation of the mitigation framework identified in Section 9.0 would reduce these impacts, but not to a level less than significant.

1.3 CO Hotspots

The hot spot analysis indicates that the increases of CO due to the CPU 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 either the adopted community plan or the CPU.

1.4 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.

1.5 Stationary Sources

The CPU 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 9.0 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.

1.6 Collocation

There are several areas where residential and other sensitive uses would be placed adjacent to industrial and commercial uses. The CARB and APCD provide guidance on siting land uses to avoid health risks and avoid nuisances. Sensitive receptors located within the buffer distances of the facilities indicated below would be exposed to toxic air emissions. Implementation of the mitigation outlined in Section 9.0 below would ensure that risks would be reduced to a level less than significant.

1.7 Odors

The CPU does not propose any specific new sources of odor that could affect sensitive receptors. Impacts associated with odors are anticipated to be less than significant.

2.0 Introduction and Project Description

The CPU would update the adopted 1981 Otay Mesa Community Plan. The purpose of this report is to assess potential short- and long-term local and regional air quality impacts resulting from the CPU.

Air pollution affects all southern Californians. Effects can include the following:

- Increased respiratory infections
- Increased discomfort
- Missed days from work and school
- Increased mortality

Polluted air also damages agriculture and our natural environment.

The CPU area is located within the SDAB, one of 15 air basins that geographically divide the state of California. The SDAB is currently classified as a federal non-attainment area for ozone and a state non-attainment area for particulate matter less than 10 microns (PM_{10}), particulate matter less than 2.5 microns ($PM_{2.5}$), and ozone.

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 resulting from growth-inducing development or local hot-spot effects stemming from sensitive receivers being placed close to highly congested roadways.

The analysis of impacts is based on state and federal ambient air quality standards and is assessed in accordance with the guidelines, policies, and standards established by the City of San Diego and the San Diego Air Pollution Control District (SDAPCD). Project compatibility with the adopted air quality plan for the area is also assessed. Measures are recommended, as required, to reduce potentially significant impacts.

2.1 Project Description

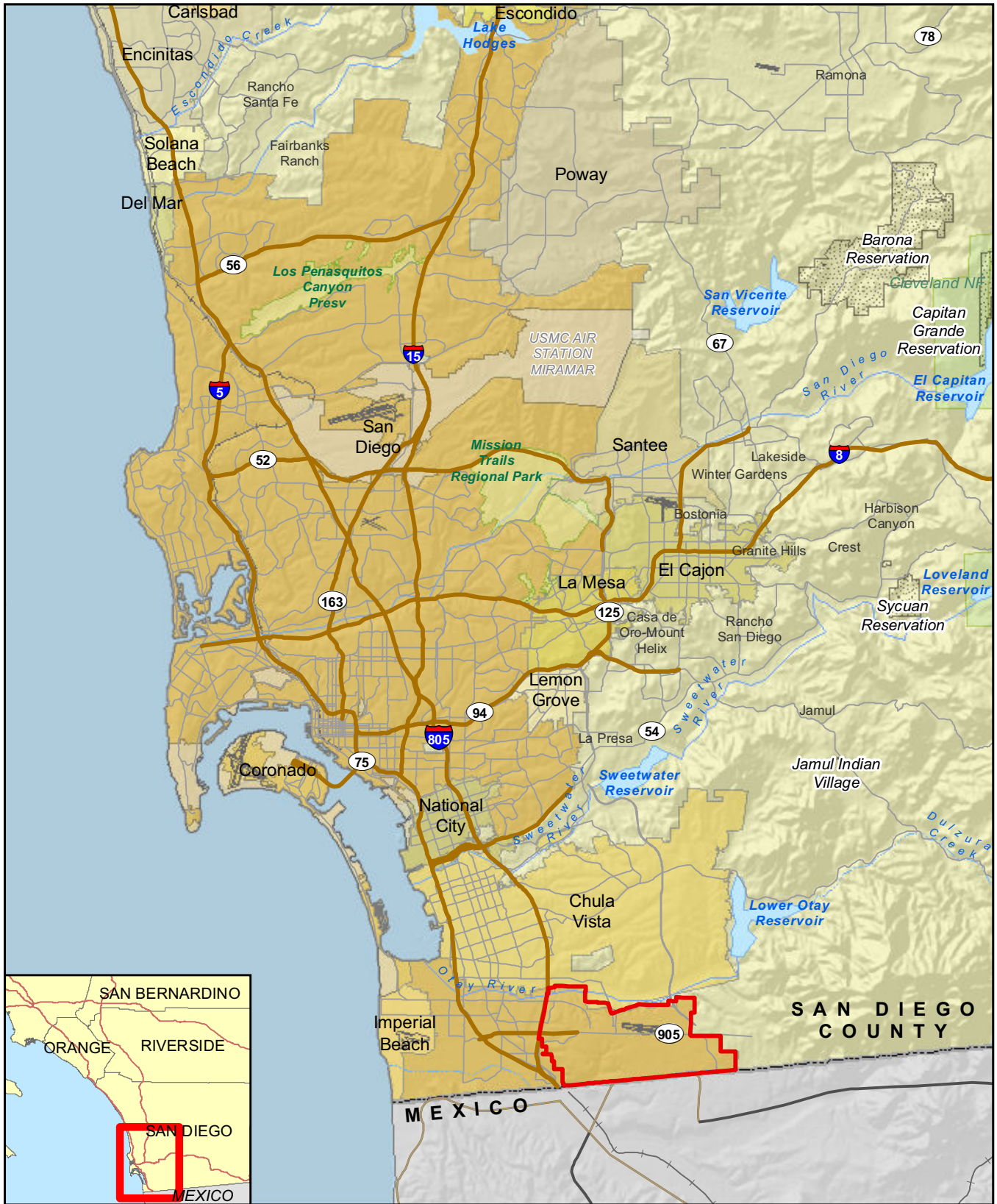
The CPU is an update to the adopted 1981 Otay Mesa Community Plan. The CPU provides goals and policies for future development within the project area. Approval of the CPU amends the General Plan. The concurrent Rezone would rescind the Otay Mesa Development District and update zoning regulations within the CPU area. Amendments to the Land Development Code (LDC) also would be required to create

implementing zones for proposed commercial and industrial land use designations under the CPU.

Approval of the CPU would establish land use designations and policies to guide future development consistent with the City's General Plan (2008). The CPU expresses the General Plan policies through the provision of more site-specific recommendations.

The CPU includes nine elements based on those promulgated in the City's General Plan, with goals and policies for each. The nine elements are: Land Use; Mobility; Urban Design; Economic Prosperity; Public Facilities, Services, and Safety; Recreation; Conservation; Noise; and Historic Preservation. Procedures for implementation of the goals and policies are also set forth.

Figure 1 shows the regional location of the CPU area. Figure 2 shows an aerial photograph of the CPU area and vicinity. Figure 3 shows the adopted land uses within the CPU area. The CPU area is bounded by the City of Chula Vista (north), I-805 (west), International Border (south), and unincorporated San Diego County (east).



M:\JOBS2\3957-1\common_gis\fig1_2012.mxd 1/22/2013 sab





Otoy Mesa Community Plan Boundary



FIGURE 1
Regional Location of
Otoy Mesa Community Plan Area

THIS PAGE IS INTENTIONALLY BLANK.



M:\JOBS2\13957-1\common_gis\2012\fig2_air.mxd 8/30/2013 fmm

 Otay Mesa Community Plan Boundary
 Not A Part

Air Quality Monitoring Station
 Donovan
 Otay Mesa-Paseo International

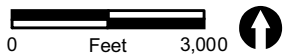
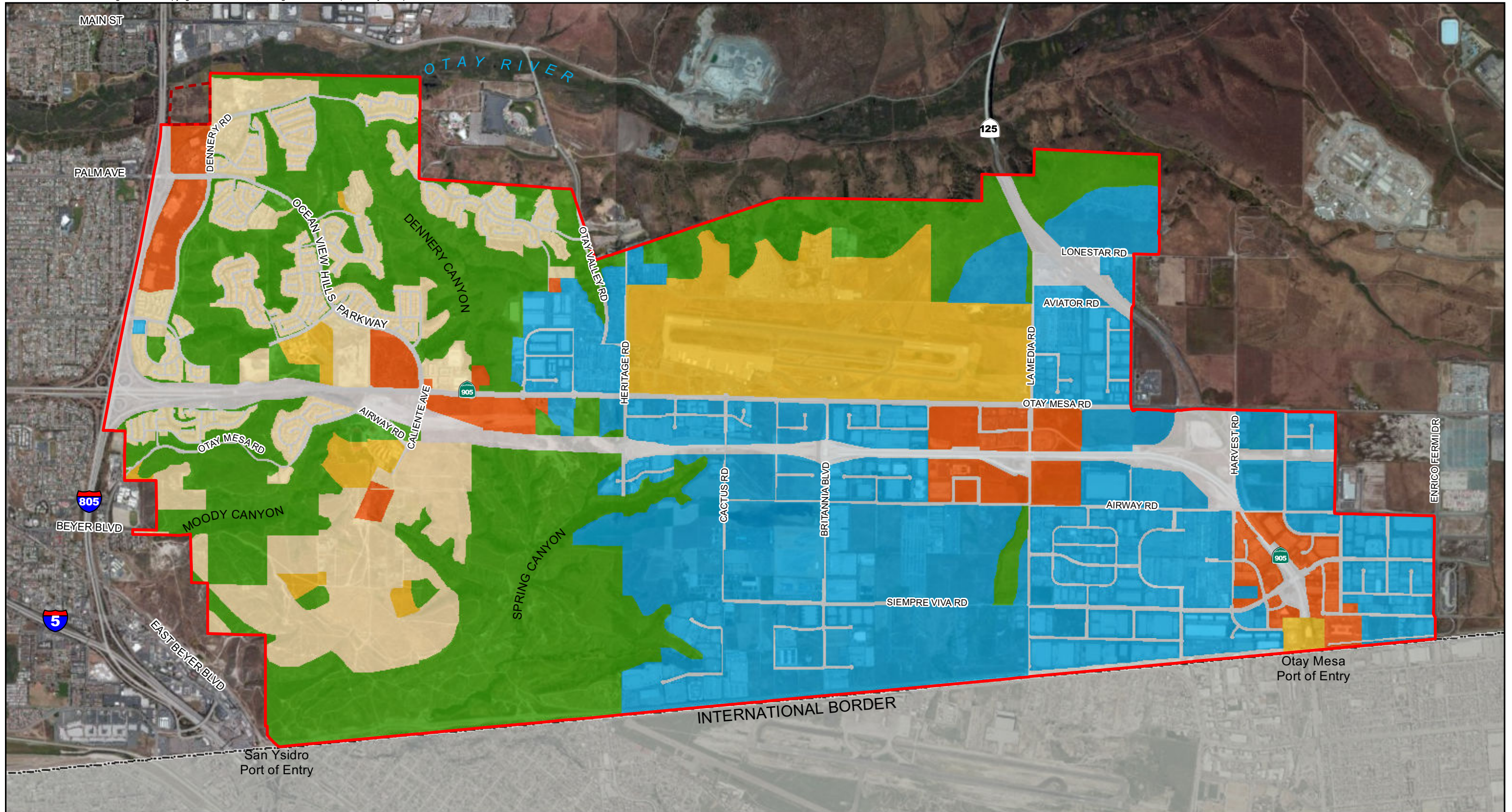


FIGURE 2
Aerial Photograph of CPU Area and Vicinity

THIS PAGE IS INTENTIONALLY BLANK.



M:\JOBS2\13957-1\common_gis\2012\fig3_air.mxd 8/30/2013 fmm

Otay Mesa Community Plan Boundary
 Not A Part

General Plan Land Use (2008)

Commercial Employment, Retail, & Services
 Industrial Employment

Institutional & Public and Semi-Public Facilities
 Park, Open Space, & Recreation
 Residential
 Roads / Freeways / Transportation

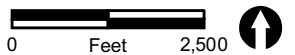


FIGURE 3
Adopted Otay Mesa Community Plan Land Use Map

THIS PAGE IS INTENTIONALLY BLANK.

2.2 Development Summary

The CPU encompasses a broad range of the land use designations defined in the General Plan and contains a more detailed description and distribution of land uses than the citywide General Plan. Land uses include residential with a variety of density ranges, village centers, commercial, industrial, open space, parks, and institutional. The existing adopted community plan and CPU land use distributions are summarized in Table 1. Figure 4 shows the CPU land uses.

**TABLE 1
OTAY MESA LAND USE DISTRIBUTION**

Land Use	Adopted Community Plan	CPU
Open Space	2,570 acres	2,748 acres
Residential	1,269 acres/12,400 du	757 acres/7,648 du
Commercial	452 acres	316 acres
Village Area		
Residential	0 acres	695 acres/11,126 du
Mixed Use	0 acres	30 acres
Industrial	2,839 acres	2,426 acres
Institutional	1,027 acres	1,165 acres
Parks	64 acres	161 acres
Right-of-Way	1,098 acres	1,021 acres
TOTAL	9,319 acres/12,400 du	9,319 acres/18,774 du

du = dwelling units

Five districts interconnected through activities and infrastructure would help to organize and form the community of Otay Mesa. The districts include:

- Northwest District, which generally is comprised of the existing development in the northwestern portion of Otay Mesa and which comprises the seven Precise Plan area neighborhoods: California Terraces, Dennery Ranch, Hidden Trails, Remington Hills, Riviera del Sol, Robinhood Ridge, and Santee Investments.
- Southwest District, which includes the area south of State Route 905 (SR-905) and west of Spring Canyon. This district would be primarily residential in nature, with a core mixed-use center including civic, and neighborhood-serving commercial uses and services.
- Central District, which generally is the land along the Airway Road corridor. The Central District would be comprised of three primary land uses: Central Village, Grand Park, and Education Complex.
- Airport District, which generally is Brown Field and industrial land surrounding the airport.

- South District, which includes the existing port of entry (POE) and the uses that are intended to support the international business and trade uses that are necessary for the movement of goods across the border.

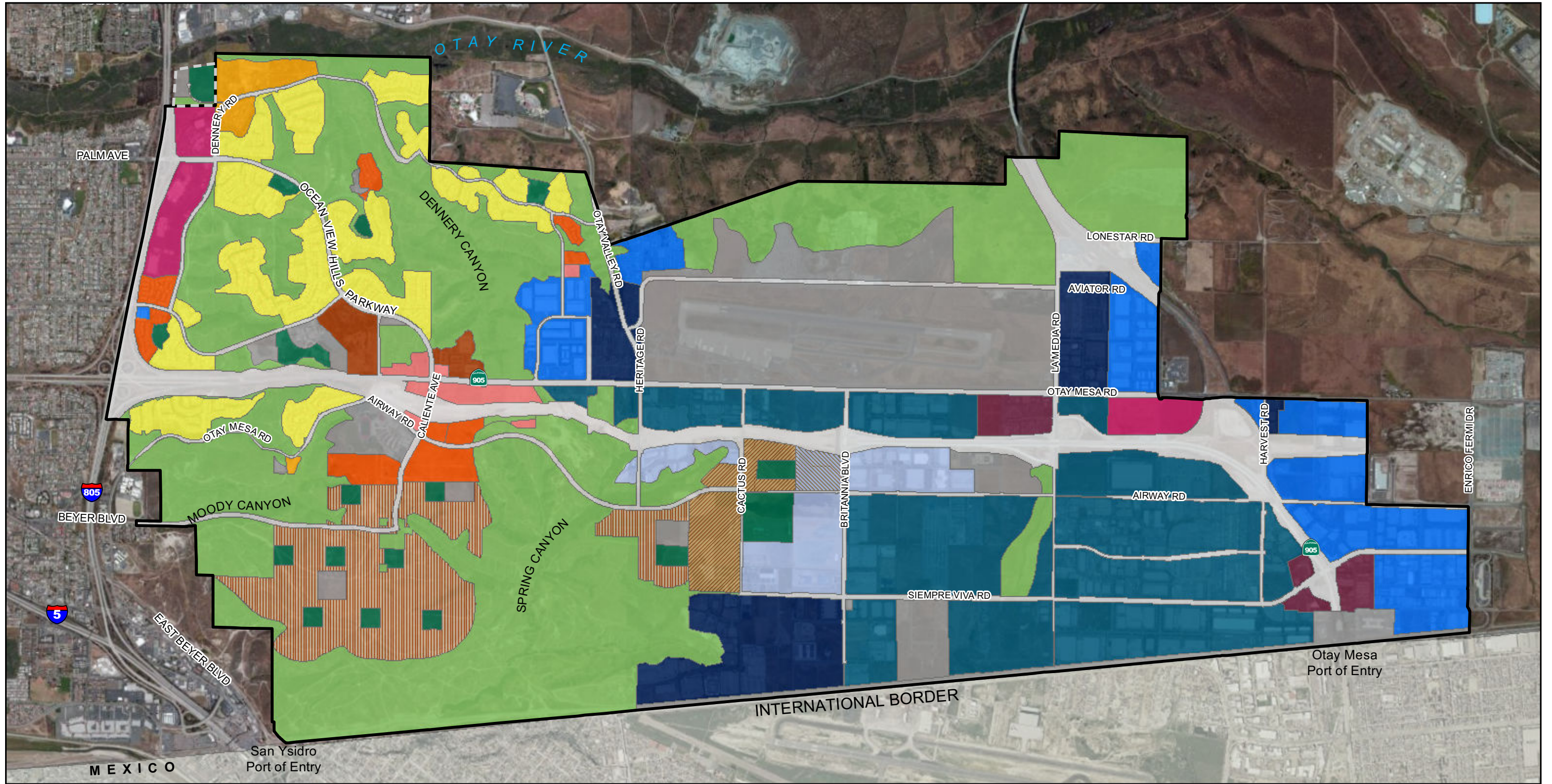
3.0 Regulatory Framework

Motor vehicles are San Diego County's leading source of air pollution and the largest contributor to greenhouse gases (County of San Diego 2008). In addition to these sources, other mobile sources include construction equipment, trains, and airplanes. Emission standards for mobile sources are established by state and federal agencies, such as the California Air Resources Board (CARB) and the United States Environmental Protection Agency (U.S. EPA). Reducing mobile source emissions requires the technological improvement of existing mobile sources and the examination of future mobile sources, such as those associated with new or modification projects (e.g., retrofitting older vehicles with cleaner emission technologies). The state of California has developed statewide programs to encourage cleaner cars and cleaner fuels. Since 1996, smog-forming emissions from motor vehicles have been reduced by 15 percent, and the cancer risk from exposure to motor vehicle air toxics has been reduced by 40 percent (County of San Diego 2008). The regulatory framework described below details the federal and state agencies that are in charge of monitoring and controlling mobile source air pollutants and the measures currently being taken to achieve and maintain healthful air quality in the SDAB.

In addition to mobile sources, stationary sources also contribute to air pollution in the SDAB. 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 state of California is divided geographically into 15 air basins for managing the air resources of the state on a regional basis. Areas within each air basin are considered to share the same air masses and, therefore, are expected to have similar ambient air quality.

If an air basin is not in either federal or state attainment for a particular pollutant, the basin is classified as a moderate, serious, severe, or extreme non-attainment area for that pollutant (there is also a marginal classification for federal non-attainment areas). Once a non-attainment area has achieved the air quality standards for a particular pollutant, it may be redesignated to an attainment area for that pollutant. To be redesignated, the area must meet air quality standards and have a 10-year plan for continuing to meet and maintain air quality standards, as well as satisfy other requirements of the Clean Air Act. Areas that are redesignated to attainment are called maintenance areas.



M:\JOBS\213957-1\common_gis\2012\fig4_ghg.mxd 8/29/2013

Otay Mesa Community Plan Boundary
 Not A Part

Proposed Land Use Plan

- Open Space, Parks, Institutional**
- Open Space
 - Parks
 - Institutional
- Village Centers**
- Community Village
 - Neighborhood Village

- Residential**
- Low
 - Low Medium
 - Medium
 - Medium High
- Commercial - Residential Prohibited**
- Community Commercial
 - Regional Commercial
 - Heavy Commercial

- Industrial**
- Business Park - Office Permitted
 - Business and International Trade
 - Light Industrial
 - Heavy Industrial
 - Business Park - Residential Permitted
- Other**
- Right-of-Way

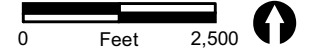


FIGURE 4
Proposed CPU Land Use

THIS PAGE IS INTENTIONALLY BLANK.

3.1 Federal Regulations

Ambient Air Quality Standards (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 (CAA) was enacted in 1970 and amended in 1977 and 1990 [42 United States Code (USC) 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 CAA [42 USC 7409], the U.S. EPA developed primary and secondary national ambient air quality standards (NAAQS).

Six criteria pollutants of primary concern have been designated: ozone (O_3), carbon monoxide, sulfur dioxide (SO_2), nitrogen dioxide (NO_2), lead (Pb), and respirable particulate matter (PM_{10} and $PM_{2.5}$). The primary NAAQS “. . . in the judgment of the Administrator, based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health . . .” and the secondary standards “. . . protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air” [42 USC 7409(b)(2)]. The primary NAAQS were established, with a margin of safety, considering long-term exposure for the most sensitive groups in the general population (i.e., children, senior citizens, and people with breathing difficulties). The NAAQS are presented in Table 2 (State of California 2012a).

Ozone (O_3)

In 1997, the U.S. EPA promulgated a new 8-hour ozone standard of eight parts per hundred million (pphm) to replace the existing 1-hour standard of 12 pphm. On June 15, 2004, that portion of the SDAB containing the project site was designated a “basic” non-attainment area for the 1997 8-hour ozone standard under Subpart 1 of Part D of the CAA. Per the U.S. EPA's final Phase 1 rule for implementing the 1997 8-hour ozone standard, the 1-hour ozone standard was to be revoked “in full, including the associated designations and classifications, one year following the effective date of the designations for the 8-hour NAAQS [for ozone]” (69 Federal Register [FR] 23951). As such, the 1-hour ozone standard was revoked in the SDAB on June 15, 2005. Requirements for transitioning from the 1-hour to 8-hour ozone standard are described in the final rule.

However, because of subsequent litigation concerning the Phase 1 implementation rule, the provisions of the 1997 8-hour ozone standard Phase 1 implementation rule that placed 8-hour ozone non-attainment areas under Subpart 1, Part D, Title I of the CAA instead of Subpart 2 were vacated. Consequently, on January 16, 2009, it was proposed that the SDAB be classified as “moderate” non-attainment for the 1997 8-hour ozone standard under Subpart 2 (U.S. EPA 2009a). Under Subpart 2, consistent with

**TABLE 2
AMBIENT AIR QUALITY STANDARDS**

Pollutant	Averaging Time	California Standards ¹		Federal 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)	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})	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	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) ⁸	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)		53 ppb (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ⁹	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 (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (for certain areas) ⁹	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas) ⁹	–	
Lead ^{10,11}	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) ¹¹	Same as Primary Standard	
	Rolling 3-Month Average	–		0.15 µg/m ³		
Visibility Reducing Particles ¹²	8 Hour	See footnote ¹²	Beta Attenuation and Transmittance through Filter Tape	No Federal 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 ¹⁰	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chroma- tography			

See footnotes on next page.

TABLE 2
AMBIENT AIR QUALITY STANDARDS
(continued)

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

¹California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, particulate matter (PM_{10} , $\text{PM}_{2.5}$, 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.

²National 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 $150 \mu\text{g}/\text{m}^3$ is equal to or less than one. For $\text{PM}_{2.5}$, 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.

³Concentration 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.

⁴Any 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.

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

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

⁷Reference 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.

⁸To 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 standards of 53 ppb and 100 ppb are identical to 0.053 ppm and 0.100 ppm, respectively.

⁹On 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 99th 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.

¹⁰The 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.

¹¹The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard ($1.5 \mu\text{g}/\text{m}^3$ 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.

¹²In 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.

Section 182 of the CAA, the period of attainment for areas designated as moderate non-attainment will be no more than six years from the effective date of designation (U.S. EPA 2009a). Because the effective date of designation for the 1997 8-hour ozone standard was June 15, 2004, attainment of the 1997 8-hour ozone standard for the SDAB was to occur by June 15, 2010. To date this has not occurred.

On March 12, 2008, the U.S. EPA revised the 8-hour ozone standard to 7.5 pphm. On March 12, 2009, CARB submitted its recommendations for area designations for the revised federal 2008 8-hour ozone standard. The recommendations were based on ozone measurements collected during 2006 through 2008. It was recommended that the SDAB be classified as non-attainment for the revised standard. The U.S. EPA was required to issue final area designations no later than March 2010. However, there was insufficient information to make these designations and the U.S. EPA extended the deadline to March 2011. California must then submit a State Implementation Plan (SIP) outlining how the state will meet the 2008 standards by a date that U.S. EPA will establish in a separate rule. That date will be no later than three years after U.S. EPA's final designations. The deadline for attaining the standard may vary based on the severity of the problem in the area.

Criticism of the standards proposed in March 2008 resulted in the reconsideration of those standards by the U.S. EPA. On January 16, 2010, the U.S. EPA again proposed revision of the 8-hour ozone standards. The U.S. EPA proposed to set the primary standard at a level ranging between 6 and 7 pphm. The U.S. EPA also proposed establishing a distinct cumulative, seasonal "secondary" standard, designed to protect sensitive vegetation and ecosystems, including forests, parks, wildlife refuges and wilderness areas. The U.S. EPA proposed to set the secondary standard at a level within the range of 7–15 parts per million-hours (ppm-hours).

The U.S. EPA was to issue final standards by August 31, 2010, but to date this has not occurred. Rather, on December 8, 2010, the U.S. EPA Administrator asked the Clean Air Scientific Advisory Committee (CASAC) for further interpretation of the epidemiological and clinical studies used to make their recommendation. On January 26, 2011, the U.S. EPA provided "charge questions" to the CASAC regarding the reconsideration of the 2008 ozone standards. The U.S. EPA reviewed the additional input CASAC provided and set the final 8-hour ozone standard to 0.070 ppm in July 2011. On September 2, 2011, the U.S. EPA was directed to withdraw the draft ozone NAAQS. Therefore, the U.S. EPA will continue to implement the standards set during the previous administration while the ongoing five-year review of the updated science continues, which is scheduled to be completed in 2013.

The SDAB has recently attained the 1997 ozone standard and CARB is now in the process of filing a petition to the U.S. EPA to redesignate the region.

PM₁₀ and PM_{2.5}

The SDAB is unclassified for the federal PM₁₀ standard and classified as an attainment area for the federal PM_{2.5} standard (State of California 2012). On September 21, 2006, the U.S. EPA revised the NAAQS for particulate matter. The 24-hour PM_{2.5} standard was strengthened from 65 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 35 $\mu\text{g}/\text{m}^3$. The existing standard for annual PM_{2.5} of 15 $\mu\text{g}/\text{m}^3$ remained the same. The SDAB is classified as an attainment area for the new federal 24-hour PM_{2.5} standard (U.S. EPA 2009b).

The U.S. EPA also revised the standard for PM₁₀. Due to a lack of evidence linking health problems to long-term exposure to coarse particle pollution, the agency revoked the annual PM₁₀ standard (effective December 17, 2006), retaining only the existing 24-hour standard.

Sulfur Dioxide (SO₂)

The SDAB is a federal attainment area for sulfur dioxide. On June 2, 2010, the U.S. EPA established a new 1-hour SO₂ standard, effective August 23, 2010. The revised standards are based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The U.S. EPA also revoked both the existing 24-hour SO₂ standard of 0.14 ppm and the annual primary SO₂ standard of 0.030 ppm, effective August 23, 2010. The secondary SO₂ standard was not revised at that time, but is undergoing a separate review by the U.S. EPA. In June 2012, it was recommended that all California counties be designated as attainment for the new standard. Areas designated as attainment are required to submit maintenance plans by June 2013.

Nitrogen Dioxide (NO₂)

All areas of the state, including the SDAB, are either unclassified or in attainment of the federal nitrogen dioxide standards. On January 22, 2010, the U.S. EPA strengthened the 1-hour NO₂ standard to 100 parts per billion (ppb) based on the 3-year average of the 98th percentile of the annual distribution of daily maximum 1-hour average concentrations. The annual NO₂ standard of 53 ppb remained unchanged. In January 2012, the U.S. EPA determined that no area in the country is violating the 2010 standards. To determine compliance with the standard, the new NO₂ rule also establishes a new ambient air monitoring network and reporting requirements. Once the expanded network of NO₂ monitors is fully deployed and three years of air quality data have been collected, U.S. EPA intends to redesignate areas in 2016 or 2017, as appropriate, based on the air quality data from the new monitoring network.

Lead (Lb)

The SDAB is an attainment area for the federal lead standard. In 2008, the EPA revised the primary standard for lead from 1.5 $\mu\text{g}/\text{m}^3$ to 0.15 $\mu\text{g}/\text{m}^3$ over a rolling three-month

period, and revised the secondary standard to be identical to the primary standard. The 1978 lead NAAQS will be retained until one year after designations for the new standards, except in current non-attainment areas. The SDAB is in attainment of the 1978 lead NAAQS. On November 8, 2011, the U.S. EPA provided designations for the revised lead standards. The SDAB is classified as unclassifiable/attainment.

Carbon Monoxide (CO)

The SDAB is a federal maintenance area for CO.

3.2 State Regulations

3.2.1 Criteria Pollutants

The U.S. EPA allows states the option to develop different (stricter) standards. The state of California has developed the California Ambient Air Quality Standards (CAAQS) and generally has set more stringent limits on the criteria pollutants (see Table 2). In addition to the federal criteria pollutants, the CAAQS also specify standards for visibility-reducing particles, sulfates, hydrogen sulfide, and vinyl chloride (see Table 2). The California CAA, also known as the Sher Bill or California AB 2595, was signed into law on September 30, 1988, and became effective on January 1, 1989. The California CAA requires that districts implement regulations to reduce emissions from mobile sources through the adoption and enforcement of transportation control measures. The California CAA also requires that a district must (South Coast Air Quality Management District [SCAQMD] 2007):

- Demonstrate the overall effectiveness of the air quality program;
- Reduce non-attainment pollutants at a rate of five percent per year, or include all feasible measures and expeditious adoption schedule;
- Ensure no net increase in emissions from new or modified stationary sources;
- Reduce population exposure to severe non-attainment pollutants according to a prescribed schedule;
- Include any other feasible controls that can be implemented, or for which implementation can begin, within 10 years of adoption of the most recent air quality plan; and
- Rank control measures by cost-effectiveness.

The SDAB is a non-attainment area for the State ozone standards, the State PM₁₀ standard, and the State PM_{2.5} standard.

3.2.2 Toxic Air Contaminants

The public's exposure to toxic air contaminants (TACs) is a significant public health issue in California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health (AB 1807: Health and Safety Code Sections 39650–39674). The Legislature established a two-step process to address the potential health effects from TACs. The first step is the risk assessment (or identification) phase. The second step is the risk management (or control) phase of the process.

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, the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly Bill) 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. The Children's Environmental Health Protection Act, California Senate Bill (SB) 25 (Chapter 731, Escutia, Statutes of 1999), focuses on children's exposure to air pollutants. The act requires CARB to review its air quality standards from a children's health perspective, evaluate the statewide air monitoring network, and develop any additional air toxic control measures needed to protect children's health. Locally, toxic air pollutants are regulated through the SDAPCD's Regulation XII.

Of particular concern statewide are diesel-exhaust particulate matter (DPM) emissions. DPM was established as a TAC in 1998 and is estimated to represent a majority of the cancer risk from TACs statewide (based on the statewide average). Diesel exhaust is a complex mixture of gases, vapors, and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB and are listed as carcinogens either under the state's Proposition 65 or under the federal Hazardous Air Pollutants program. Diesel emissions generated within the Otay Mesa community and the surrounding areas pose a potential hazard to residents and visitors.

Following the identification of diesel particulate matter as a TAC in 1998, CARB has worked on developing strategies and regulations aimed at reducing the risk from diesel particulate matter. The overall strategy for achieving these reductions is found in the *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled*

Engines and Vehicles (State of California 2000). A stated goal of the plan is to reduce the cancer risk statewide arising from exposure to diesel particulate matter 85 percent by 2020.

A number of programs and strategies to reduce diesel particulate matter that have been implemented or are in the process of being developed include (State of California 2010a):

- **The Carl Moyer Memorial Air Quality Standards Attainment Program:** This program, administered by CARB, was initially approved in February 1999 and provides incentive grants to cover an incremental portion of the cost of upgrading to cleaner-than-required engines, equipment, and other sources of pollution providing early or extra emission reductions. Eligible projects include cleaner on-road, off-road, marine, locomotive, and agricultural sources. The program guidelines are revised regularly (most recently in April 2011).
- **On-road Heavy-duty Diesel Engine Reduced Emission Standards:** This rule reduces emission standards for 2007 and subsequent model year heavy-duty diesel engines (66 FR 5002, January 18, 2001).
- **On-road Heavy-duty Diesel Engine In-use Compliance Program:** This program requires in-use compliance testing to ensure that existing vehicles/engines meet applicable emission standards throughout their useful life.

Other programs include:

- **Off-road Mobile Sources Emission Reduction Program:** The goal of this program is to develop regulations to control emissions from diesel, gasoline, and alternative-fueled off-road mobile engines. These sources include a range of equipment, from lawn mowers to construction equipment to locomotives.
- **Heavy-duty Vehicle Inspection Program:** The Heavy-duty Vehicle Inspection and Periodic Smoke Inspection Programs were established to control excessive smoke emissions and tampering from heavy-duty diesel trucks and buses.
 - **Heavy-duty Vehicle Inspection Program:** The Heavy-duty Vehicle Inspection Program was adopted into law in 1988 (SB 1997), with the regulations (13 California Code of Regulations [CCR] 2180–2189) governing this program last amended in 2007. The program requires heavy-duty trucks and buses to be inspected for excessive smoke and tampering, and engine certification label compliance. Any heavy-duty vehicle traveling in California, including vehicles registered in other states and foreign countries, may be tested. Tests are performed by CARB inspection teams at border crossings,

California Highway Patrol weigh stations, fleet facilities, and randomly selected roadside locations.

- **Periodic Smoke Inspection Program:** The Periodic Smoke Inspection Program was adopted into law in 1990 (SB 2330), with the regulations (13 CCR 2190–2194) governing this program last amended in 2007. The program requires that diesel and bus fleet owners conduct annual smoke opacity inspections of their vehicles and repair those with excessive smoke emissions to ensure compliance.
- **Lower-emission School Bus Program:** Under this program, and in coordination with the California Energy Commission and local air districts, CARB developed guidelines to provide criteria for the purchase of new school buses and the retrofit of existing school buses to reduce particulate matter emissions. In addition, Proposition 1B, which was approved by the voters on November 7, 2006, enacts the Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006. This bond act authorizes \$200 million for replacing and retrofitting school buses.
- **School Bus Idling Airborne Toxic Control Measure:** Beginning in July 2003, the CARB approved an airborne toxic control measure (ATCM) that limits school bus idling and idling at or near schools. The ATCM to limit idling is intended to reduce diesel exhaust particulate matter and other TACs and air pollutants from heavy-duty motor vehicle exhaust. The ATCM requires a driver of a school bus or vehicle, transit bus, or other commercial motor vehicle to manually turn off the bus or vehicle engine upon arriving at a school and to restart no more than 30 seconds before departing. A driver of a school bus or vehicle is subject to the same requirement when operating within 100 feet of a school and is prohibited from idling more than five minutes at each stop beyond schools, such as parking or maintenance facilities, school bus stops, or school activity destinations. A driver of a transit bus or other commercial motor vehicle is prohibited from idling more than five minutes at each stop within 100 feet of a school. Idling necessary for health, safety, or operational concerns is exempt from these restrictions.

In April 2005, CARB published *Air Quality and Land Use Handbook: A Community Health Perspective* (State of California 2005). The handbook makes recommendations directed at protecting sensitive land uses from air pollutant emissions while balancing a myriad of other land use issues (e.g., housing, transportation needs, economics, etc.). It notes that the handbook is not regulatory or binding on local agencies and recognizes that application takes a qualitative approach. As reflected in the CARB Handbook, there is currently no adopted standard for the significance of health effects from mobile sources. Therefore, the CARB has provided guidelines for the siting of land uses near heavily traveled roadways. Of pertinence to this study, the CARB guidelines indicate that

siting new sensitive land uses within 500 feet of a freeway or urban roads with 100,000 or more vehicles/day should be avoided when possible.

As an ongoing process, CARB will continue to establish new programs and regulations for the control of diesel-particulate and other air-toxics emissions as appropriate. The continued development and implementation of these programs and policies will ensure that the public's exposure to diesel particulate matter will continue to decline.

As discussed below, the SDAPCD implements rules and regulations for the control of toxic air contaminants through permitting of stationary and portable sources of air pollutants.

Numerous activities have also occurred at the federal level, including:

- In 2006, the EPA adopted low-sulfur fuel standards that are anticipated to significantly reduce diesel emissions.
- In January 2011, President Obama signed the Diesel Emission Reduction Act (DERA) of 2010 (HR 5809), which reauthorizes DERA for another five years. DERA was originally created in 2005 and provides grants to state, local, and tribal governments for programs to reduce emissions from existing diesel engines. This legislation authorizes \$100 million annually for five years, for a total of \$500 million, although the actual annual amount will depend on each year's funding appropriation. According to U.S. EPA, every \$1 spent on DERA upgrades has resulted in \$13 worth of health and environmental benefits (West Coast Collaborative 2011).

3.2.3 Children's Environmental Health Protection Act

The Children's Environmental Health Protection Act (SB 25, Escutia 1999) established specific requirements to determine if children are adequately protected from the harmful effects of air pollution. The act requires the CARB and the Office of Environmental Health Hazard Assessment to review all health-based California AAQS to determine if public health, particularly the health of infants and children, is adequately protected. It also requires a review of the air monitoring network to determine if it accurately measures the amount of pollutants in the air. Furthermore, the state's list of TACs must be reviewed, and Air Toxic Control Measures must be implemented, in order to reduce exposure to TACs that cause children to be especially susceptible to illness.

3.3 State Implementation Plan

The SIP is a collection of documents that set forth the state's strategies for achieving the NAAQS. In California, the SIP is a compilation of new and previously submitted plans,

programs (such as monitoring, modeling, permitting, etc.), district rules, state regulations, and federal controls. The CARB is the lead agency for all purposes related to the SIP under state law. Local air districts and other agencies, such as the Department of Pesticide Regulation and the Bureau of Automotive Repair, prepare SIP elements and submit them to CARB for review and approval. The CARB then forwards SIP revisions to the U.S. EPA for approval and publication in the Federal Register. All of the items included in the California SIP are listed in the Code of Federal Regulations (CFR) at 40 CFR 52.220.

The SDAPCD is responsible for preparing and implementing the portion of the SIP applicable to the SDAB. The SDAPCD adopts rules, regulations, and programs to attain State and federal air quality standards, and appropriates money (including permit fees) to achieve these objectives.

3.4 The California Environmental Quality Act

Section 15125(d) of the California Environmental Quality Act (CEQA) Guidelines requires discussion of any inconsistencies between the proposed project and applicable general plans and regional plans, including the applicable air quality attainment or maintenance plan (or SIP).

3.5 Regional Air Quality Strategy

The SDAPCD is the agency that regulates air quality in the SDAB. The SDAPCD prepared the 1991/1992 RAQS in response to the requirements set forth in AB 2595. The draft was adopted, with amendments, on June 30, 1992 (County of San Diego 1992). Attached, as part of the RAQS, are the Transportation Control Measures (TCMs) for the air quality plan prepared by the San Diego Association of Governments (SANDAG) in accordance with AB 2595 and adopted by SANDAG on March 27, 1992, as Resolution Number 92-49 and Addendum. The required triennial updates of the RAQS and corresponding TCMs were adopted in 1995, 1998, 2001, 2004, and 2009. The RAQS and TCMs set forth the steps needed to accomplish attainment of the CAAQS.

4.0 Environmental Setting

4.1 Geographic Setting

The Otay Mesa community planning area is located in the SDAB about 6 miles east of the Pacific Ocean. The eastern portion of the SDAB is surrounded by mountains to the north, east, and south. These mountains tend to restrict airflow and concentrate pollutants in the valleys and low-lying areas below.

4.2 Climate

The project area, like the rest of San Diego County's coastal areas, has a Mediterranean climate characterized by warm, dry summers and mild, wet winters. The mean annual temperature for the project area is 62 degrees Fahrenheit (°F). The average annual precipitation is 12 inches, falling primarily from November to April. Winter low temperatures in the project area average about 41°F, and summer high temperatures average about 78°F. The average relative humidity is 69 percent and is based on the yearly average humidity at Lindbergh Field (Western Regional Climate Center 2011).

The dominant meteorological feature affecting the region is the Pacific High Pressure Zone, which produces the prevailing westerly to northwesterly winds. These winds tend to blow pollutants away from the coast toward the inland areas. Consequently, air quality near the coast is generally better than that which occurs at the base of the coastal mountain range.

Fluctuations in the strength and pattern of winds from the Pacific High Pressure Zone interacting with the daily local cycle produce periodic temperature inversions that influence the dispersal or containment of air pollutants in the SDAB. Beneath the inversion layer pollutants become "trapped" as their ability to disperse diminishes. The mixing depth is the area under the inversion layer. Generally, the morning inversion layer is lower than the afternoon inversion layer. The greater the change between the morning and afternoon mixing depths, the greater the ability of the atmosphere to disperse pollutants.

Throughout the year, the height of the temperature inversion in the afternoon varies between approximately 1,500 and 2,500 feet above mean sea level (MSL). In winter, the morning inversion layer is about 800 feet above MSL. In summer, the morning inversion layer is about 1,100 feet above MSL. Therefore, air quality generally tends to be better in the winter than in the summer.

The prevailing westerly wind pattern is sometimes interrupted by regional “Santa Ana” conditions. A Santa Ana occurs when a strong high pressure develops over the Nevada–Utah area and overcomes the prevailing westerly coastal winds, sending strong, steady, hot, dry northeasterly winds over the mountains and out to sea.

Strong Santa Anas tend to blow pollutants out over the ocean, producing clear days. However, at the onset or during breakdown of these conditions or if the Santa Ana is weak, local air quality may be adversely affected. In these cases, emissions from the South Coast Air Basin (SCAB) to the north are blown out over the ocean, and low pressure over Baja California draws this pollutant-laden air mass southward. As the high pressure weakens, prevailing northwesterly winds reassert themselves and send this cloud of contamination ashore in the SDAB. When this event does occur, the combination of transported and locally produced contaminants produce the worst air quality measurements recorded in the basin.

4.3 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. Table 3 summarizes the number of days per year during which state and federal standards were exceeded in the SDAB overall during the years 2007 to 2011. The Otay Mesa—Paseo International monitoring

station, located in the southeastern portion of the CPU boundary, and the Otay Mesa—Richard J. Donovan Correctional Facility monitoring station, located east of the CPU area, are the nearest stations to the project area. Figure 2 shows the locations of these monitoring stations. Table 4 provides a summary of measurements of ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, and PM₁₀ collected at the Otay Mesa monitoring stations for the years 2007 through 2011.

**TABLE 3
AMBIENT AIR QUALITY SUMMARY – SAN DIEGO AIR BASIN**

Pollutant	Average Time	California Ambient Air Quality Standards ^a	Attainment Status	National Ambient Air Quality Standards ^b	Attainment Status ^c	Maximum Concentration					Number of Days Exceeding State Standard					Number of Days Exceeding National Standard				
						2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
O ₃	1 hour	0.09 ppm	N	N/A	N/A	0.134	0.139	0.119	0.107	0.114	21	18	8	7	5	1	2	0	0	0
O ₃	8 hours	0.07ppm	N	0.08 ppm (1997)	N	0.092	0.110	0.098	0.088	0.093	50	69	47	21	33	7	11	4	1	3
O ₃	8 hours	---	---	0.075 ppm (2008)	N	0.092	0.109	0.097	0.088	0.093	---	---	---	--	--	27	35	24	14	10
CO	1 hour	20 ppm	A	35 ppm	A	8.7	4.6	Na	Na	Na	0	0	Na	Na	Na	0	0	Na	Na	Na
CO	8 hours	9 ppm	A	9 ppm	A	5.18	3.51	3.54	2.46	2.44	0	0	0	0	0	0	0	0	0	0
NO ₂	1 hour	0.18 ppm	A	N/A	N/A	0.101	0.123	0.091	0.091	0.1	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A
NO ₂	Annual	0.030 ppm	N/A	0.053 ppm	A	0.015	0.015	0.016	0.013	0.013	N/A	N/A	N/A	N/A	N/A	NX	NX	NX	NX	NX
SO ₂	1 hour	25 pphm	A	N/A	N/A	2.7	1.9	Na	Na	Na	0	0	Na	Na	Na	N/A	N/A	N/A	N/A	N/A
SO ₂	3 hour	---	N/A	50 pphm ^d	A	1.7	1.4	Na	Na	Na	N/A	N/A	N/A	N/A	N/A	0	0	Na	Na	Na
SO ₂	24 hours	4 pphm	A	14 pphm	A	0.9	0.7	Na	Na	Na	0	0	Na	Na	Na	0	0	Na	Na	Na
SO ₂	Annual	N/A	N/A	3 pphm	A	0.3	0.2	Na	Na	Na	N/A	N/A	N/A	N/A	N/A	NX	NX	Na	Na	Na
PM ₁₀	24 hours	50 µg/m ³	N	150 µg/m ³	U	394	158	126	108	125	27/ 158.6*	30/ 163.4*	25/ 146.4*	22/ 136*	23/ 138.5*	1/6.1*	1/Na*	0/Na*	0/0*	0/0*
PM ₁₀	Annual	20 µg/m ³	N	N/A	N/A	58.4	56.1	53.9	47	46.2	EX	EX	EX	EX	EX	N/A	N/A	N/A	N/A	N/A
PM _{2.5}	24 hours	N/A	N/A	35 µg/m ³	A	151	44	78.4	52.2	35.5	N/A	N/A	N/A	N/A	N/A	17/11.4	5/3.5	4/3.4	2/2	3/3
PM _{2.5}	Annual	12 µg/m ³	N	15 µg/m ³	A	13.3	14.9	12.2	10.8	10.9	EX	EX	EX	EX	EX	NX	NX	NX	NX	NX

SOURCE: State of California 2011; U.S. EPA 2011a

*Measured Days/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.

^aCalifornia standards for ozone, carbon monoxide (except at Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, and PM₁₀ are values that are not to be exceeded. Some measurements gathered for pollutants with air quality standards that are based upon 1-hour, 8-hour, or 24-hour averages, may be excluded if the CARB determines they would occur less than once per year on average.

^bNational standards other than for ozone and particulates, and those based on annual averages or annual arithmetic means are not to be exceeded more than once a year. The 1-hour ozone standard is attained if, during the most recent 3-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one.

^cA = attainment; N = non-attainment; U = Unclassifiable

N/A = not applicable; Na = data not available; NX = annual average not exceeded; EX = annual average exceeded.

ppm = parts per million, pphm = parts per hundred million, µg/m³ = micrograms per cubic meter.

^dSecondary Standard

4.3.1 Ozone

Nitrogen oxides and hydrocarbons (reactive organic gases [ROGs]) are known as the chief “precursors” of ozone. These compounds react in the presence of sunlight to produce ozone. Ozone is the primary air pollution problem in the SDAB. Because sunlight plays such an important role in its formation, ozone pollution, or smog, is mainly a concern during the daytime in summer months. The SDAB is currently designated a federal and state non-attainment area for ozone. During the past 20 years, San Diego has experienced a decline in the number of days with unhealthy levels of ozone despite the region’s growth in population and vehicle miles traveled (County of San Diego 2010).

Locally, about three-quarters of smog-forming emissions come from motor vehicles and mobile equipment powered by internal combustion engines (County of San Diego 2009). Population growth in San Diego has resulted in a large increase in the number of automobiles expelling ozone-forming pollutants while operating on area roadways. In addition, the occasional transport of smog-filled air from the SCAB only adds to the SDAB’s ozone problem. More strict automobile emission controls, including more efficient automobile engines, have played a large role in why ozone levels have steadily decreased.

In the SDAB overall, during the 5-year period of 2007 to 2011 the former national 1-hour ozone standard of 0.12 ppm was exceeded one day in 2007 and two days in 2008. The stricter state 1-hour ozone standard of 0.09 ppm was exceeded 21 days in 2007, 18 days in 2008, 8 days in 2009, 7 days in 2010, and 5 days in 2011 (see Table 3).

The 1-hour state standard for O₃ of 0.09 ppm was exceeded 2 days in 2008, 1 day in 2009, and 1 day in 2011 at the Otay Mesa–Paseo International monitoring station during the 5-year period of 2007 to 2011.

In order to address adverse health effects due to prolonged exposure, the U.S. EPA phased out the national 1-hour ozone standard and replaced it with the more protective 8-hour ozone standard. The SDAB is currently a nonattainment area for the previous (1997) national 8-hour standard and is recommended as a nonattainment area for the revised (2008) national 8-hour standard of 0.075 ppm.

In the SDAB overall, during the 5-year period of 2007 to 2011 the former national 8-hour ozone standard of 0.08 ppm was exceeded 7 days in 2007, 11 days in 2008, 4 days in 2009, 1 day in 2010, and 3 days in 2011. The revised national 8-hour standard of 0.075 was exceeded 27 days in 2007, 35 days in 2008, 24 days in 2009, 14 days in 2010, and 10 days in 2011. The stricter state 8-hour ozone standard of 0.07 ppm was exceeded 50 days in 2007, 69 days in 2008, 47 days in 2009, 21 days in 2010, and 33 days in 2011.

**TABLE 4
SUMMARY OF AIR QUALITY MEASUREMENTS RECORDED AT THE
OTAY MESA MONITORING STATIONS**

Pollutant/Standard	2007	2008	2009	2010	2011
OTAY MESA—PASEO INTERNATIONAL MONITORING STATION					
Ozone					
Days State 1-hour Standard Exceeded (0.09 ppm)	0	2	1	0	1
Days State 8-hour Standard Exceeded (0.07 ppm)	1	3	0	0	1
Days Federal 1-hour Standard Exceeded (0.12 ppm)	0	0	0	0	0
Days '97 Federal 8-hour Standard Exceeded (0.08 ppm)	0	1	0		
Days '08 Federal 8-hour Standard Exceeded (0.075 ppm)	0	2	0		
Max. 1-hr (ppm)	0.092	0.099	0.098	0.076	0.095
Max 8-hr (ppm)	0.072	0.089	0.068	0.068	0.076
Carbon Monoxide					
Days State 1-hour Standard Exceeded (20 ppm)	0	0	0		
Days State 8-hour Standard Exceeded (9 ppm)	0	0	0	0	0
Days Federal 1-hour Standard Exceeded (35 ppm)	0	0	0		
Days Federal 8-hour Standard Exceeded (9 ppm)	0	0	0	0	0
Max. 1-hr (ppm)	5.70	4.60	4.60		
Max. 8-hr (ppm)	3.39	3.51	3.06	2.21	Na
Nitrogen Dioxide					
Days State 1-hour Standard Exceeded (0.18 ppm)	0	0	0	0	0
Max 1-hr (ppm)	0.101	0.123	0.091	0.091	0.100
Annual Average (ppm)	0.022	0.024	0.021	0.021	0.020
Sulfur Dioxide					
Days State 24-hour Standard Exceeded (0.04 ppm)	0	0	0	0	0
Max. Daily (ppm)	0.009	0.006	0.007	0.008	0.007
Annual Average (ppm)	Na	Na	0.003	0.001	Na
PM₁₀*					
Measured Days State 24-hour Standard Exceeded (50 µg/m ³)	27	30	25	22	23
Calculated Days State 24-hour Standard Exceeded (50 µg/m ³)	158.6	163.4	146.4	136.0	138.5
Measured Days Federal 24-hour Standard Exceeded (150 µg/m ³)	1	1	0	0	0
Calculated Days Federal 24-hour Standard Exceeded (150 µg/m ³)	6.1	6.1	0	0	0
Max. Daily (µg/m ³)	394.0	158.0	126.0	108.0	126.0
State Annual Average (µg/m ³)	58.4	56.1	53.9	47.0	46.2
Federal Annual Average (µg/m ³)	58.8	56.0	53.6	46.6	45.4
OTAY MESA—DONOVAN CORRECTIONAL FACILITY MONITORING STATION					
PM₁₀*					
Measured Days State 24-hour Standard Exceeded (50 µg/m ³)	10	8	10	3	2
Calculated Days State 24-hour Standard Exceeded (50 µg/m ³)	49.7	47.4	62.4	18.0	12.6
Measured Days Federal 24-hour Standard Exceeded (150 µg/m ³)	1	0	0	0	0
Calculated Days Federal 24-hour Standard Exceeded (150 µg/m ³)	2	0	0	0	0
Max. Daily (µg/m ³)	170.0	99.0	81.0	57.0	56.0
State Annual Average (µg/m ³)	36.6	31.2	34.2	29.8	25.9
Federal Annual Average (µg/m ³)					

SOURCE: State of California 2012.

Na = Not available; ppm = parts per million; µg/m³ = micrograms per cubic meter

*Calculated days value. 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. The number of days above the standard is not necessarily the number of violations of the standard for the year.

The previous national 8-hour standard of 0.08 ppm was exceeded 1 day in 2008 and the revised national 8-hour standard of 0.075 ppm was exceeded 2 days in 2008 at the Otay Mesa-Paseo International monitoring station during the 5-year period from 2007 to 2011. The stricter state 8-hour ozone standard of 0.07 ppm was exceeded on 1 day in 2007, 3 days 2008, and 1 day in 2011.

Not all of the ozone within the SDAB is derived from local sources. Under certain meteorological conditions, such as during Santa Ana wind events, ozone and other pollutants are transported from the Los Angeles Basin and combine with ozone formed from local emission sources to produce elevated ozone levels in the SDAB.

Local agencies can control neither the source nor the transportation of pollutants from outside the air basin. The SDAPCD's policy, therefore, has been to control local sources effectively enough to reduce locally produced contamination to clean air standards. Through the use of air pollution control measures outlined in the RAQS, the SDAPCD has effectively reduced O₃ levels in the SDAB.

Actions that have been taken in the SDAB to reduce O₃ concentrations include:

- **TCMs, if vehicle travel and emissions exceed attainment demonstration levels.** TCMs are strategies that will reduce transportation-related emissions by reducing vehicle use or improving traffic flow.
- **Enhanced motor vehicle inspection and maintenance program.** The smog-check program is overseen by the Bureau of Automotive Repair. The program requires most vehicles to pass a smog test once every two years before registering in the state of California. The smog-check program monitors the amount of pollutants automobiles produce. One focus of the program is identifying "gross polluters," or vehicles that exceed two times the allowable emissions for a particular model. Regular maintenance and tune-ups, changing oil, and checking tire inflation can improve gas mileage and lower air pollutant emissions. It can also reduce traffic congestion due to preventable breakdowns, further lowering emissions.
- **Air Quality Improvement Program (AQIP).** The AQIP, established by AB 118, is a voluntary incentive program administered by the CARB to fund clean vehicle and equipment projects, research on biofuels production and the air quality impacts of alternative fuels, and workforce training.

4.3.2 Carbon Monoxide

The SDAB is classified as a state attainment area and as a federal maintenance area for carbon monoxide (County of San Diego 1998). Until 2003, no violations of the state standard for CO had been recorded in the SDAB since 1991, and no violations of the national standard had been recorded in the SDAB since 1989. The violations that took

place in 2003 were likely the result of massive wildfires that occurred throughout the county. No violations of the state or federal CO standards have occurred since 2003. As shown in Tables 3 and 4, the state and national standards have not been exceeded at the Otay Mesa monitoring stations or the SDAB during the 5-year period from 2007 to 2011.

Small-scale, localized concentrations of CO above the state and national standards have the potential to occur at intersections with stagnation points such as those that occur on major highways and heavily traveled and congested roadways. Localized high concentrations of CO are referred to as “CO hot spots” and are a concern at congested intersections, where automobile engines burn fuel less efficiently and their exhaust contains more CO.

4.3.3 PM₁₀

PM₁₀ is particulate matter with an aerodynamic diameter of 10 microns or less. Ten microns is about one-seventh of the diameter of a human hair. Particulate matter is a complex mixture of very tiny solid or liquid particles composed of chemicals, soot, and dust. Sources of PM₁₀ emissions in the SDAB consist mainly of urban activities, dust suspended by vehicle traffic, and secondary aerosols formed by reactions in the atmosphere.

Under typical conditions (i.e., no wildfires) particles classified under the PM₁₀ category are mainly emitted directly from activities that disturb the soil including travel on roads and construction, mining, or agricultural operations. Other sources include windblown dust, salts, brake dust, and tire wear (County of San Diego 1998). For several reasons hinging on the area’s dry climate and coastal location, the SDAB has special difficulty in developing adequate tactics to meet present state particulate standards.

The SDAB is designated as federal unclassified and state non-attainment for PM₁₀. The measured federal PM₁₀ standard was exceeded once in 2007 and once in 2008 in the SDAB. The 2007 exceedance occurred on October 21, 2007, at a time when major wildfires were raging throughout San Diego County. Consequently, this exceedance was likely caused by the wildfires and would be beyond the control of the SDAPCD (State of California 2010a). As such, this event is covered under the U.S. EPA’s Natural Events Policy that permits, under certain circumstances, the exclusion of air quality data attributable to uncontrollable natural events (e.g., volcanic activity, wild land fires, and high wind events). The 2008 exceedance did not occur during wildfires and is not covered under this policy. The stricter state standard was exceeded a calculated number of days of 158.6 days in 2007, 163.4 days in 2008, 146.4 days in 2009, 136 days in 2010, and 138.5 days in 2011. 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 6 days.

At the Otay Mesa-Paseo International monitoring station, the national 24-hour PM_{10} standard was exceeded 1 day in 2007 and 1 day in 2008 during the years 2007 through 2011. The stricter state 24-hour PM_{10} standard was exceeded 27 days in 2007, 30 days in 2008, 25 days in 2009, 22 days in 2010, and 23 days in 2011.

At the Otay Mesa-Donovan Correctional Facility monitoring station, the national 24-hour PM_{10} standard was exceeded 1 day in 2007 during the years 2007 through 2011. The stricter state 24-hour PM_{10} standard was exceeded 10 days in 2007, 8 days in 2008, 10 days in 2009, 3 days in 2010, and 2 days in 2011.

4.3.4 $PM_{2.5}$

Airborne, inhalable particles with aerodynamic diameters of 2.5 microns or less have been recognized as an air quality concern requiring regular monitoring. Federal regulations required that $PM_{2.5}$ monitoring begin January 1, 1999 (County of San Diego 1999). The Otay Mesa monitoring stations do not monitor $PM_{2.5}$. Federal $PM_{2.5}$ standards established in 1997 include an annual arithmetic mean of $15 \mu\text{g}/\text{m}^3$ and a 24-hour concentration of $65 \mu\text{g}/\text{m}^3$. As discussed above, the 24-hour $PM_{2.5}$ standard has been changed to $35 \mu\text{g}/\text{m}^3$. However, this does not apply to the monitoring in 2005 or 2006. State $PM_{2.5}$ standards established in 2002 are an annual arithmetic mean of $12 \mu\text{g}/\text{m}^3$.

The SDAB was classified as an attainment area for the previous federal 24-hour $PM_{2.5}$ standard of $65 \mu\text{g}/\text{m}^3$ and has been classified as an attainment area for the revised federal 24-hour $PM_{2.5}$ standard of $35 \mu\text{g}/\text{m}^3$ (U.S. EPA 2004, 2009b). The SDAB is a non-attainment area for the state $PM_{2.5}$ standard (State of California 2012).

In the SDAB overall the new national standard of $35 \mu\text{g}/\text{m}^3$ was exceeded a calculated number of days of 11.4 days in 2007, 3.5 days in 2008, 3.4 days in 2009, 2 days in 2010, and 3 days in 2011. Additionally, although the federal annual standard was not exceeded during the period from 2007 through 2011, the state annual standard was routinely exceeded during this period in the SDAB overall.

4.3.5 Other Criteria Pollutants

The national and state standards for NO_2 , SO_x , and previous standard for lead are being met in the SDAB, and the latest pollutant trends suggest that these standards will not be exceeded in the foreseeable future. As discussed above, new standards for these pollutants have been adopted, and new designations for the SDAB will be determined in the future. The SDAB is also in attainment of the state standards for hydrogen sulfides, sulfates, and visibility reducing particles.

5.0 Thresholds of Significance

5.1 CEQA Guidelines

Thresholds used to evaluate potential impacts to air quality are based on applicable criteria in the CEQA Guidelines Appendix G and the City of San Diego Significance Determination Thresholds. The CPU would have a significant air quality impact if it would (City of San Diego 2011):

1. Obstruct or conflict with the implementation of the San Diego RAQS or applicable portions of the SIP.
2. Result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation.
3. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state AAQS (including the release of emissions which exceed quantitative thresholds for ozone precursors).
4. Expose sensitive receptors to substantial pollutant concentration, including air toxics such as diesel particulates.
5. Create objectionable odors affecting a substantial number of people.

5.2 Public Nuisance Law (Odors)

The State of California Health and Safety Code Sections 41700 and 41705, and SDAPCD Rule 51, commonly referred to as public nuisance law, prohibit emissions from any source whatsoever in such quantities of air contaminants or other material, which cause injury, detriment, nuisance, or annoyance to the public health or damage to property. The provisions of these regulations do not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals. It is generally accepted that the “considerable” number of persons requirement in Rule 51 is normally satisfied when 10 different individuals/households have made separate complaints within 90 days. Odor complaints from a “considerable” number of persons or businesses in the area will be considered to be a significant, adverse odor impact.

Every use and operation shall be conducted so that no unreasonable heat, odor, vapor, glare, vibration (displacement), dust, smoke, or other forms of air pollution subject to SDAPCD standards shall be discernible at the property line of the parcel upon which the

use or operation is located. Therefore, any unreasonable odor discernible at the property line of the project site will be considered a significant odor impact.

5.3 San Diego Air Pollution Control District

The SDAPCD is the agency that regulates air quality in the SDAB. Vehicle emissions are regulated at the federal and state levels. Air quality management districts and air pollution control districts do not set vehicle emission standards.

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 CAA (AB 2595). Attached as part of the RAQS are the 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 numerics for determining the significance of mobile source-related impacts, or for evaluating 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 APCD does not consider these trigger levels to represent adverse air quality impacts, rather, if these trigger levels are exceeded by a project, the SDAPCD required an air quality analysis to determine if a significant air quality impact would occur. While, these trigger levels do not generally 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 CPU 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 ROG or PM_{2.5}. The threshold for ROG used by the City is based on levels per the

SCAQMD and Monterey Bay APCD which have similar federal and state attainment status as San Diego (City of San Diego 2011). The terms ROG and volatile organic compound (VOC) are essentially synonymous and are used interchangeably in this analysis. The threshold for PM_{2.5} was developed from the SCAQMD Final Methodology to Calculate PM_{2.5} and PM_{2.5} Significance Thresholds and the SDAPCD's PM₁₀ limit (SCAQMD 2006).

The air quality impact screening levels used in this analysis are shown in Table 5.

**TABLE 5
AIR QUALITY IMPACT SCREENING LEVELS**

Pollutant	Emission Rate		
	Pounds/Hour	Pounds/Day	Tons/Year
NO _x	25	250	40
SO _x	25	250	40
CO	100	550	100
PM ₁₀	--	100	15
Lead	--	3.2	0.6
VOC, ROG	--	137 ¹	15
PM _{2.5}	--	100 ²	--

SOURCE: SDAPCD, Rule 20.2 (12/17/1998); City of San Diego 2011.

¹VOC threshold based on levels per SCAQMD and Monterey Bay APCD which have similar federal and State attainment status as San Diego.

²PM_{2.5} threshold developed from the SCAQMD *Final Methodology to Calculate PM_{2.5} and PM_{2.5} Significance Thresholds* (SCAQMD 2006) and the PM₁₀ standard of the SDAPCD.

5.4 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.

6.0 Criteria Pollutant 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 resulting from growth-inducing development or local hot-spot effects stemming from sensitive receivers being placed close to highly congested roadways. In the case of the CPU, operational impacts are primarily due to emissions to the basin from mobile sources associated with the vehicular travel along the roadways within the project area.

Air emissions were calculated using the CalEEMod computer program (SCAQMD 2011). 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 three basic sources: construction sources, area sources (e.g., fireplaces and natural gas heating), and operational sources (e.g., traffic).

Inputs to CalEEMod include such items as the air basin containing the project, land uses, trip generation rates, trip lengths, vehicle fleet mix (percentage autos, medium truck, etc.), trip distribution (i.e., percent home to work, etc.), duration of construction phases, construction equipment usage, grading areas, season, and ambient temperature, as well as other parameters. The CalEEMod output files contained in Attachment 1 indicate the specific inputs for each model run. Emissions of NO_x, CO, SO_x, PM₁₀, PM_{2.5}, and ROG_s, an ozone precursor, are calculated. 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.

6.1 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 area would vary depending upon the number of projects occurring simultaneously and the size of each individual project. Construction-related pollutants result from dust raised during demolition and grading, emissions from construction vehicles, and chemicals used during construction.

Fugitive dust emissions vary greatly during construction and are dependent on the amount and type of activity, silt content of the soil, and the weather. Vehicles moving over paved and unpaved surfaces, demolition, excavation, earth movement, grading, and wind erosion from exposed surfaces are all sources of fugitive dust. Construction operations are subject to the requirements established in Regulation 4, Rules 52 and 54, of the SDAPCD's rules and regulations.

6.1.1 Land Use and Construction Assumptions

The exact number and timing of all development projects that could occur under the CPU are unknown. However, for projects located within the predominantly developed portions of Otay Mesa, 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. Conversely, projects located within undeveloped portions of Otay Mesa would be relatively large, involving undeveloped land and little, if any, demolition of existing structures and improvements. The range of these different types of projects is great.

To illustrate the range of potential air effects from projects that could occur, two types of speculative projects were evaluated. These hypothetical projects include a 1-acre multi-family residential project that may be typical in the more developed portions of Otay Mesa and the development of a large-scale project that could occur in the undeveloped portions of Otay Mesa. The 1-acre multi-family development is assumed to consist of the demolition of an existing 5,000-square-foot structure and the construction of a 20-unit multi-family structure. The large project is assumed to consist of the development of 500 single-family units, a 450-student elementary school, and a 1,200-student high school on undeveloped land.

CalEEMod default parameters were used for the equipment needed for all phases of construction which are estimated based on the size of the land use subtype features entered in the land use module.

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 rules and regulations.

As of January 1, 2011, architectural paints and coatings shall comply with VOC limits specified in CalGreen 2010 (Green Building Standards Code, California Code of

Regulations, Title 24, Part 11) unless more stringent local limits apply. Currently, depending on the coating, the CalGreen VOC limits generally are more stringent than the SDAPCD limits specified in Rule 67.0. The CalGreen VOC limit is 150 milligrams per liter (mg/L) whereas SDAPCD Rule 67.0 allows a VOC content for coatings of up to 250 mg/L. The CalGreen architectural coating VOC limit of 150 mg/L was used in each model run for all coatings.

6.1.2 Construction Source Emissions

A summary of the modeling results is shown in Table 6.

**TABLE 6
SAMPLE DAILY CONSTRUCTION EMISSIONS
(pounds/day)**

Pollutant	Small Project	Large Project	Threshold
ROG	76	90	137
NO _x	45	111	250
CO	27	59	550
SO ₂	0	0	250
PM ₁₀ Total	8	23	100
PM ₁₀ —fugitive dust	6	18	--
PM ₁₀ —exhaust	3	5	--
PM _{2.5} Total	5	15	100
PM _{2.5} —fugitive dust	3	10	--
PM _{2.5} —exhaust	3	5	--

NOTE: Due to rounding, the total PM emissions indicated in the CalEEMod output files do not equal the sum of the individual source emissions.

Note that the emissions summarized in Table 6 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 discussed above, for assessing the significance of the air quality emissions resulting during construction of the hypothetical projects, the construction emissions were compared to the thresholds shown in Table 5.

As seen, 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 CPU 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 plan. Additionally, the regulations at the federal, state, and

local 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 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. While it is not anticipated that construction activities associated with individual projects under the CPU would result in a significant direct air quality impact, due to the lack of project specific details as part of this program-level analysis, project-specific air quality studies would be required for future projects within the CPU.

The SDAB is not in attainment for ozone, PM₁₀, and PM_{2.5}. There is the potential for future projects that would conform to the CPU 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.

6.1.3 Fugitive Dust Nuisance Impacts

Fugitive dust is any particulate matter that becomes airborne directly or indirectly as a result of the activities of man (other than that emitted from an exhaust stack) or from natural events such as windborne dust. Construction dust is comprised primarily of chemically inert particles that are too large to enter the human respiratory tract when inhaled. Approximately 35 percent of total fugitive dust emissions is 10 microns or smaller.

Fugitive dust emissions vary greatly during construction and are dependent on the amount and type of activity, silt content of the soil, and the weather. Vehicles moving over paved and unpaved surfaces, demolition, excavation, earth movement, grading, and wind erosion from exposed surfaces are all sources of fugitive dust. As indicated above, fugitive dust emissions to the air basin resulting from construction of small projects are not expected to be significant within the project area; however, they could be perceived as a nuisance to the immediate area. Dust control during demolition and grading operations would be implemented to reduce potential nuisance impacts. Construction operations are subject to the particulate and fugitive dust requirements established in Regulation 4, Rules 52, 54, and 55 of the SDAPCD's rules and regulations. In general, implementation of these rules and the policies of the CPU and General Plan would preclude or reduce air quality impacts. However, it is possible that for certain projects, adherence to these regulations may not adequately reduce fugitive

dust. Therefore, a project specific air quality study would be required for future projects within the CPU.

6.2 Operation-related Emissions

6.2.1 Land Use Assumptions

For comparative purposes, air emissions were calculated for the existing land uses, the Adopted Community Plan in the year 2030, and the CPU in the year 2030 using CalEEMod. Table 7 summarizes the future land uses modeled in CalEEMod.

**TABLE 7
FUTURE MODELED LAND USES**

Land Uses ¹	Adopted Community Plan (Year 2030)	CPU (Year 2030)
Single-family Residential (du)	4,800	4,273
Multi-family Residential (du)	7,600	14,501
Park (acres)	64	161
Commercial/Mixed-Use (million square feet)	5.907	4.522
Institutional (million square feet)	13.421	15.224
Industrial (million square feet)	61.833	52.838

¹ Land use acreage obtained from Otay Mesa Community Plan Update 2011. Commercial and institutional square footages calculated from acreage assuming a 0.3 floor area ratio. Industrial square footages calculated from acreage assuming a 0.5 floor area ratio. Square footages used for GHG modeling may not exactly match traffic assumptions due to differences in calculation methods.

6.2.2 Mobile Source Assumptions

The CalEEMod defaults for mobile source parameters such as vehicle fleet mix and trip length were assumed. Trip generation rates were obtained from the Traffic Impact Analysis (Urban Systems Associates 2012). CalEEMod default settings were used for trip length, trip purpose, and trip type percentages (e.g., home to work, home to shop, home to other) for each land use type and quantity entered. The trip rates used for each land use subtype were edited to reflect the trip rates identified for each land use subtype in the traffic impact analysis.

6.2.3 Area Source Assumptions

CalEEMod estimates the emissions that would occur from the use of hearths, woodstoves, and landscaping equipment. This module also estimates emissions due to use of consumer products and architectural coatings that have VOC content. The use of hearths (fireplaces) 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 but 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 development. It was assumed that there would be no woodstoves or fireplaces associated with additional new development.

The use of landscape equipment emits air pollutants associated with the equipment's fuel combustion. CalEEMod estimates the number and types of equipment needed based on the number of summer days given the project's location as entered in the project characteristics module. The model defaults for landscaping equipment were used.

6.2.4 Total Operational (Mobile and Area Source) Emissions

A summary of the modeling results, which includes both mobile and area source emissions, is shown in Table 8. Total emissions under the adopted community plan are projected to be greater than total emissions under the CPU for all pollutants. This is due to the decrease in development intensity under the CPU when compared to the adopted community plan. Therefore, while the CPU would result in emissions in excess of project-level thresholds, the CPU would be consistent with adopted regional air quality improvement plans and would actually represent a decrease in emissions used to develop the SDAPCD RAQS.

**TABLE 8
AVERAGE DAILY OPERATIONAL EMISSIONS TO THE SAN DIEGO AIR BASIN
(pounds/day)**

Season/ Pollutant	Adopted Community Plan (Year 2030)			CPU (Year 2030)		
	Area Source	Mobile Source	Total Emissions	Area Source	Mobile Source	Total Emissions
Summer						
ROG	3,145	2,769	5,914	2,893	2,725	5,619
NOx	5,605	12	5,617	5,166	18	5,184
CO	25,555	1,032	26,587	23,707	1,563	25,270
SO ¹	81	0	81	76	0	76
PM ₁₀	9,246	6	9,252	8,644	9	8,653
PM _{2.5}	505	6	511	471	9	480
Winter						
ROG	3,318	2,769	6,087	3,059	2,725	5,784
NOx	5,785	12	5,797	5,338	18	5,356
CO	25,390	1,032	26,422	23,485	1,563	25,048
SO ¹	76	0	76	71	0	71
PM ₁₀	9,248	6	9,254	8,646	9	8,655
PM _{2.5}	507	6	512	473	9	481

¹Emissions calculated by CalEEMod are for SO₂.

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 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. Thus, while the CPU would not conflict with, or obstruct the implementation of the SAPCD RAQS, air emissions associated with the adoption of the CPU could have a potentially significant impact on regional air quality.

6.2.5 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. 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.

Based on the traffic study, 28 intersections were found to operate at LOS E or worse. Based on the CO Protocol, the three worst intersections were selected for a detailed CO Hot Spot analysis. These intersections are:

- Otay Mesa Road and Innovative Drive
- Old Otay Mesa Road and Beyer Boulevard
- Otay Valley Road and Heritage Road

CALINE4, a computer air emission dispersion model, was used to calculate CO concentrations at receivers located at each intersection. These concentrations were derived from inputs including traffic volumes, from the CPU traffic analysis, and emission factors from EMFAC2011 (State of California 2011).

These three intersections, under the adopted community plan and the CPU, were modeled in CALINE4 in order to determine if the CO emissions exceeded the thresholds. The results of the modeling are presented in Table 9.

**TABLE 9
MAXIMUM BUILDOUT CO CONCENTRATIONS**

Roadway	1-Hour CO ppm	1-Hour CO Standard CAAQS/ NAAQS	8-Hour CO ppm ¹	8-Hour CO Standard CAAQS/ NAAQS
Adopted Community Plan				
Otay Mesa Rd. and Innovative Drive	6.5	9.0/9	4.6	20/35
Otay Mesa Rd. and Beyer Blvd.	5.5		3.9	
Otay Valley Rd. and Heritage Rd.	8.0		5.6	
CPU				
Otay Mesa Rd. and Innovative Drive	5.7	9.0/9	4.0	20/35
Otay Mesa Rd. and Beyer Blvd.	5.7		4.0	
Otay Valley Rd. and Heritage Rd.	8.4		5.9	

¹ 8-hour concentrations developed based on a 0.7 persistence factor.

The existing ambient concentration of CO, 3.5 ppm for the area was taken from the highest recorded concentration at the Otay Mesa Air Quality Monitoring Station. This concentration was assumed for all three of these intersections in the existing and future conditions. The average regional temperature of 73°F was inserted as a model input and taken from the Western Regional Climate Center data. The hot spot analysis indicates that the increases of CO due to the CPU would be below the federal and state 1-hour standard. In order to determine the 8-hour concentration, the 1-hour value was multiplied by a persistence factor of 0.7, as recommended in the CO Protocol. Based on this calculation, increases of CO due to the CPU would be below the federal and state 8-hour standard. Therefore, 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 CPU.

6.2.6 Toxic Air Emissions

6.2.6.1 Stationary Sources

The CPU includes 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.

Stationary sources also contribute to air pollution in the SDAB. 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 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.

6.2.6.2 Collocation

The CPU contains several areas where residential and other sensitive uses would be placed adjacent to industrial and commercial uses. These sensitive land uses would be exposed to toxic air emissions that have the potential to be generated with operation of certain commercial and industrial uses. The CARB and APCD 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 10 summarizes the siting recommendations applicable to the CPU area. CARB recommends that these buffers be considered when evaluating land use and collocation decisions.

**TABLE 10
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.

7.0 Health Risk Assessment

7.1 Health Risk Assessment Process

7.1.1 Hazard Identification

Hazard identification is the process by which contaminants of concern are selected for investigation in the risk assessment and includes a review of the chemicals that are potentially released to the atmosphere from the equipment of concern. This assessment is focused on diesel particulate emissions from the vehicular traffic on major roadways and freeways.

7.1.2 Dose-Response Assessment

The dose-response assessment develops relationships between exposures to a given chemical and the corresponding potential health effects associated with exposure to that chemical. In general, data are limited regarding adverse effects associated with direct exposure of humans to a particular chemical. Therefore, animal experiments have often been performed to assess a chemical's toxicity. These experiments are conducted to determine the organs that are adversely affected by a toxic chemical and the amount of chemical needed to produce an adverse effect.

Two types of adverse health effects are generally considered in health risk assessments: carcinogenic and non-carcinogenic. Non-carcinogenic effects, such as liver or kidney

damage, may be either reversible or permanent. In these situations, it is assumed that there is a level of exposure at which these chemicals produce no adverse effects in the human body. In other words, exposure to these chemicals in amounts less than a threshold level will result in no adverse health effects.

Chemicals that potentially produce carcinogenic effects have been shown or are suspected to produce tumors in animals or humans. There are no threshold levels below which these chemicals are assumed not to have carcinogenic effects. Therefore, carcinogenic effects are assessed in terms of incremental or excess risks.

Toxicological properties and estimates of the dose-response relationships of the diesel particulate matter assessed in this risk assessment are provided by the California Office of Environmental Health Hazard Assessment (OEHHA) and CARB (State of California 2010b). For non-carcinogens, the Reference Exposure Level (REL) is identified. RELs represent a dose believed to be below the threshold for adverse non-carcinogenic health effects. For carcinogens, the cancer potency values (CPVs) are identified. The CPVs are expressed either as a “unit risk factor” [i.e., $(\mu\text{g}/\text{m}^3)^{-1}$] or as a “potency factor” in units of inverse dose as a potency slope [i.e., $(\text{mg}/\text{kg}\text{-day})^{-1}$]. The OEHHA guidance recommends the use of inhalation cancer potency factors instead of unit risk factors (State of California 2003a). Therefore, this assessment utilizes the inhalation cancer potency factor. Table 11 summarizes the dose-response values for diesel particulate matter.

**TABLE 11
DIESEL PARTICULATE MATTER RISK DATA**

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

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

mg/kg-d = milligrams of dose per kilogram of body weight each day

7.1.3 Exposure Assessment

The exposure assessment identifies potential exposure pathways, estimates chemical concentrations at potential exposure points, and calculates expected doses of emitted substances. An exposure pathway is defined as the means by which an individual or a population is exposed to contaminants that originate from a source. Each pathway represents a different mechanism for exposure.

Four elements must be present in order for a potential human exposure pathway to exist.

- A source and mechanism of substance release to the environment
- An environmental transport medium (e.g., air, water, soil)
- An exposure point, or point of potential contact with the contaminated medium
- A receiver (i.e., human) with a route of entry (e.g., inhaling air, drinking water) at the point of contact.

The current risk assessment only considers substances that are released into the air and inhaled. It is noted that there are no designated agricultural uses within the plan area.

Ambient atmospheric concentrations resulting from emissions of diesel particulates are calculated using mathematical air dispersion models, which use emission rates and durations, design features specific to the emissions sources, and meteorological data. The air modeling results include annual average and hourly ambient air concentrations of the modeled substances at various receiver points. In order to evaluate human exposure, a human receiver with a route of exposure to the affected medium is required, such as a person inhaling air in a potentially affected area. Therefore, potential health risks are only evaluated for developed areas where humans typically are present. A quantitative estimate of potential human exposure is developed for the inhalation pathway in this study. All of the assumptions made for the exposure assessment are intended to overestimate the calculated health risk (i.e., to be “health conservative”).

7.1.4 Risk Characterization

Risk characterization is the process of combining dose-response information with the estimates of human exposure in order to derive a quantitative estimate of the likelihood that humans will experience any adverse health effects for the given exposure assumptions. As mentioned, two general types of health effects are generally considered: potential carcinogenic risks after chronic (long-term) exposure and potential non-carcinogenic health impacts following chronic and acute (short-term) exposure. For this assessment, only long-term carcinogenic and long-term non-carcinogenic (chronic) risks resulting from diesel particulate matter exposure are evaluated (acute health risks due to diesel particulate matter exposure have not been identified; see Table 11).

Typically, the potential risks are calculated at a given receiver for an emitted substance to estimate the individual risks associated with the release of the substance. The individual risks from each emitted substance are then combined to estimate the total potential health risks at that receiver. For the worst-case carcinogenic risk this receiver is a hypothetical maximally exposed individual (MEI) who is assumed to be exposed at a single location to the estimated maximum average concentrations of toxic chemicals emitted from a project for a 70-year lifetime. Using the hypothetical maximum impact for the risk analysis provides a health-conservative, upper-bound risk estimate of health

risks. The average person will not experience the high degree of exposure assumed for the MEI.

For non-carcinogenic risks, the worst-case chronic risk is based on the estimated maximum average annual concentrations of toxic chemicals emitted from a project or facility.

The “zone of impact” is the geographic area potentially affected by emissions from a facility or project. A common definition of the zone of impact for carcinogenic risks is the area exposed to an estimated residential carcinogenic risk of one excess incidence per million exposed people (1×10^{-6}) and greater. For non-carcinogenic substances, the zone of impact is generally the area exposed to a maximum off-site hazard index of 0.5 and greater. The zone of impact does *not* define significant impact areas. Rather, these areas require a greater level of consideration.

Under Proposition 65, the state of California considers an incremental excess cancer risk of less than 10 in 1,000,000 (10^{-5}) for each toxic chemical to be acceptable for involuntary exposure. For AB 2588, agencies in California have commonly established 10 in 1,000,000 as the risk threshold for notification; this threshold applies to the summed risk from all compounds emitted from a facility. For chronic health hazard indices, a value of 1 or greater is generally considered to be significant for the sum of all chemicals that affect a particular toxicological endpoint.

The APCD has adopted these values for notification of a potential air quality impact from permitted facilities. Furthermore, the APCD uses these thresholds (with the implementation of Toxics Best Available Control Technology) for the issuance of permits without the need for satisfying additional conditions specified in APCD Rule 1200 Section (d)(1)(iii). Therefore, for this analysis, an incremental cancer risk of greater than or equal to 10 in 1,000,000 to the MEI for exposure to diesel particulate emissions is considered significant. A hazard index greater than or equal to 1 for any toxicological endpoint is considered significant for chronic non-carcinogenic impacts.

7.1.5 Calculation of Health Risks

As discussed, the exposure and risk assessment methodology used in this analysis follows the OEHHA Risk Assessment Guidelines (State of California 2003a) and supplemental guidance from the APCD (County of San Diego 2006).

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. 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 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 11. 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).

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.

As noted, 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 evaluates the maximum potential health risk impacts (residential and worker) within the CPU area due to these existing external sources.

As mentioned previously, acute health effects have not been associated with diesel particulate emissions. Therefore, this assessment only considers carcinogenic and chronic non-carcinogenic effects.

7.1.5.1 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 ($D_{OSE-INH}$) of a toxic substance (in milligrams of dose per kilogram of body weight each day [mg/kg BW-day]) is multiplied by the cancer potency risk factor that substance (in [mg/kg BW-day]⁻¹) to estimate the individual excess (incremental) cancer risk.

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

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

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

where:

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

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

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

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

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 at each modeled receiver 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):

A = 1

EF = 350 days/year

ED = 70 years

AT = 25,550 days

with the values for the daily breathing rate as shown in Table 12 (State of California 2003a, 2003b, 2008).

**TABLE 12
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 Exposure Duration		30- & 70-Year Exposure Duration			Off-site Worker ¹
Average	High End	Average (65 th percentile)	80 th Percentile	High End (95 th percentile)	(Single Value)
452	581	271	302	393	149

¹This value corresponds to a 70 kg worker breathing 1.3 m³/hour for an 8-hour day. 1.3 m³/hr is the breathing rate recommended by 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, it is required that all health risk assessments address 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 12, 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 12, 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 Assessments guidance recommends that the risk for all three breathing rates be identified in the assessment (State of California 2003a, 2003b). However, using the 80th percentile breathing rate is consistent with CARB guidance (State of California 2008):

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.

Therefore, this discussion of residential incremental cancer risk in this assessment focuses on risks associated with the 80th percentile breathing rate and exposure over a 70-year period.

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 that are affected by facility emissions 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 12, a worker is assumed to breathe 149 L/kg BW—day for an 8-hour workday. With these exposure adjustments, the adjustment factors shown in Table 13 were applied to the 70-year residential inhalation excess cancer risk estimates to obtain the worker inhalation incremental cancer risk estimate.

**TABLE 13
ADJUSTMENT FACTORS TO CONVERT INHALATION-BASED CANCER RISK ESTIMATES FOR A
RESIDENTIAL RECEIVER TO A WORKER RECEIVER**

Worker Receiver Type (Hrs/Days/Weeks/Years)	Facility Operating Schedule (Hrs/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.

At each modeled location, 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^{-5}) 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.

7.1.5.2 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.

$$\text{chronichazardquotient} = \frac{C_{\text{ANN}}(\mu\text{g}/\text{m}^3)}{\text{REL}(\mu\text{g}/\text{m}^3)}$$

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.

7.2 Vehicular Diesel Emissions

7.2.1 Methodology

A health risk assessment was performed to consider the potential effects of placement of various land uses near I-805, SR-125, and SR-905 and major roadway carrying 50,000 average daily traffic (ADT) or more. This analysis includes a calculation of potential incremental cancer risks and chronic health hazard indices resulting from exposure to diesel particulates produced by vehicles using major roadways and freeways in the project area.

The calculation first involves generation of diesel particulate composite emission rates for the vehicle fleet using the EMFAC2011 program (State of California 2011). Diesel particulate emissions were assumed to be equal to the PM₁₀ running exhaust emissions from diesel powered vehicles. Emission factors were calculated for annual average conditions for San Diego County. Other default parameters provided by the model for the SDAB were used in the calculation of emission factors for each type of vehicle in the fleet.

7.2.2 Emission Estimates

Using the vehicle emissions, diesel particulate matter composite emission rates were then generated, which assumed approximately 5 percent of total traffic are diesel-emitting vehicles. The assumption of approximately 5 percent traffic being diesel-emitting is based on EMFAC2011 for San Diego County. The average traffic speed for freeways was assumed to be 65 miles per hour (mph) for non-heavy trucks; the average traffic speed for the heavy trucks on SR-905 and I-805 to be 55 mph. The resulting composite emission factors were 0.17637 grams/mile (g/mi) at 55 mph and 0.2657 g/mi at 65 mph. The EMFAC2011 output is contained in Attachment 2.

These emission factors were then applied to the vehicles using the freeway and the resulting emissions were dispersed using the AERMOD dispersion model. The AERMOD results in predicted concentrations of diesel particulates at over a modeled grid spaced at approximately 150 meters by 150 meters resulting in 3,528 receptor locations throughout the community. AERMOD inputs included topographic and atmospheric data, and emissions rates for each segment of the freeway. The modeling did not include any existing or future intervening structures or other emission sources.

Future traffic volumes for I-805, SR-905, and SR-125 and major roads in the CPU area were obtained from the Traffic Impact Analysis prepared for the CPU (Urban Systems Associates 2012). The future I-805 traffic volume varies between 107,500 and 248,000 average daily traffic (ADT) depending on the freeway segment and alternative. The future SR-905 total traffic volume varies between 64,000 and 253,500 ADT depending on the alternative. The year 2030 SR-125 total traffic volume varies between 76,000 and 155,500 ADT depending on the alternative. The average annual hourly traffic volume was assumed to be 10 percent of the ADT. The width of the roadways was taken to be the approximate average width of the traveled roadway plus 3 meters on either side to represent a pollutant mixing zone (State of California 1989).

Calculations were made for a grid of receivers throughout the community, as shown in Figure 5. Figure 5 also includes the freeway roadway segments used in the model. Traffic volumes for freeway ramps were not provided in the traffic analysis report; thus, only the freeway main lines were modeled as shown in Figure 5.

7.2.3 Atmospheric Dispersion Modeling of Toxic Emissions

Version 12060 of the U.S. EPA-approved American Meteorological Society/EPA Regulatory Model (AERMOD) was used for the air dispersion modeling (U.S. EPA 2004a, 2011a). AERMOD is the successor to the U.S. EPA's Industrial Source Complex (ISC) model for use in regulatory modeling applications per the U.S. EPA's *Guideline on Air Quality Models* (Guideline), published as Appendix W to Title 40 of the Code of Federal Regulations, Part 51 (40 CFR 51 Appendix W).

The AERMOD model allows modeling of point, area, and volume sources. It utilizes detailed meteorology and includes various regulatory options including stack-tip downwash, a routine for processing averages when calm winds or missing meteorological data occur, consideration of building downwash, and elevated terrain. The following provides discussion of specific inputs to the AERMOD model.

7.2.3.1 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 CFR 51 Appendix W § 8.3.1.2) specifies that generally five sequential years of data should be used in the risk assessment.

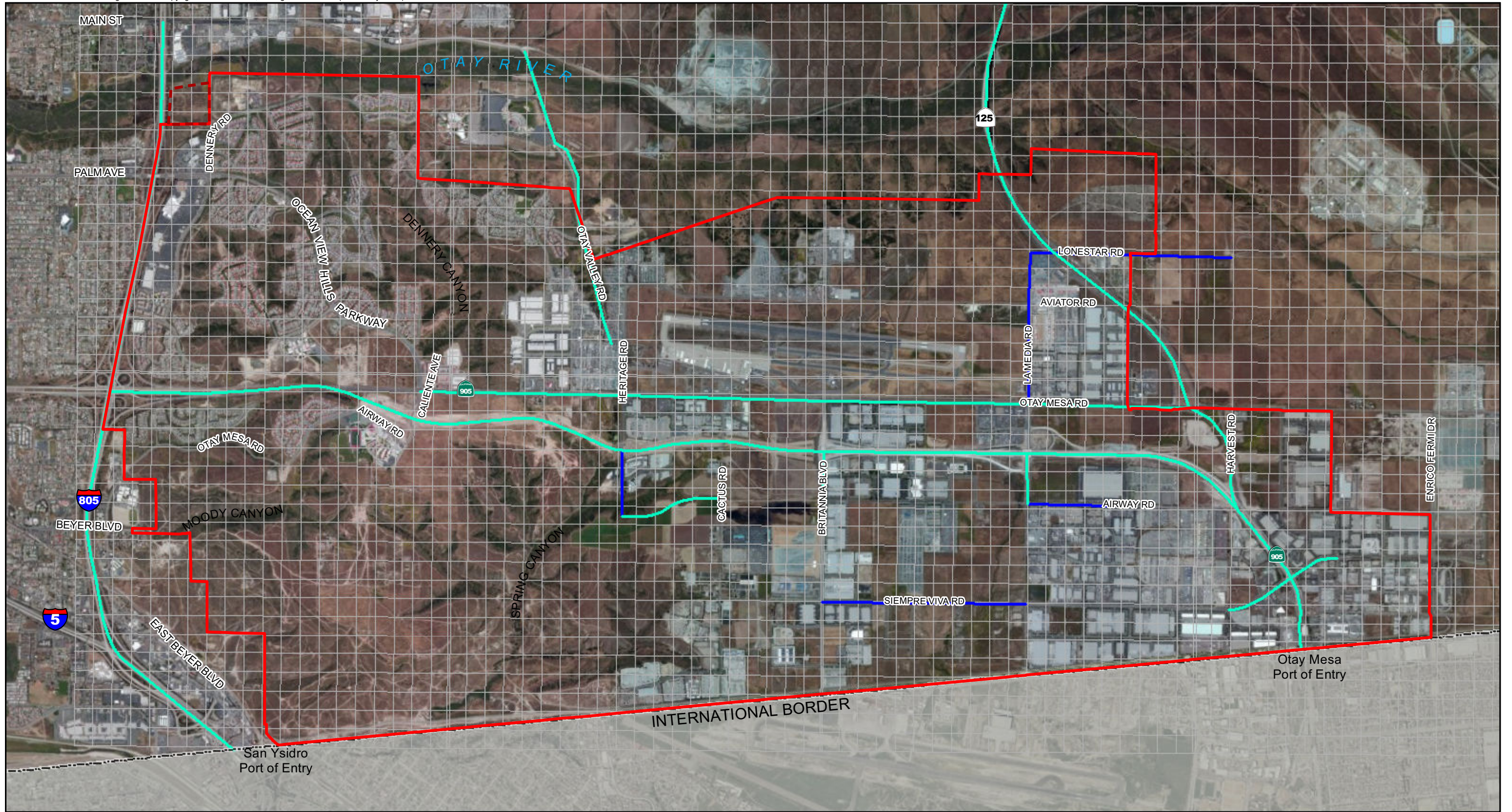
The National Weather Service (NWS) station nearest the project site that collects upper air data is at the Marine Corps Air Station (MCAS) Miramar. It was determined that the NWS station nearest the project site for which good quality surface data were available is the Lindbergh Field station (Hammer, pers. com. 2011). Figure 6 shows the proximity of these stations to the CPU area. 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, 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 7. 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 2004b, 2011b).

7.2.3.2 Urban/Rural Dispersion Coefficients

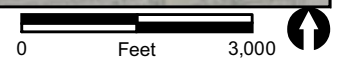
The AERMOD model has the ability to incorporate the effects of increased surface heating from urban areas on pollutant dispersion under stable atmospheric conditions. The decision whether to use urban or rural dispersion coefficients is determined using the EPA's Guideline.

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_0 , 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_0 , use urban dispersion coefficients; otherwise, use appropriate rural dispersion coefficients.



M:\JOBS2\13957-1\common_gis\2012\fig5_air.mxd 8/30/2013 fmm





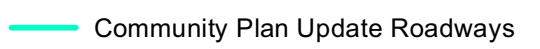
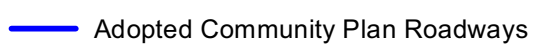
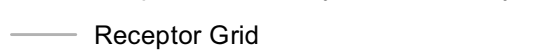
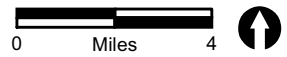
-  Otay Mesa Community Plan Boundary
-  Not A Part
-  Community Plan Update Roadways
-  Adopted Community Plan Roadways
-  Receptor Grid

FIGURE 5
Receptor Grid and Modeled Roadway Segments

THIS PAGE IS INTENTIONALLY BLANK.



M:\JOBS2\3957-1\common_gis\2012\fig6_air.mxd 1/22/2013





-  Otay Mesa Community Plan Boundary
-  Surface Air Stations

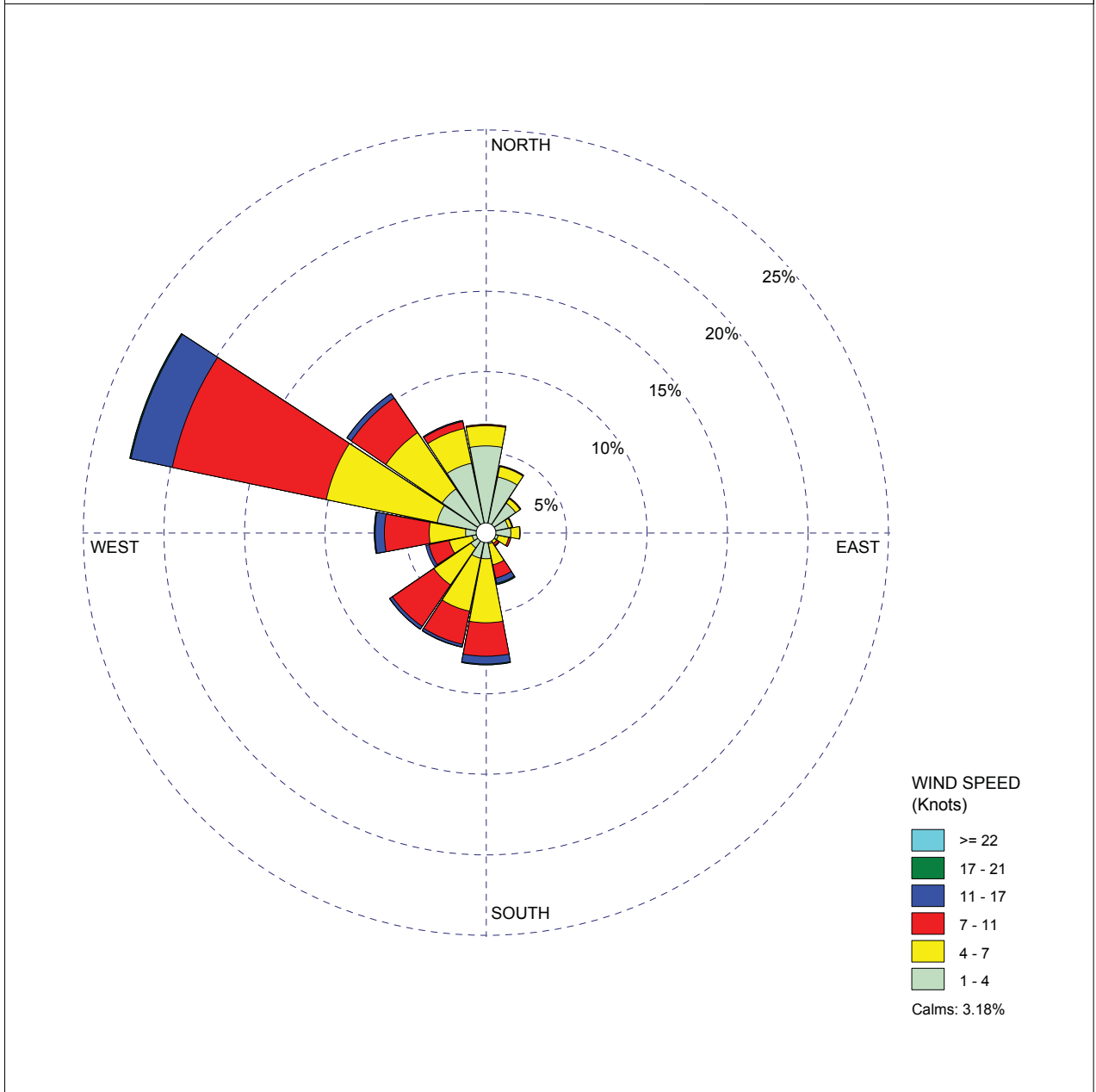
FIGURE 6
Meteorological Data Stations

WIND ROSE PLOT:

Station #23188
SAN DIEGO/LINDBERGH FIELD

DISPLAY:

Wind Speed
Direction (blowing from)



WRPLOT View - Lakes Environmental Software

FIGURE 7
Surface Wind Rose for Lindbergh Field 2006 to 2010

- d. Population Density Procedure: (1) Compute the average population density, \bar{p} per square kilometer with A_0 as defined above; (2) If \bar{p} is greater than 750 people/km², 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.
- 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 Figure 2 the area in and around the planning area generally rural in character.

Population data by census block for the area were obtained from SanGIS (2003 [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, the CPU area was considered an adequate sample area for determining the dispersion coefficient. Figure 8 shows the census blocks that are within the CPU boundary. Population data for partial census blocks are not available. Therefore, in Figure 8, census blocks are distinguished between those entirely contained within the CPU and those that are partially contained within the CPU. Using just those census blocks that are entirely within the CPU results in a calculated population density of approximately 379 people/km². although it is noted that much of this additional area is open water. The more conservative 379 people/km² is still below the 750 people/km². Therefore, the use of rural dispersion coefficients is appropriate.

7.2.3.3 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 ISC User's Guides (U.S. EPA 2004a 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, as

discussed previously. This results in a width of approximately 50 meters for freeway segments and 40 meters for major roadways.

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.

7.2.3.4 Receivers

Pollutant concentrations were modeled at a series of grid receivers throughout the CPU area. As seen in Figure 5, the receiver grid has 150-meter spacing and extends across the CPU boundary. For this assessment, flat site topography was assumed. Thus, the non-default "FLAT" option was specified in AERMOD. Receivers were assumed to be at a height of 5 feet.

7.2.4 Results

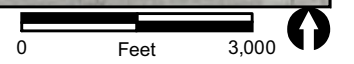
A single AERMOD run was created for all roadway and freeway sources. The results of the run provide the total average annual diesel particulate matter concentrations at each modeled grid receiver. The resulting total average annual diesel particulate matter concentrations were then used to calculate the incremental cancer risk and chronic health hazard index at each receiver as described above. Attachment 3 contains the AERMOD input and output data sheets.

7.2.4.1 Carcinogenic Risk

As discussed previously, 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. Isoleths of the residential incremental cancer risk for the 80th percentile under the Adopted Plan are shown in Figure 9 and the CPU in Figure 10. 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 and adjacent to the SR-905 is 4.3 in one million. The location of the MEIR and MEIW locations are shown in Figure 10, which occur south of the SR-905 and east of Ocean View Hills Parkway for the MEIR and east of the SR-905 and south of Siempre Viva for the MEIW. The maximum concentrations higher than at these locations occur within the SR-905 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



M:\JOBS2\13957-1\common_gis\2012\fig8_air.mxd 8/30/2013 fmm






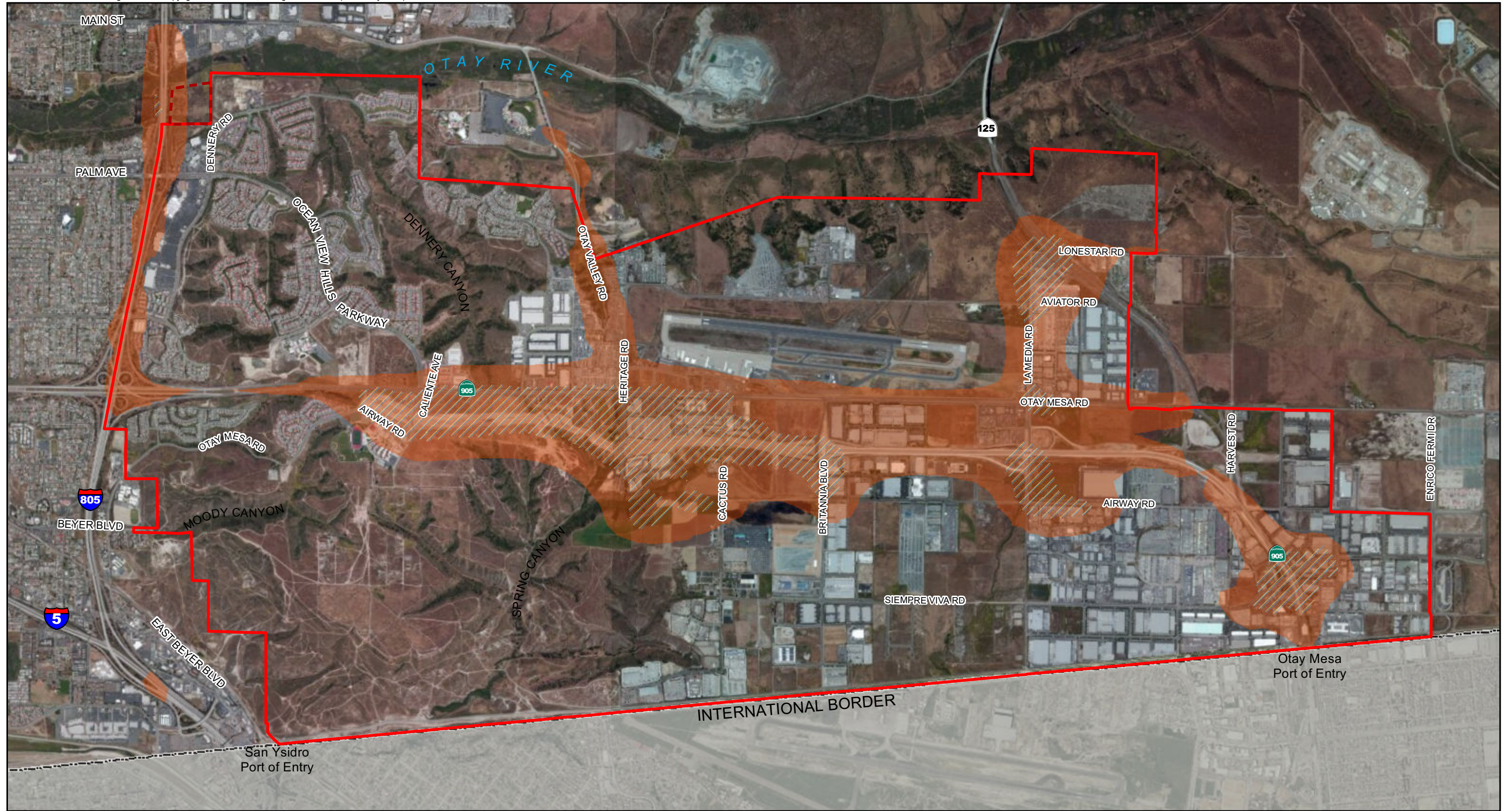
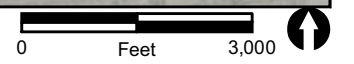
-  Otay Mesa Community Plan Boundary
-  Not A Part
-  Census Blocks

FIGURE 8
Census Blocks and Modeled Roadways

THIS PAGE IS INTENTIONALLY BLANK.



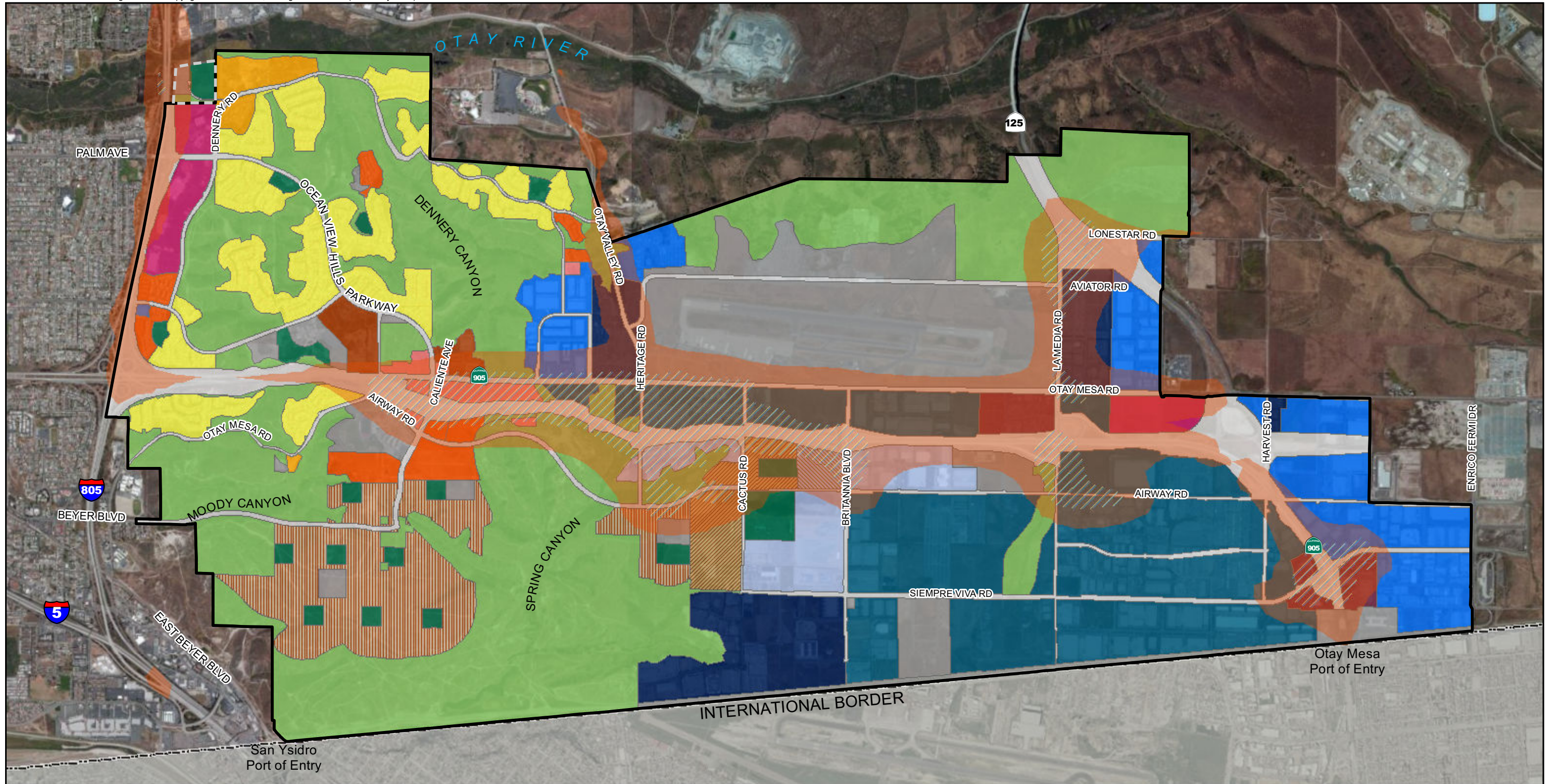
M:\JOBS2\13957-1\common_gis\2012\fig9_air.mxd 8/30/2013 fmm



- Otay Mesa Community Plan Boundary
- Not A Part
- Worker Exposure 1 in 1 million
- Residential Exposure 1 in 1 million

FIGURE 9
Adopted Community Plan Incremental
Cancer Risk for Existing Uses

THIS PAGE IS INTENTIONALLY BLANK.



M:\JOBS\213957-1\common_gis\2012\fig10_air.mxd 8/29/2013 fmm

- Otay Mesa Community Plan Boundary
- Not A Part
- Worker Exposure 1 in 1 million
- Residential Exposure 1 in 1 million

Proposed Land Use Plan

Open Space, Parks, Institutional

- Open Space
- Parks
- Institutional

Village Centers

- Community Village
- Neighborhood Village

Residential

- Low
- Low Medium
- Medium
- Medium High

Commercial - Residential Prohibited

- Community Commercial
- Regional Commercial
- Heavy Commercial

Industrial

- Business Park - Office Permitted
- Business and International Trade
- Light Industrial
- Heavy Industrial
- Business Park - Residential Permitted

Other

- Right-of-Way

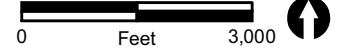


FIGURE 10
Community Plan Update
Incremental Cancer Risk for
Proposed Land Uses

THIS PAGE IS INTENTIONALLY BLANK.

the 95th percentile value. At this point of maximum impact the average (65th percentile) residential incremental cancer risk is 2.9 in one million, the 80th percentile residential incremental cancer risk is 3.3 in one million, and the worker incremental cancer risk is 0.61 in one million. This location is immediately east of SR-905 south of Siempre Viva, an industrial area, as such, the worker incremental cancer risk would apply to this location. Thus, this impact would not be considered significant.

As seen from Figure 10, 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 CPU area.

Figure 11 shows the locations of the modeled MEIR and MEIW for the CPU land uses. At the MEIR the average residential incremental cancer risk due to diesel particulates from the area traffic is 2.8 in one million; the 80th percentile residential incremental risk is 3.1 in one million; and the high-end residential incremental risk is 4.0 in one million. At the MEIW the worker incremental cancer risk due to diesel particulates is 0.57 in one million. These incremental cancer risks under the CPU are less than the risks calculated for the adopted plan. This is due to reduced overall traffic due to lower intensity development associated with the CPU.

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.

7.2.4.2 Chronic Risk

The results of the modeling analysis indicate that the chronic hazard index is 0.19, 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 CPU are not projected to be significant.

8.0 Conformance with Regional Plans and City Criteria

1. Would the proposed project obstruct or conflict with the implementation of the San Diego RAQS or applicable portions of the SIP?

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

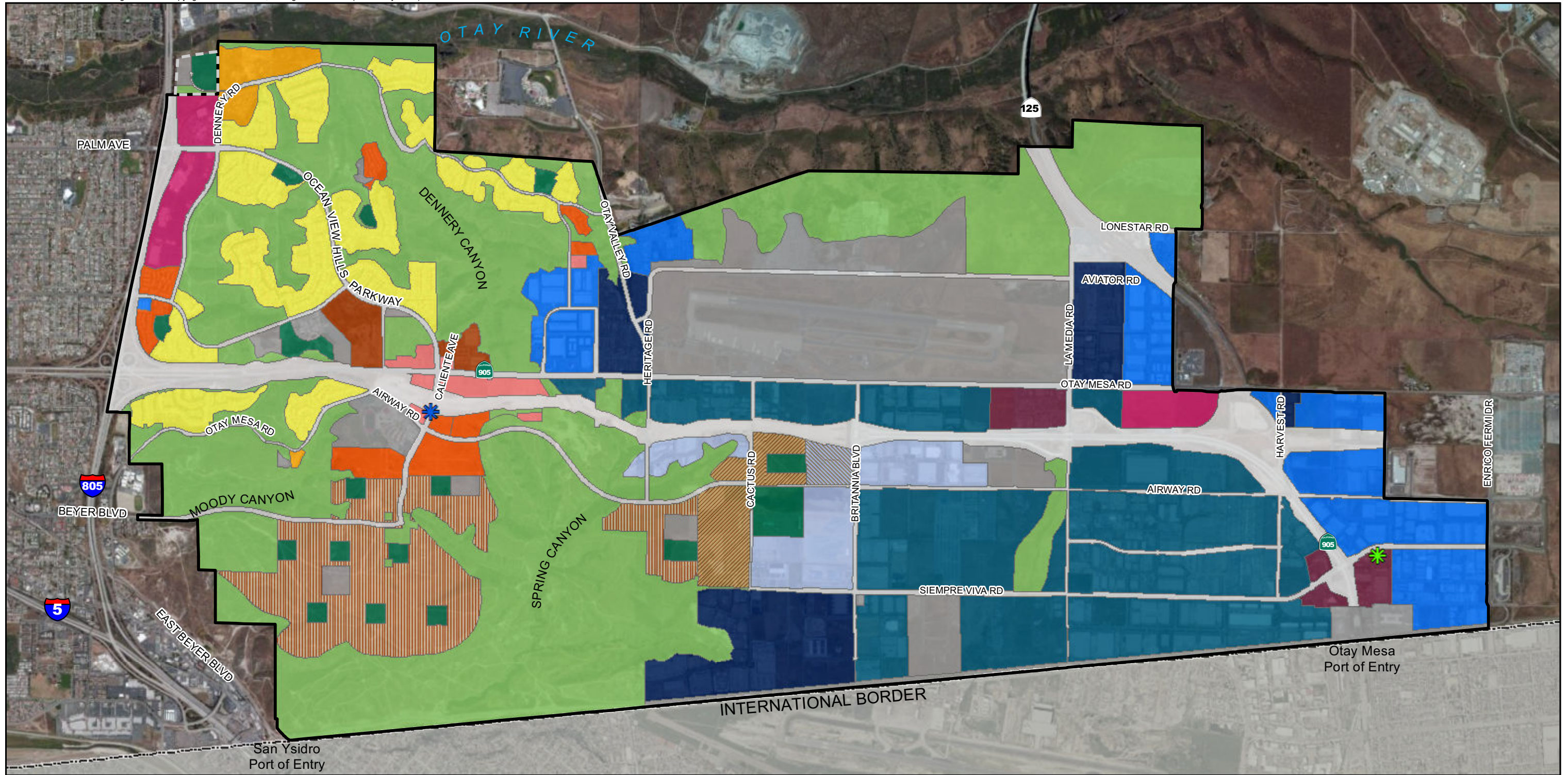
implement plans to attain the standards by the earliest practicable date. The two pollutants addressed in the RAQS are VOCs and NO_x, which are precursors to the formation of ozone. Projected increases in motor vehicle usage, population, and industrial growth create challenges in controlling emissions to maintain and further improve air quality. The RAQS, in conjunction with the TCM, were most recently adopted in 2009 as the air quality plan for the region. The basis for these plans is the distribution of population in the region as projected by SANDAG. Amending the adopted Otay Mesa Community Plan to change development potential would not necessarily result in an inconsistency between the current air quality plans (that are based on the adopted community plan) and the amended community plan as the focus of the RAQS is focused on emissions from the sources, not the actual land use.

Relative to the adopted community plan, the CPU would:

- Increase the number of residential units by approximately 51 percent;
- Decrease the amount of land designated for commercial development by 30 percent
- Increase the amount of land designated for institutional development by 13 percent; and
- Decrease the amount of land designated for industrial use by 15 percent.

Development under the adopted community plan would generate approximately 1,166,438 vehicle trips per day. Development associated with the CPU land uses would result in approximately 1,045,025 vehicle trips per day, which is 121,413 fewer trips than what would occur under the adopted community plan (Urban Systems Associates 2012).

As shown in Table 8, area and mobile emissions under the CPU would be less than area and mobile emissions under the adopted community plan for all criteria pollutants. The CARB mobile source emission projections and SANDAG growth projections are based on population and vehicle trends and land use plans developed in General Plans. As such, projects that propose development that is consistent with the growth anticipated by SANDAG's growth projections and/or the General Plan would be consistent with the RAQS. Because the growth projections are based on the adopted community plan land uses, and because the CPU would result in less emissions than the adopted community plan, it can be concluded that the CPU would be consistent with the RAQS. Impacts would be less than significant.



M:\JOBS\213957-1\common_gis\2012\fig11_air.mxd 8/29/2013 fmm

- Otay Mesa Community Plan Boundary
- Not A Part
- CPU Receptors**
- MEIR
- MEIW

- Proposed Land Use Plan**
- Open Space, Parks, Institutional**
- Open Space
 - Parks
 - Institutional
- Village Centers**
- Community Village
 - Neighborhood Village

- Residential**
- Low
 - Low Medium
 - Medium
 - Medium High
- Commercial - Residential Prohibited**
- Community Commercial
 - Regional Commercial
 - Heavy Commercial

- Industrial**
- Business Park - Office Permitted
 - Business and International Trade
 - Light Industrial
 - Heavy Industrial
 - Business Park - Residential Permitted
- Other**
- Right-of-Way

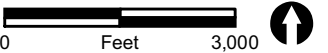


FIGURE 11
Maximum Exposed Individual
Community Plan Update

THIS PAGE IS INTENTIONALLY BLANK.

2. Would the proposed project result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation?

CO Hotspots

The CPU would potentially result in localized CO impacts at 28 intersections. Based on a review of the 28 intersection, the three intersections with the greatest delay and traffic volumes were selected for detailed CO analyses. Concentrations were calculated at Otay Mesa Road and Innovative Drive, Old Otay Mesa Road and Beyer Boulevard, and Otay Valley Road and Heritage Road. Based on the detailed analysis the highest concentrations would occur at Otay Valley Road and Heritage Road and maximum 1-hour concentrations would be approximately 8.4 ppm, while 8-hour concentrations would be approximately 5.9 ppm. These levels are below the 1- and 8-hour standards. Thus, the CPU would not result in adverse localized concentrations of CO emissions.

Stationary Sources

Stationary sources contribute to air pollution in the SDAB. Stationary sources include gasoline stations, power plants, dry cleaners, and other commercial and industrial uses. Stationary sources of air pollution are regulated by the SDAPCD. The CPU includes land uses with the potential to generate air pollutants. Specific project-level design information is needed to determine stationary source emission impacts. Therefore, at the program-level, impacts would be potentially significant.

Collocation

Future projects containing sensitive uses located within the buffer distances of the facilities indicated in Table 10, receptors would be exposed to toxic air emissions. Impacts would be significant.

As noted above, the region is not in compliance with the standards for criteria pollutants for ozone, PM_{10} and the state standard for $PM_{2.5}$. Contributions to these pollutants are analyzed in accordance with Threshold 3 below.

3. Would the proposed project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including release emissions which exceed quantitative thresholds for ozone precursors)?

The region is classified as non-attainment for ozone, PM_{10} , and $PM_{2.5}$. The SDAB is non-attainment for the 8-hour federal and state ozone standards, and non-attainment for the state PM_{10} and $PM_{2.5}$ standards. Ozone is not emitted directly, but is a result of atmospheric activity on precursors. Nitrogen oxides and hydrocarbons (reactive organic gases) are known as the chief “precursors” of ozone. These compounds react in the presence of sunlight to produce ozone.

Emissions due to construction of individual projects are not expected to exceed the applicable project-level thresholds. Approval of the CPU would not permit the construction of any individual project, and no specific development details are available at this time. The information related to construction is presented in Section 6.1 to illustrate the potential scope of air impacts for future projects that could be reviewed under the proposed community plan. 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 CPU to verify compliance at the project-level.

Long-term emissions of air pollutants occur from area and mobile sources. Area source pollutant emissions include those generated by the consumption of natural gas and electricity for space and water heating and the burning of wood in residential fireplaces. Vehicle travel would generate mobile source emissions including carbon monoxide, nitrogen oxides, and hydrocarbons

Total future ROG, SO₂, PM₁₀, and PM_{2.5} emissions under the adopted community plan and CPU are projected to be greater than existing emissions. This is due to the increase in development associated with buildout of the various plans. Total future NO_x and CO emissions under the adopted community plan and the CPU are projected to be less than existing emissions. This reduction in emissions is primarily related to anticipated reductions in vehicular emissions over time. Total emissions under the adopted community plan are projected to be greater than total emissions under the CPU for all pollutants. This is due to the decrease in development intensity under the CPU when compared to the adopted community plan.

4. Would the proposed project expose sensitive receptors to substantial pollutant concentration including air toxics such as diesel particulates?

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 CPU, therefore sensitive receptors would not be exposed to substantial pollutant concentrations.

Diesel Particulates

A single AERMOD run was created for all roadway and freeway sources. 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 these

assessments indicate that for these percentiles the residential and worker incremental cancer risk, due to diesel particulate matter emissions associated with operations in the project area, are less than 10 in a 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 0.19, below the significance threshold of 1.0. The location of this maximum impact occurs at the same location as the maximum incremental cancer risk previously referenced. Chronic risks resulting from diesel particulate matter emissions associated with the vehicles operating within and adjacent to the CPU are not projected to be significant.

Stationary Sources

It is possible that industries that generate air pollutants would be developed within these areas. Specific project-level design information is needed to determine stationary source emission impacts. Therefore, at the program-level, impacts would be potentially significant.

Collocation

Sensitive uses located within the buffer distances of the facilities indicated in Table 10 would be exposed to toxic air emissions. Impacts would be significant.

5. Would the proposed project create objectionable odors affecting a substantial number of people?

The Otay Landfill is located in the city of Chula Vista north of the Otay Mesa community. However, the landfill is located more than 1,000 feet from the northern project boundary. There are currently no odor generators on or near the project site.

Although the CPU area is adjacent to numerous industrial operations, there are no known sources of specific, long-term odors in the area. There are no agricultural operations in the CPU area. The CPU would allow a variety of land uses that are not typically associated with the creation of objectionable odors. The CPU does not propose any specific new sources of odor that could affect sensitive receptors. Impacts associated with odors are anticipated to be less than significant.

9.0 Conclusions and Recommendations

9.1 Consistency with Regional Plans

The criteria pollutant emissions of concern under the CPU are calculated to be less than those anticipated to occur under the adopted community plan. Therefore, the CPU land use changes would be consistent with the adopted air quality plans.

9.2 Criteria Pollutants

Total future ROG, SO₂, PM₁₀, and PM_{2.5} emissions under the adopted community plan and CPU are projected to be greater than existing emissions. This is due to the increase in development associated with buildout of the various plans. Total future emissions under the adopted community plan are projected to be greater than total emissions under the CPU for all pollutants. This is due to the decrease in development intensity under the CPU when compared to the adopted community plan. 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 CPU area cannot be adequately quantified, this impact would be significant.

The increase in future emissions of particulates and ozone precursors associated with the CPU would result in a significant air quality impact. The following mitigation framework shall be implemented; however, impacts would remain significant at the program-level.

AQ-1. For projects that would exceed daily construction emissions thresholds established by the City of San Diego, best available control measures/technology shall be incorporated 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) Dust control measures for construction sites to minimize fugitive dust, e.g. watering, soil stabilizers, and speed limits; and
- e) Minimizing idling time by construction vehicles.

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.

9.3 CO Hotspots

The hot spot analysis indicates that the increases of CO due to the CPU would be below the federal and state 1-hour standard. Therefore, 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 CPU.

9.4 Diesel Particulate Matter

The AERMOD analysis indicates that the carcinogenic risks associated with operations would be less than 10 in a million within the CPU 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.

9.5 Stationary Sources

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 are identified, the facility shall provide public notice, and if the facility poses a potentially significant public health risk, the facility shall submit a risk reduction audit and plan to demonstrate how the facility would reduce health risks.

9.6 Collocation

AQ-4. Prior to the issuance of building permits for any facility identified in Table 10 which is located closer than the identified buffer distances to any residential use shall prepare a health risk assessment demonstrating that health risks would be below a level of significance.

9.7 Odors

The CPU does not propose any specific new sources of odor that could affect sensitive receptors. Impacts associated with odors are anticipated to be less than significant.

10.0 References Cited

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.
- 2000 *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. California Air Resources Board. Stationary Source Division, Mobile Source Control Division. October.
- 2003a 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.
- 2003b Air Resources Board Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk. California Air Resources Board. October 9.
- 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.

- 2010a *PM2.5 and PM10 Natural Event Document – Southern California High Winds and Wildfires October/November 2007*. Obtained from the CARB website at <http://www.arb.ca.gov/desig/excevents/2007wildfires.htm> on January 3, 2011. (indicated to be a draft document on the website).
- 2010b Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values. October 18. Obtained from the CARB website at <http://www.arb.ca.gov/toxics/healthval/healthval.htm> on November 4, 2010.
- 2011 EMFAC 2011. Obtained from the CARB website at <http://www.arb.ca.gov/msei/modeling.htm> on November 6.
- 2012 Ambient Air Quality Standards. California Air Resources Board. September 8.
- 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.
- 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.
- San Diego, City of
- 2011 California Environmental Quality Act Significance Determination Thresholds. Development Services Department.
- San Diego, County of
- 1992 1991/1992 Regional Air Quality Strategies. Air Pollution Control District. June.
- 1998 Air Quality in San Diego County. 1997 Annual Report. San Diego Air Pollution Control District.
- 1999 Air Quality in San Diego County. 1998 Annual Report. San Diego Air Pollution Control District.
- 2006 *Supplemental Guidelines for Submission of Air Toxics “Hot Spots” Program Health Health [sic] Risk Assessments (HRAs)*. San Diego Air Pollution Control District. June.
- 2008 *Air Quality in San Diego County*. 2007 Annual Report. San Diego Air Pollution Control District.

Air Quality Analysis for the Otay Mesa Community Plan Update

- 2009 San Diego Air Pollution Control District Rules and Regulations. Accessed from the SDAPCD website at <http://www.sdapcd.org/rules/rules/randr.html>.
- 2010 California Air Toxics “Hot Spots” Information and Assessment Act (AB2588). 2009 Air Toxics “Hot Spots” Program Report for San Diego County. San Diego Air Pollution Control District.
- 2012 San Diego Air Pollution District Rules and Regulations. Accessed from the SDAPCD website at <http://www.sdapcd.org/rules/rules.html>.

SanGIS

- 2003 *Census Block/Pop&Housing* GIS shapefile obtained from the SanGIS website at: http://www.sangis.org/Download_GIS_Data.htm

South Coast Air Quality Management District (SCAQMD)

- 2006 Final Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds. October.
- 2007 Final 2003 Air Quality Management Plan. June.
- 2011 California Emission Estimator Model (CalEEMod) TM. Version 2011.1.1.

University of California, Davis

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

Urban Systems Associates

- 2012 Transportation Analysis for Otay Mesa Community Plan Update. June 14.

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 AMS/EPA Regulatory Model – AERMOD*. EPA-454/B-03-001. September.
- 2004b *User's Guide for the AERMOD Meteorological Preprocessor (AERMET)*. EPA-454/B-03-002. November.

2009a Proposed Rule to Implement the 1997 8-Hour Ozone National Ambient Air Quality Standard: Revision on Subpart 1 Area Reclassification and Anti-Backsliding Provisions under Former 1-Hour Ozone Standard, Proposed Rule. *Federal Register* 74(11):2936-2945. January 16.

2009b Air Quality Designations for the 2006 24-Hour Fine Particle (PM_{2.5}) National Ambient Air Quality Standards: Final Rule. *Federal Register* 74(218): 58717. November 13.

2011a *User's Guide for the AMS/EPA Regulatory Model – AERMOD – Addendum* (EPA-454/B-03-001, September 2004).

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

West Coast Collaborative

2011 *DERA Act Signed*. Obtained from the West Coast Collaborative website at <http://westcoastcollaborative.org/> on July 19, 2011.

Western Regional Climate Center

2011 Western U.S. Climate Historical Summaries: <http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca0968> and <http://www.wrcc.dri.edu/cgi-bin/cliLCD.pl?ca23188>. Accessed November 5.

THIS PAGE IS INTENTIONALLY BLANK.

ATTACHMENT 1
CalEEMod Data Sheets

THIS PAGE IS INTENTIONALLY BLANK.

3957.1 Otay Mesa CPU - Large Project Construction
San Diego County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	500	Dwelling Unit
Elementary School	450	Student
High School	1200	Student

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use -
- Demolition -
- Architectural Coating - CalGreen VOC limit = 150 g/L
- Construction Phase -

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2011	1.60	13.15	7.26	0.01	2.46	0.66	3.11	1.15	0.66	1.81	0.00	1,147.53	1,147.53	0.13	0.00	1,150.27
2012	1.47	11.33	7.19	0.01	1.53	0.57	2.10	0.56	0.57	1.13	0.00	1,224.45	1,224.45	0.12	0.00	1,226.94
2013	1.05	6.61	6.50	0.01	0.48	0.38	0.86	0.01	0.37	0.38	0.00	1,060.87	1,060.87	0.08	0.00	1,062.60
2014	0.96	6.11	6.19	0.01	0.48	0.34	0.82	0.01	0.33	0.34	0.00	1,054.85	1,054.85	0.08	0.00	1,056.44
2015	0.89	5.59	5.92	0.01	0.48	0.30	0.79	0.01	0.30	0.31	0.00	1,048.41	1,048.41	0.07	0.00	1,049.87
2016	0.82	5.13	5.68	0.01	0.48	0.27	0.75	0.01	0.27	0.28	0.00	1,041.71	1,041.71	0.06	0.00	1,043.06
2017	0.75	4.69	5.44	0.01	0.48	0.24	0.72	0.01	0.24	0.25	0.00	1,031.55	1,031.55	0.06	0.00	1,032.78
2018	0.70	4.31	5.27	0.01	0.48	0.22	0.70	0.01	0.21	0.22	0.00	1,029.72	1,029.72	0.05	0.00	1,030.87
2019	0.65	3.97	5.11	0.01	0.48	0.19	0.67	0.01	0.19	0.20	0.00	1,024.48	1,024.48	0.05	0.00	1,025.54
2020	0.61	3.67	4.99	0.01	0.48	0.17	0.66	0.01	0.17	0.18	0.00	1,023.57	1,023.57	0.05	0.00	1,024.55
2021	0.56	3.37	4.86	0.01	0.48	0.15	0.63	0.01	0.15	0.16	0.00	1,017.71	1,017.71	0.04	0.00	1,018.62
2022	0.53	3.12	4.73	0.01	0.48	0.13	0.61	0.01	0.13	0.14	0.00	1,009.78	1,009.78	0.04	0.00	1,010.63
2023	0.50	2.90	4.64	0.01	0.48	0.12	0.60	0.01	0.12	0.12	0.00	1,006.08	1,006.08	0.04	0.00	1,006.89
2024	0.42	2.48	3.67	0.01	0.27	0.13	0.39	0.00	0.12	0.13	0.00	707.99	707.99	0.03	0.00	708.68
2025	7.42	0.87	1.25	0.00	0.06	0.05	0.11	0.00	0.05	0.05	0.00	186.57	186.57	0.01	0.00	186.84

	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	tons/yr										MT/yr					
2026	2.55	0.04	0.10	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	18.07	18.07	0.00	0.00	18.08
Total	21.48	77.34	78.80	0.14	9.62	3.92	13.54	1.82	3.88	5.70	0.00	14,633.34	14,633.34	0.91	0.00	14,652.66

2.1 Overall Construction

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	tons/yr										MT/yr					
2011	1.60	13.15	7.26	0.01	2.43	0.66	3.09	1.15	0.66	1.81	0.00	1,147.53	1,147.53	0.13	0.00	1,150.27
2012	1.47	11.33	7.19	0.01	1.35	0.57	1.93	0.56	0.57	1.13	0.00	1,224.45	1,224.45	0.12	0.00	1,226.94
2013	1.05	6.61	6.50	0.01	0.02	0.38	0.40	0.01	0.37	0.38	0.00	1,060.87	1,060.87	0.08	0.00	1,062.60
2014	0.96	6.11	6.19	0.01	0.02	0.34	0.36	0.01	0.33	0.34	0.00	1,054.85	1,054.85	0.08	0.00	1,056.44
2015	0.89	5.59	5.92	0.01	0.02	0.30	0.33	0.01	0.30	0.31	0.00	1,048.41	1,048.41	0.07	0.00	1,049.87
2016	0.82	5.13	5.68	0.01	0.02	0.27	0.30	0.01	0.27	0.28	0.00	1,041.71	1,041.71	0.06	0.00	1,043.06
2017	0.75	4.69	5.44	0.01	0.02	0.24	0.27	0.01	0.24	0.25	0.00	1,031.55	1,031.55	0.06	0.00	1,032.78
2018	0.70	4.31	5.27	0.01	0.02	0.22	0.24	0.01	0.21	0.22	0.00	1,029.72	1,029.72	0.05	0.00	1,030.87
2019	0.65	3.97	5.11	0.01	0.02	0.19	0.22	0.01	0.19	0.20	0.00	1,024.48	1,024.48	0.05	0.00	1,025.54
2020	0.61	3.67	4.99	0.01	0.02	0.17	0.20	0.01	0.17	0.18	0.00	1,023.57	1,023.57	0.05	0.00	1,024.55
2021	0.56	3.37	4.86	0.01	0.02	0.15	0.18	0.01	0.15	0.16	0.00	1,017.71	1,017.71	0.04	0.00	1,018.62
2022	0.53	3.12	4.73	0.01	0.02	0.13	0.16	0.01	0.13	0.14	0.00	1,009.78	1,009.78	0.04	0.00	1,010.63
2023	0.50	2.90	4.64	0.01	0.02	0.12	0.14	0.01	0.12	0.12	0.00	1,006.08	1,006.08	0.04	0.00	1,006.89
2024	0.42	2.48	3.67	0.01	0.01	0.13	0.14	0.00	0.12	0.13	0.00	707.99	707.99	0.03	0.00	708.68
2025	7.42	0.87	1.25	0.00	0.00	0.05	0.06	0.00	0.05	0.05	0.00	186.57	186.57	0.01	0.00	186.84
2026	2.55	0.04	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.07	18.07	0.00	0.00	18.08
Total	21.48	77.34	78.80	0.14	4.01	3.92	8.02	1.82	3.88	5.70	0.00	14,633.34	14,633.34	0.91	0.00	14,652.66

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	37.47	0.47	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81
Energy	0.11	0.94	0.42	0.01		0.00	0.08		0.00	0.08	0.00	2,633.50	2,633.50	0.08	0.04	2,648.07
Mobile	8.15	17.55	85.56	0.10	9.85	0.65	10.51	0.16	0.58	0.73	0.00	9,430.70	9,430.70	0.58	0.00	9,442.95
Waste						0.00	0.00		0.00	0.00	180.14	0.00	180.14	10.65	0.00	403.71
Water						0.00	0.00		0.00	0.00	0.00	325.40	325.40	1.20	0.03	361.19
Total	45.73	18.96	128.58	0.13	9.85	0.65	16.07	0.16	0.58	6.29	696.62	13,045.54	13,742.16	13.00	0.12	14,053.73

2.2 Overall Operational

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	37.47	0.47	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81
Energy	0.11	0.94	0.42	0.01		0.00	0.08		0.00	0.08	0.00	2,633.50	2,633.50	0.08	0.04	2,648.07
Mobile	8.15	17.55	85.56	0.10	9.85	0.65	10.51	0.16	0.58	0.73	0.00	9,430.70	9,430.70	0.58	0.00	9,442.95
Waste						0.00	0.00		0.00	0.00	180.14	0.00	180.14	10.65	0.00	403.71
Water						0.00	0.00		0.00	0.00	0.00	325.40	325.40	1.20	0.03	361.19
Total	45.73	18.96	128.58	0.13	9.85	0.65	16.07	0.16	0.58	6.29	696.62	13,045.54	13,742.16	13.00	0.12	14,053.73

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2011

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	tons/yr										MT/yr					
Fugitive Dust					1.08	0.00	1.08	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.66	5.38	3.03	0.00		0.28	0.28		0.28	0.28	0.00	435.21	435.21	0.05	0.00	436.33
Total	0.66	5.38	3.03	0.00	1.08	0.28	1.36	0.60	0.28	0.88	0.00	435.21	435.21	0.05	0.00	436.33

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.05	10.05	0.00	0.00	10.07
Total	0.01	0.01	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.05	10.05	0.00	0.00	10.07

3.2 Site Preparation - 2011

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	tons/yr										MT/yr					
Fugitive Dust					1.08	0.00	1.08	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.66	5.38	3.03	0.00		0.28	0.28		0.28	0.28	0.00	435.21	435.21	0.05	0.00	436.33
Total	0.66	5.38	3.03	0.00	1.08	0.28	1.36	0.60	0.28	0.88	0.00	435.21	435.21	0.05	0.00	436.33

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05	10.05	0.00	0.00	10.07
Total	0.01	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05	10.05	0.00	0.00	10.07

3.3 Grading - 2011

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	tons/yr										MT/yr					
Fugitive Dust					1.34	0.00	1.34	0.56	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.92	7.75	4.04	0.01		0.38	0.38		0.38	0.38	0.00	689.24	689.24	0.07	0.00	690.81
Total	0.92	7.75	4.04	0.01	1.34	0.38	1.72	0.56	0.38	0.94	0.00	689.24	689.24	0.07	0.00	690.81

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	13.03	13.03	0.00	0.00	13.05
Total	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	13.03	13.03	0.00	0.00	13.05

3.3 Grading - 2011

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	tons/yr										MT/yr					
Fugitive Dust					1.34	0.00	1.34	0.56	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.92	7.75	4.04	0.01		0.38	0.38		0.38	0.38	0.00	689.24	689.24	0.07	0.00	690.81
Total	0.92	7.75	4.04	0.01	1.34	0.38	1.72	0.56	0.38	0.94	0.00	689.24	689.24	0.07	0.00	690.81

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.03	13.03	0.00	0.00	13.05
Total	0.01	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.03	13.03	0.00	0.00	13.05

3.3 Grading - 2012

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	tons/yr										MT/yr					
Fugitive Dust					1.34	0.00	1.34	0.56	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.06	8.83	4.68	0.01		0.43	0.43		0.43	0.43	0.00	836.94	836.94	0.09	0.00	838.75
Total	1.06	8.83	4.68	0.01	1.34	0.43	1.77	0.56	0.43	0.99	0.00	836.94	836.94	0.09	0.00	838.75

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.12	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.48	15.48	0.00	0.00	15.51
Total	0.01	0.01	0.12	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.48	15.48	0.00	0.00	15.51

3.3 Grading - 2012

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	tons/yr										MT/yr					
Fugitive Dust					1.34	0.00	1.34	0.56	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.06	8.83	4.68	0.01		0.43	0.43		0.43	0.43	0.00	836.94	836.94	0.09	0.00	838.75
Total	1.06	8.83	4.68	0.01	1.34	0.43	1.77	0.56	0.43	0.99	0.00	836.94	836.94	0.09	0.00	838.75

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	15.48	0.00	0.00	15.51
Total	0.01	0.01	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	15.48	0.00	0.00	15.51

3.4 Building Construction - 2012

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	tons/yr										MT/yr					
Off-Road	0.26	1.70	1.08	0.00		0.12	0.12		0.12	0.12	0.00	166.74	166.74	0.02	0.00	167.18
Total	0.26	1.70	1.08	0.00		0.12	0.12		0.12	0.12	0.00	166.74	166.74	0.02	0.00	167.18

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.70	0.45	0.00	0.03	0.02	0.06	0.00	0.02	0.02	0.00	96.29	96.29	0.00	0.00	96.35
Worker	0.08	0.09	0.85	0.00	0.14	0.01	0.14	0.00	0.00	0.01	0.00	109.00	109.00	0.01	0.00	109.16
Total	0.14	0.79	1.30	0.00	0.17	0.03	0.20	0.00	0.02	0.03	0.00	205.29	205.29	0.01	0.00	205.51

3.4 Building Construction - 2012

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	tons/yr										MT/yr					
Off-Road	0.26	1.70	1.08	0.00		0.12	0.12		0.12	0.12	0.00	166.74	166.74	0.02	0.00	167.18
Total	0.26	1.70	1.08	0.00		0.12	0.12		0.12	0.12	0.00	166.74	166.74	0.02	0.00	167.18

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.70	0.45	0.00	0.00	0.02	0.03	0.00	0.02	0.02	0.00	96.29	96.29	0.00	0.00	96.35
Worker	0.08	0.09	0.85	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	109.00	109.00	0.01	0.00	109.16
Total	0.14	0.79	1.30	0.00	0.01	0.03	0.04	0.00	0.02	0.03	0.00	205.29	205.29	0.01	0.00	205.51

3.4 Building Construction - 2013

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	tons/yr										MT/yr					
Off-Road	0.67	4.52	3.06	0.01		0.30	0.30		0.30	0.30	0.00	478.23	478.23	0.05	0.00	479.38
Total	0.67	4.52	3.06	0.01		0.30	0.30		0.30	0.30	0.00	478.23	478.23	0.05	0.00	479.38

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.17	1.85	1.19	0.00	0.09	0.06	0.15	0.00	0.06	0.06	0.00	276.63	276.63	0.01	0.00	276.79
Worker	0.20	0.23	2.25	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	306.02	306.02	0.02	0.00	306.44
Total	0.37	2.08	3.44	0.00	0.48	0.08	0.56	0.01	0.07	0.08	0.00	582.65	582.65	0.03	0.00	583.23

3.4 Building Construction - 2013

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	tons/yr										MT/yr					
Off-Road	0.67	4.52	3.06	0.01		0.30	0.30		0.30	0.30	0.00	478.23	478.23	0.05	0.00	479.38
Total	0.67	4.52	3.06	0.01		0.30	0.30		0.30	0.30	0.00	478.23	478.23	0.05	0.00	479.38

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.17	1.85	1.19	0.00	0.01	0.06	0.07	0.00	0.06	0.06	0.00	276.63	276.63	0.01	0.00	276.79
Worker	0.20	0.23	2.25	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	306.02	306.02	0.02	0.00	306.44
Total	0.37	2.08	3.44	0.00	0.03	0.08	0.10	0.01	0.07	0.08	0.00	582.65	582.65	0.03	0.00	583.23

3.4 Building Construction - 2014

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	tons/yr										MT/yr					
Off-Road	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28
Total	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.16	1.72	1.10	0.00	0.09	0.06	0.15	0.00	0.05	0.06	0.00	277.06	277.06	0.01	0.00	277.21
Worker	0.19	0.21	2.06	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	299.56	299.56	0.02	0.00	299.95
Total	0.35	1.93	3.16	0.00	0.48	0.08	0.56	0.01	0.06	0.08	0.00	576.62	576.62	0.03	0.00	577.16

3.4 Building Construction - 2014

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	tons/yr										MT/yr					
Off-Road	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28
Total	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.16	1.72	1.10	0.00	0.01	0.06	0.07	0.00	0.05	0.06	0.00	277.06	277.06	0.01	0.00	277.21
Worker	0.19	0.21	2.06	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	299.56	299.56	0.02	0.00	299.95
Total	0.35	1.93	3.16	0.00	0.03	0.08	0.10	0.01	0.06	0.08	0.00	576.62	576.62	0.03	0.00	577.16

3.4 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	tons/yr										MT/yr					
Off-Road	0.57	3.80	3.00	0.01		0.23	0.23		0.23	0.23	0.00	478.23	478.23	0.05	0.00	479.20
Total	0.57	3.80	3.00	0.01		0.23	0.23		0.23	0.23	0.00	478.23	478.23	0.05	0.00	479.20

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.14	1.60	1.02	0.00	0.09	0.05	0.15	0.00	0.05	0.05	0.00	277.45	277.45	0.01	0.00	277.58
Worker	0.18	0.19	1.90	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	292.73	292.73	0.02	0.00	293.09
Total	0.32	1.79	2.92	0.00	0.48	0.07	0.56	0.01	0.06	0.07	0.00	570.18	570.18	0.03	0.00	570.67

3.4 Building Construction - 2015

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	tons/yr										MT/yr					
Off-Road	0.57	3.80	3.00	0.01		0.23	0.23		0.23	0.23	0.00	478.23	478.23	0.05	0.00	479.20
Total	0.57	3.80	3.00	0.01		0.23	0.23		0.23	0.23	0.00	478.23	478.23	0.05	0.00	479.20

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.14	1.60	1.02	0.00	0.01	0.05	0.06	0.00	0.05	0.05	0.00	277.45	277.45	0.01	0.00	277.58
Worker	0.18	0.19	1.90	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	292.73	292.73	0.02	0.00	293.09
Total	0.32	1.79	2.92	0.00	0.03	0.07	0.09	0.01	0.06	0.07	0.00	570.18	570.18	0.03	0.00	570.67

3.4 Building Construction - 2016

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	tons/yr										MT/yr					
Off-Road	0.52	3.46	2.97	0.01		0.21	0.21		0.21	0.21	0.00	478.23	478.23	0.04	0.00	479.11
Total	0.52	3.46	2.97	0.01		0.21	0.21		0.21	0.21	0.00	478.23	478.23	0.04	0.00	479.11

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.13	1.49	0.95	0.00	0.09	0.05	0.14	0.00	0.05	0.05	0.00	277.81	277.81	0.01	0.00	277.94
Worker	0.16	0.18	1.75	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	285.67	285.67	0.02	0.00	286.01
Total	0.29	1.67	2.70	0.00	0.48	0.07	0.55	0.01	0.06	0.07	0.00	563.48	563.48	0.03	0.00	563.95

3.4 Building Construction - 2016

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	tons/yr										MT/yr					
Off-Road	0.52	3.46	2.97	0.01		0.21	0.21		0.21	0.21	0.00	478.23	478.23	0.04	0.00	479.11
Total	0.52	3.46	2.97	0.01		0.21	0.21		0.21	0.21	0.00	478.23	478.23	0.04	0.00	479.11

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.13	1.49	0.95	0.00	0.01	0.05	0.06	0.00	0.05	0.05	0.00	277.81	277.81	0.01	0.00	277.94
Worker	0.16	0.18	1.75	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	285.67	285.67	0.02	0.00	286.01
Total	0.29	1.67	2.70	0.00	0.03	0.07	0.09	0.01	0.06	0.07	0.00	563.48	563.48	0.03	0.00	563.95

3.4 Building Construction - 2017

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	tons/yr										MT/yr					
Off-Road	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20
Total	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.13	1.40	0.89	0.00	0.09	0.05	0.14	0.00	0.04	0.05	0.00	277.07	277.07	0.01	0.00	277.19
Worker	0.15	0.16	1.61	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	278.08	278.08	0.01	0.00	278.39
Total	0.28	1.56	2.50	0.00	0.48	0.07	0.55	0.01	0.05	0.07	0.00	555.15	555.15	0.02	0.00	555.58

3.4 Building Construction - 2017

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	tons/yr										MT/yr					
Off-Road	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20
Total	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.13	1.40	0.89	0.00	0.01	0.05	0.06	0.00	0.04	0.05	0.00	277.07	277.07	0.01	0.00	277.19
Worker	0.15	0.16	1.61	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	278.08	278.08	0.01	0.00	278.39
Total	0.28	1.56	2.50	0.00	0.03	0.07	0.09	0.01	0.05	0.07	0.00	555.15	555.15	0.02	0.00	555.58

3.4 Building Construction - 2018

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	tons/yr										MT/yr					
Off-Road	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97
Total	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.12	1.32	0.85	0.00	0.09	0.04	0.14	0.00	0.04	0.04	0.00	278.42	278.42	0.01	0.00	278.53
Worker	0.15	0.15	1.49	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	273.07	273.07	0.01	0.00	273.36
Total	0.27	1.47	2.34	0.00	0.48	0.06	0.55	0.01	0.05	0.06	0.00	551.49	551.49	0.02	0.00	551.89

3.4 Building Construction - 2018

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	tons/yr										MT/yr					
Off-Road	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97
Total	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.12	1.32	0.85	0.00	0.01	0.04	0.05	0.00	0.04	0.04	0.00	278.42	278.42	0.01	0.00	278.53
Worker	0.15	0.15	1.49	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	273.07	273.07	0.01	0.00	273.36
Total	0.27	1.47	2.34	0.00	0.03	0.06	0.08	0.01	0.05	0.06	0.00	551.49	551.49	0.02	0.00	551.89

3.4 Building Construction - 2019

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	tons/yr										MT/yr					
Off-Road	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91
Total	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.25	0.80	0.00	0.09	0.04	0.13	0.00	0.04	0.04	0.00	278.74	278.74	0.00	0.00	278.84
Worker	0.14	0.14	1.39	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	267.52	267.52	0.01	0.00	267.79
Total	0.25	1.39	2.19	0.00	0.48	0.06	0.54	0.01	0.05	0.06	0.00	546.26	546.26	0.01	0.00	546.63

3.4 Building Construction - 2019

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	tons/yr										MT/yr					
Off-Road	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91
Total	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.25	0.80	0.00	0.01	0.04	0.05	0.00	0.04	0.04	0.00	278.74	278.74	0.00	0.00	278.84
Worker	0.14	0.14	1.39	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	267.52	267.52	0.01	0.00	267.79
Total	0.25	1.39	2.19	0.00	0.03	0.06	0.08	0.01	0.05	0.06	0.00	546.26	546.26	0.01	0.00	546.63

3.4 Building Construction - 2020

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	tons/yr										MT/yr					
Off-Road	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68
Total	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.20	0.76	0.00	0.09	0.04	0.13	0.00	0.04	0.04	0.00	280.07	280.07	0.00	0.00	280.17
Worker	0.13	0.13	1.31	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	263.44	263.44	0.01	0.00	263.70
Total	0.24	1.33	2.07	0.00	0.48	0.06	0.54	0.01	0.05	0.06	0.00	543.51	543.51	0.01	0.00	543.87

3.4 Building Construction - 2020

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	tons/yr										MT/yr					
Off-Road	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68
Total	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.20	0.76	0.00	0.01	0.04	0.05	0.00	0.04	0.04	0.00	280.07	280.07	0.00	0.00	280.17
Worker	0.13	0.13	1.31	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	263.44	263.44	0.01	0.00	263.70
Total	0.24	1.33	2.07	0.00	0.03	0.06	0.08	0.01	0.05	0.06	0.00	543.51	543.51	0.01	0.00	543.87

3.4 Building Construction - 2021

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	tons/yr										MT/yr					
Off-Road	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79
Total	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.10	1.15	0.72	0.00	0.09	0.04	0.13	0.00	0.04	0.04	0.00	279.25	279.25	0.00	0.00	279.34
Worker	0.13	0.12	1.25	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	260.24	260.24	0.01	0.00	260.49
Total	0.23	1.27	1.97	0.00	0.48	0.06	0.54	0.01	0.05	0.06	0.00	539.49	539.49	0.01	0.00	539.83

3.4 Building Construction - 2021

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	tons/yr										MT/yr					
Off-Road	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79
Total	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.10	1.15	0.72	0.00	0.01	0.04	0.05	0.00	0.04	0.04	0.00	279.25	279.25	0.00	0.00	279.34
Worker	0.13	0.12	1.25	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	260.24	260.24	0.01	0.00	260.49
Total	0.23	1.27	1.97	0.00	0.03	0.06	0.08	0.01	0.05	0.06	0.00	539.49	539.49	0.01	0.00	539.83

3.4 Building Construction - 2022

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	tons/yr										MT/yr					
Off-Road	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92
Total	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.10	1.11	0.69	0.00	0.09	0.04	0.13	0.00	0.03	0.04	0.00	278.40	278.40	0.00	0.00	278.49
Worker	0.12	0.12	1.18	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	254.98	254.98	0.01	0.00	255.22
Total	0.22	1.23	1.87	0.00	0.48	0.06	0.54	0.01	0.04	0.06	0.00	533.38	533.38	0.01	0.00	533.71

3.4 Building Construction - 2022

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	tons/yr										MT/yr					
Off-Road	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92
Total	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.10	1.11	0.69	0.00	0.01	0.04	0.05	0.00	0.03	0.04	0.00	278.40	278.40	0.00	0.00	278.49
Worker	0.12	0.12	1.18	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	254.98	254.98	0.01	0.00	255.22
Total	0.22	1.23	1.87	0.00	0.03	0.06	0.08	0.01	0.04	0.06	0.00	533.38	533.38	0.01	0.00	533.71

3.4 Building Construction - 2023

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	tons/yr										MT/yr					
Off-Road	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89
Total	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.09	1.07	0.67	0.00	0.09	0.04	0.13	0.00	0.03	0.04	0.00	278.60	278.60	0.00	0.00	278.69
Worker	0.12	0.11	1.11	0.00	0.39	0.02	0.41	0.01	0.01	0.02	0.00	251.08	251.08	0.01	0.00	251.31
Total	0.21	1.18	1.78	0.00	0.48	0.06	0.54	0.01	0.04	0.06	0.00	529.68	529.68	0.01	0.00	530.00

3.4 Building Construction - 2023

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	tons/yr										MT/yr					
Off-Road	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89
Total	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.09	1.07	0.67	0.00	0.01	0.04	0.04	0.00	0.03	0.04	0.00	278.60	278.60	0.00	0.00	278.69
Worker	0.12	0.11	1.11	0.00	0.02	0.02	0.03	0.01	0.01	0.02	0.00	251.08	251.08	0.01	0.00	251.31
Total	0.21	1.18	1.78	0.00	0.03	0.06	0.07	0.01	0.04	0.06	0.00	529.68	529.68	0.01	0.00	530.00

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.15	0.84	1.54	0.00		0.03	0.03		0.03	0.03	0.00	256.52	256.52	0.01	0.00	256.77
Total	0.15	0.84	1.54	0.00		0.03	0.03		0.03	0.03	0.00	256.52	256.52	0.01	0.00	256.77

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.05	0.56	0.34	0.00	0.05	0.02	0.07	0.00	0.02	0.02	0.00	150.13	150.13	0.00	0.00	150.17
Worker	0.06	0.05	0.57	0.00	0.21	0.01	0.22	0.00	0.01	0.01	0.00	133.30	133.30	0.01	0.00	133.42
Total	0.11	0.61	0.91	0.00	0.26	0.03	0.29	0.00	0.03	0.03	0.00	283.43	283.43	0.01	0.00	283.59

3.4 Building Construction - 2024

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	tons/yr										MT/yr					
Off-Road	0.15	0.84	1.54	0.00		0.03	0.03		0.03	0.03	0.00	256.52	256.52	0.01	0.00	256.77
Total	0.15	0.84	1.54	0.00		0.03	0.03		0.03	0.03	0.00	256.52	256.52	0.01	0.00	256.77

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.05	0.56	0.34	0.00	0.00	0.02	0.02	0.00	0.02	0.02	0.00	150.13	150.13	0.00	0.00	150.17
Worker	0.06	0.05	0.57	0.00	0.01	0.01	0.02	0.00	0.01	0.01	0.00	133.30	133.30	0.01	0.00	133.42
Total	0.11	0.61	0.91	0.00	0.01	0.03	0.04	0.00	0.03	0.03	0.00	283.43	283.43	0.01	0.00	283.59

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	1.01	1.19	0.00		0.07	0.07		0.07	0.07	0.00	161.41	161.41	0.01	0.00	161.69
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	1.01	1.19	0.00		0.07	0.07		0.07	0.07	0.00	161.41	161.41	0.01	0.00	161.69

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.63	6.63	0.00	0.00	6.63
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.63	6.63	0.00	0.00	6.63

3.5 Paving - 2024

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	tons/yr										MT/yr					
Off-Road	0.16	1.01	1.19	0.00		0.07	0.07		0.07	0.07	0.00	161.41	161.41	0.01	0.00	161.69
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	1.01	1.19	0.00		0.07	0.07		0.07	0.07	0.00	161.41	161.41	0.01	0.00	161.69

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.63	6.63	0.00	0.00	6.63
Total	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.63	6.63	0.00	0.00	6.63

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.12	0.76	0.95	0.00		0.05	0.05		0.05	0.05	0.00	129.66	129.66	0.01	0.00	129.87
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.76	0.95	0.00		0.05	0.05		0.05	0.05	0.00	129.66	129.66	0.01	0.00	129.87

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.25	5.25	0.00	0.00	5.26
Total	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.25	5.25	0.00	0.00	5.26

3.5 Paving - 2025

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	tons/yr										MT/yr					
Off-Road	0.12	0.76	0.95	0.00		0.05	0.05		0.05	0.05	0.00	129.66	129.66	0.01	0.00	129.87
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.76	0.95	0.00		0.05	0.05		0.05	0.05	0.00	129.66	129.66	0.01	0.00	129.87

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	5.25	0.00	0.00	5.26
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	5.25	0.00	0.00	5.26

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.27					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.09	0.15	0.00		0.00	0.00		0.00	0.00	0.00	20.78	20.78	0.00	0.00	20.81
Total	7.28	0.09	0.15	0.00		0.00	0.00		0.00	0.00	0.00	20.78	20.78	0.00	0.00	20.81

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.13	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	30.88	30.88	0.00	0.00	30.90
Total	0.01	0.01	0.13	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	30.88	30.88	0.00	0.00	30.90

3.6 Architectural Coating - 2025

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	tons/yr										MT/yr					
Archit. Coating	7.27					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.09	0.15	0.00		0.00	0.00		0.00	0.00	0.00	20.78	20.78	0.00	0.00	20.81
Total	7.28	0.09	0.15	0.00		0.00	0.00		0.00	0.00	0.00	20.78	20.78	0.00	0.00	20.81

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.88	30.88	0.00	0.00	30.90
Total	0.01	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.88	30.88	0.00	0.00	30.90

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.54					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.05	0.00		0.00	0.00		0.00	0.00	0.00	7.27	7.27	0.00	0.00	7.28
Total	2.54	0.03	0.05	0.00		0.00	0.00		0.00	0.00	0.00	7.27	7.27	0.00	0.00	7.28

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.80	10.80	0.00	0.00	10.81
Total	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.80	10.80	0.00	0.00	10.81

3.6 Architectural Coating - 2026

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	tons/yr										MT/yr					
Archit. Coating	2.54					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.05	0.00		0.00	0.00		0.00	0.00	0.00	7.27	7.27	0.00	0.00	7.28
Total	2.54	0.03	0.05	0.00		0.00	0.00		0.00	0.00	0.00	7.27	7.27	0.00	0.00	7.28

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.80	10.80	0.00	0.00	10.81
Total	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.80	10.80	0.00	0.00	10.81

4.0 Mobile Detail

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	8.15	17.55	85.56	0.10	9.85	0.65	10.51	0.16	0.58	0.73	0.00	9,430.70	9,430.70	0.58	0.00	9,442.95
Unmitigated	8.15	17.55	85.56	0.10	9.85	0.65	10.51	0.16	0.58	0.73	0.00	9,430.70	9,430.70	0.58	0.00	9,442.95
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	580.50	0.00	0.00	914,262	914,262
High School	2,052.00	732.00	300.00	4,223,468	4,223,468
Single Family Housing	4,785.00	5,040.00	4385.00	13,603,481	13,603,481
Total	7,417.50	5,772.00	4,685.00	18,741,212	18,741,212

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00
High School	9.50	7.30	7.30	77.80	17.20	5.00

Land Use	Miles			Trip %		
	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
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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						0.00	0.00		0.00	0.00	0.00	1,550.78	1,550.78	0.06	0.02	1,558.76
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	1,550.78	1,550.78	0.06	0.02	1,558.76
NaturalGas Mitigated	0.11	0.94	0.42	0.01		0.00	0.08		0.00	0.08	0.00	1,082.72	1,082.72	0.02	0.02	1,089.31
NaturalGas Unmitigated	0.11	0.94	0.42	0.01		0.00	0.08		0.00	0.08	0.00	1,082.72	1,082.72	0.02	0.02	1,089.31
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	tons/yr										MT/yr					
Elementary School	233253	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	12.45	12.45	0.00	0.00	12.52
High School	986998	0.01	0.05	0.04	0.00		0.00	0.00		0.00	0.00	0.00	52.67	52.67	0.00	0.00	52.99
Single Family Housing	1.90692e+007	0.10	0.88	0.37	0.01		0.00	0.07		0.00	0.07	0.00	1,017.60	1,017.60	0.02	0.02	1,023.80
Total		0.11	0.94	0.42	0.01		0.00	0.07		0.00	0.07	0.00	1,082.72	1,082.72	0.02	0.02	1,089.31

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	tons/yr										MT/yr					
Elementary School	233253	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	12.45	12.45	0.00	0.00	12.52
High School	986998	0.01	0.05	0.04	0.00		0.00	0.00		0.00	0.00	0.00	52.67	52.67	0.00	0.00	52.99
Single Family Housing	1.90692e+007	0.10	0.88	0.37	0.01		0.00	0.07		0.00	0.07	0.00	1,017.60	1,017.60	0.02	0.02	1,023.80
Total		0.11	0.94	0.42	0.01		0.00	0.07		0.00	0.07	0.00	1,082.72	1,082.72	0.02	0.02	1,089.31

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Elementary School	224224					79.41	0.00	0.00	79.82
High School	948791					336.02	0.01	0.00	337.75
Single Family Housing	3.20573e+006					1,135.34	0.04	0.02	1,141.19
Total						1,550.77	0.05	0.02	1,558.76

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Elementary School	224224					79.41	0.00	0.00	79.82
High School	948791					336.02	0.01	0.00	337.75
Single Family Housing	3.20573e+006					1,135.34	0.04	0.02	1,141.19
Total						1,550.77	0.05	0.02	1,558.76

6.0 Area Detail

6.1 Mitigation Measures Area

	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	37.47	0.47	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81
Unmitigated	37.47	0.47	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	1.63					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	4.28					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	31.42	0.43	38.65	0.02		0.00	5.46		0.00	5.46	516.48	649.81	1,166.29	0.48	0.05	1,191.53
Landscaping	0.14	0.05	3.95	0.00		0.00	0.02		0.00	0.02	0.00	6.13	6.13	0.01	0.00	6.28
Total	37.47	0.48	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81

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	tons/yr										MT/yr					
Architectural Coating	1.63					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	4.28					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	31.42	0.43	38.65	0.02		0.00	5.46		0.00	5.46	516.48	649.81	1,166.29	0.48	0.05	1,191.53
Landscaping	0.14	0.05	3.95	0.00		0.00	0.02		0.00	0.02	0.00	6.13	6.13	0.01	0.00	6.28
Total	37.47	0.48	42.60	0.02		0.00	5.48		0.00	5.48	516.48	655.94	1,172.42	0.49	0.05	1,197.81

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					325.40	1.20	0.03	361.19
Unmitigated					325.40	1.20	0.03	361.19
Total	NA	NA	NA	NA	NA	NA	NA	NA

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Elementary School	1.09091 / 2.80519					16.08	0.03	0.00	17.12
High School	5.28595 / 13.5924					77.92	0.16	0.01	82.95
Single Family Housing	32.577 / 20.5377					231.41	1.00	0.03	261.12
Total						325.41	1.19	0.04	361.19

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Elementary School	1.09091 / 2.80519					16.08	0.03	0.00	17.12
High School	5.28595 / 13.5924					77.92	0.16	0.01	82.95
Single Family Housing	32.577 / 20.5377					231.41	1.00	0.03	261.12
Total						325.41	1.19	0.04	361.19

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					180.14	10.65	0.00	403.71
Unmitigated					180.14	10.65	0.00	403.71
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Elementary School	82.13					16.67	0.99	0.00	37.36
High School	219					44.46	2.63	0.00	99.63
Single Family Housing	586.3					119.01	7.03	0.00	266.72
Total						180.14	10.65	0.00	403.71

8.2 Waste by Land Use

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Elementary School	82.13					16.67	0.99	0.00	37.36
High School	219					44.46	2.63	0.00	99.63
Single Family Housing	586.3					119.01	7.03	0.00	266.72
Total						180.14	10.65	0.00	403.71

9.0 Vegetation

3957.1 Otay Mesa CPU - Large Project Construction
San Diego County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	500	Dwelling Unit
Elementary School	450	Student
High School	1200	Student

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use -
- Demolition -
- Architectural Coating - CalGreen VOC limit = 150 g/L
- Construction Phase -

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					
2011	13.32	110.93	59.31	0.10	18.30	5.44	22.92	9.93	5.44	14.55	0.00	11,075.00	0.00	1.19	0.00	11,100.09
2012	12.63	104.04	56.61	0.10	8.93	5.02	13.95	3.31	5.02	8.33	0.00	11,070.36	0.00	1.13	0.00	11,094.18
2013	7.99	51.11	49.75	0.09	4.22	2.88	7.11	0.07	2.83	2.90	0.00	9,136.21	0.00	0.70	0.00	9,150.87
2014	7.35	47.29	47.38	0.09	4.22	2.59	6.81	0.07	2.55	2.61	0.00	9,082.48	0.00	0.64	0.00	9,095.96
2015	6.77	43.28	45.27	0.09	4.22	2.33	6.55	0.07	2.29	2.35	0.00	9,024.84	0.00	0.59	0.00	9,037.31
2016	6.26	39.70	43.44	0.09	4.22	2.09	6.31	0.07	2.05	2.12	0.00	8,964.92	0.00	0.55	0.00	8,976.39
2017	5.79	36.44	41.78	0.09	4.22	1.87	6.09	0.07	1.83	1.90	0.00	8,909.52	0.00	0.50	0.00	8,920.06
2018	5.35	33.41	40.29	0.09	4.22	1.66	5.88	0.07	1.62	1.69	0.00	8,857.77	0.00	0.46	0.00	8,867.50
2019	4.95	30.74	39.02	0.09	4.22	1.47	5.70	0.07	1.44	1.50	0.00	8,810.93	0.00	0.43	0.00	8,819.93
2020	4.62	28.36	37.96	0.09	4.22	1.30	5.53	0.07	1.27	1.34	0.00	8,767.82	0.00	0.40	0.00	8,776.15
2021	4.31	26.13	37.12	0.09	4.22	1.16	5.38	0.07	1.12	1.19	0.00	8,750.39	0.00	0.37	0.00	8,758.13
2022	4.07	24.26	36.31	0.09	4.22	1.03	5.26	0.07	1.00	1.07	0.00	8,714.17	0.00	0.35	0.00	8,721.45
2023	3.86	22.60	35.57	0.09	4.22	0.92	5.15	0.07	0.89	0.96	0.00	8,681.01	0.00	0.33	0.00	8,687.91
2024	3.68	21.18	34.92	0.09	4.22	1.08	5.07	0.07	1.08	1.08	0.00	8,651.22	0.00	0.31	0.00	8,657.78
2025	89.50	15.60	19.90	0.03	0.69	0.96	1.16	0.01	0.96	0.96	0.00	3,043.63	0.00	0.23	0.00	3,048.43

	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					
2026	89.50	1.30	3.46	0.01	0.69	0.08	0.77	0.01	0.07	0.08	0.00	726.32	0.00	0.03	0.00	727.02
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2011	13.32	110.93	59.31	0.10	18.08	5.44	22.69	9.93	5.44	14.55	0.00	11,075.00	0.00	1.19	0.00	11,100.09
2012	12.63	104.04	56.61	0.10	8.68	5.02	13.70	3.31	5.02	8.33	0.00	11,070.36	0.00	1.13	0.00	11,094.18
2013	7.99	51.11	49.75	0.09	0.19	2.88	3.07	0.07	2.83	2.90	0.00	9,136.21	0.00	0.70	0.00	9,150.87
2014	7.35	47.29	47.38	0.09	0.19	2.59	2.78	0.07	2.55	2.61	0.00	9,082.48	0.00	0.64	0.00	9,095.96
2015	6.77	43.28	45.27	0.09	0.19	2.33	2.52	0.07	2.29	2.35	0.00	9,024.84	0.00	0.59	0.00	9,037.31
2016	6.26	39.70	43.44	0.09	0.19	2.09	2.28	0.07	2.05	2.12	0.00	8,964.92	0.00	0.55	0.00	8,976.39
2017	5.79	36.44	41.78	0.09	0.19	1.87	2.06	0.07	1.83	1.90	0.00	8,909.52	0.00	0.50	0.00	8,920.06
2018	5.35	33.41	40.29	0.09	0.19	1.66	1.85	0.07	1.62	1.69	0.00	8,857.77	0.00	0.46	0.00	8,867.50
2019	4.95	30.74	39.02	0.09	0.19	1.47	1.66	0.07	1.44	1.50	0.00	8,810.93	0.00	0.43	0.00	8,819.93
2020	4.62	28.36	37.96	0.09	0.19	1.30	1.49	0.07	1.27	1.34	0.00	8,767.82	0.00	0.40	0.00	8,776.15
2021	4.31	26.13	37.12	0.09	0.19	1.16	1.35	0.07	1.12	1.19	0.00	8,750.39	0.00	0.37	0.00	8,758.13
2022	4.07	24.26	36.31	0.09	0.19	1.03	1.22	0.07	1.00	1.07	0.00	8,714.17	0.00	0.35	0.00	8,721.45
2023	3.86	22.60	35.57	0.09	0.19	0.92	1.11	0.07	0.89	0.96	0.00	8,681.01	0.00	0.33	0.00	8,687.91
2024	3.68	21.18	34.92	0.09	0.19	1.08	1.09	0.07	1.08	1.08	0.00	8,651.22	0.00	0.31	0.00	8,657.78
2025	89.50	15.60	19.90	0.03	0.03	0.96	0.97	0.01	0.96	0.96	0.00	3,043.63	0.00	0.23	0.00	3,048.43
2026	89.50	1.30	3.46	0.01	0.03	0.08	0.10	0.01	0.07	0.08	0.00	726.32	0.00	0.03	0.00	727.02
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Energy	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Mobile	50.79	110.90	531.54	0.65	69.62	4.03	73.65	0.97	3.55	4.52		67,581.07		3.90		67,663.03
Total	349.06	121.25	967.24	1.05	69.62	4.03	130.95	0.97	3.55	61.81	6,440.14	80,019.48		16.93	0.56	86,987.26

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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Energy	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Mobile	50.79	110.90	531.54	0.65	69.62	4.03	73.65	0.97	3.55	4.52		67,581.07		3.90		67,663.03
Total	349.06	121.25	967.24	1.05	69.62	4.03	130.95	0.97	3.55	61.81	6,440.14	80,019.48		16.93	0.56	86,987.26

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2011

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	10.99	89.73	50.45	0.07		4.61	4.61		4.61	4.61		7,997.70		0.99		8,018.42
Total	10.99	89.73	50.45	0.07	18.07	4.61	22.68	9.93	4.61	14.54		7,997.70		0.99		8,018.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.14	1.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		196.51		0.01		196.80
Total	0.12	0.14	1.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		196.51		0.01		196.80

3.2 Site Preparation - 2011

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					18.07	0.00	18.07	9.93	0.00	9.93							0.00
Off-Road	10.99	89.73	50.45	0.07		4.61	4.61		4.61	4.61	0.00	7,997.70		0.99			8,018.42
Total	10.99	89.73	50.45	0.07	18.07	4.61	22.68	9.93	4.61	14.54	0.00	7,997.70		0.99			8,018.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.12	0.14	1.45	0.00	0.01	0.01	0.02	0.00	0.01	0.01		196.51		0.01			196.80
Total	0.12	0.14	1.45	0.00	0.01	0.01	0.02	0.00	0.01	0.01		196.51		0.01			196.80

3.3 Grading - 2011

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					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	13.18	110.77	57.70	0.10		5.43	5.43		5.43	5.43		10,856.66		1.18		10,881.42
Total	13.18	110.77	57.70	0.10	8.67	5.43	14.10	3.31	5.43	8.74		10,856.66		1.18		10,881.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.16	1.61	0.00	0.26	0.01	0.27	0.00	0.01	0.01		218.35		0.02		218.67
Total	0.14	0.16	1.61	0.00	0.26	0.01	0.27	0.00	0.01	0.01		218.35		0.02		218.67

3.3 Grading - 2011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	13.18	110.77	57.70	0.10		5.43	5.43		5.43	5.43	0.00	10,856.66		1.18		10,881.42
Total	13.18	110.77	57.70	0.10	8.67	5.43	14.10	3.31	5.43	8.74	0.00	10,856.66		1.18		10,881.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.16	1.61	0.00	0.01	0.01	0.02	0.00	0.01	0.01		218.35		0.02		218.67
Total	0.14	0.16	1.61	0.00	0.01	0.01	0.02	0.00	0.01	0.01		218.35		0.02		218.67

3.3 Grading - 2012

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					8.67	0.00	8.67	3.31	0.00	3.31							0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01		10,856.65		1.12			10,880.18
Total	12.50	103.90	55.13	0.10	8.67	5.01	13.68	3.31	5.01	8.32		10,856.65		1.12			10,880.18

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.13	0.15	1.48	0.00	0.26	0.01	0.27	0.00	0.01	0.01		213.70		0.01			214.00
Total	0.13	0.15	1.48	0.00	0.26	0.01	0.27	0.00	0.01	0.01		213.70		0.01			214.00

3.3 Grading - 2012

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01	0.00	10,856.65		1.12		10,880.18
Total	12.50	103.90	55.13	0.10	8.67	5.01	13.68	3.31	5.01	8.32	0.00	10,856.65		1.12		10,880.18

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.15	1.48	0.00	0.01	0.01	0.02	0.00	0.01	0.01		213.70		0.01		214.00
Total	0.13	0.15	1.48	0.00	0.01	0.01	0.02	0.00	0.01	0.01		213.70		0.01		214.00

3.4 Building Construction - 2012

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	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23
Total	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.36	15.88	9.09	0.02	0.79	0.53	1.32	0.02	0.48	0.50		2,340.42		0.07		2,341.83
Worker	1.68	1.93	19.47	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,810.19		0.19		2,814.13
Total	3.04	17.81	28.56	0.05	4.22	0.65	4.87	0.07	0.59	0.66		5,150.61		0.26		5,155.96

3.4 Building Construction - 2012

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	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23
Total	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.36	15.88	9.09	0.02	0.06	0.53	0.59	0.02	0.48	0.50		2,340.42		0.07		2,341.83
Worker	1.68	1.93	19.47	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,810.19		0.19		2,814.13
Total	3.04	17.81	28.56	0.05	0.19	0.65	0.84	0.07	0.59	0.66		5,150.61		0.26		5,155.96

3.4 Building Construction - 2013

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	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.25	14.68	8.41	0.02	0.79	0.48	1.27	0.02	0.44	0.46		2,344.35		0.06		2,345.65
Worker	1.56	1.77	17.89	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,751.24		0.17		2,754.90
Total	2.81	16.45	26.30	0.05	4.22	0.60	4.82	0.07	0.55	0.62		5,095.59		0.23		5,100.55

3.4 Building Construction - 2013

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	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.25	14.68	8.41	0.02	0.06	0.48	0.54	0.02	0.44	0.46		2,344.35		0.06		2,345.65
Worker	1.56	1.77	17.89	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,751.24		0.17		2,754.90
Total	2.81	16.45	26.30	0.05	0.19	0.60	0.79	0.07	0.55	0.62		5,095.59		0.23		5,100.55

3.4 Building Construction - 2014

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	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.16	13.60	7.74	0.02	0.79	0.45	1.24	0.02	0.41	0.43		2,348.19		0.06		2,349.39
Worker	1.45	1.62	16.44	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,693.67		0.16		2,697.07
Total	2.61	15.22	24.18	0.05	4.22	0.57	4.79	0.07	0.52	0.59		5,041.86		0.22		5,046.46

3.4 Building Construction - 2014

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	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51
Total	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.16	13.60	7.74	0.02	0.06	0.45	0.51	0.02	0.41	0.43		2,348.19		0.06		2,349.39
Worker	1.45	1.62	16.44	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,693.67		0.16		2,697.07
Total	2.61	15.22	24.18	0.05	0.19	0.57	0.76	0.07	0.52	0.59		5,041.86		0.22		5,046.46

3.4 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	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	12.64	7.14	0.02	0.79	0.41	1.20	0.02	0.38	0.40		2,351.59		0.05		2,352.70
Worker	1.36	1.49	15.15	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,632.63		0.15		2,635.80
Total	2.43	14.13	22.29	0.05	4.22	0.53	4.75	0.07	0.49	0.56		4,984.22		0.20		4,988.50

3.4 Building Construction - 2015

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	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81
Total	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	12.64	7.14	0.02	0.06	0.41	0.47	0.02	0.38	0.40		2,351.59		0.05		2,352.70
Worker	1.36	1.49	15.15	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,632.63		0.15		2,635.80
Total	2.43	14.13	22.29	0.05	0.19	0.53	0.72	0.07	0.49	0.56		4,984.22		0.20		4,988.50

3.4 Building Construction - 2016

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	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.00	11.81	6.64	0.02	0.79	0.39	1.18	0.02	0.35	0.37		2,354.85		0.05		2,355.88
Worker	1.28	1.37	14.00	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,569.46		0.14		2,572.42
Total	2.28	13.18	20.64	0.05	4.22	0.51	4.73	0.07	0.46	0.53		4,924.31		0.19		4,928.30

3.4 Building Construction - 2016

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	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58	0.00	4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58	0.00	4,040.61		0.36		4,048.10

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.00	11.81	6.64	0.02	0.06	0.39	0.45	0.02	0.35	0.37		2,354.85		0.05		2,355.88
Worker	1.28	1.37	14.00	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,569.46		0.14		2,572.42
Total	2.28	13.18	20.64	0.05	0.19	0.51	0.70	0.07	0.46	0.53		4,924.31		0.19		4,928.30

3.4 Building Construction - 2017

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	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.93	11.09	6.21	0.02	0.79	0.36	1.15	0.02	0.33	0.35		2,357.73		0.05		2,358.69
Worker	1.20	1.27	12.92	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,511.18		0.13		2,513.92
Total	2.13	12.36	19.13	0.05	4.22	0.48	4.70	0.07	0.44	0.51		4,868.91		0.18		4,872.61

3.4 Building Construction - 2017

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	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39	0.00	4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39	0.00	4,040.61		0.33		4,047.45

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.93	11.09	6.21	0.02	0.06	0.36	0.42	0.02	0.33	0.35		2,357.73		0.05		2,358.69
Worker	1.20	1.27	12.92	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,511.18		0.13		2,513.92
Total	2.13	12.36	19.13	0.05	0.19	0.48	0.67	0.07	0.44	0.51		4,868.91		0.18		4,872.61

3.4 Building Construction - 2018

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	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.88	10.46	5.84	0.02	0.79	0.34	1.13	0.02	0.31	0.33		2,360.32		0.04		2,361.22
Worker	1.13	1.17	11.95	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,456.84		0.12		2,459.41
Total	2.01	11.63	17.79	0.05	4.22	0.46	4.68	0.07	0.42	0.49		4,817.16		0.16		4,820.63

3.4 Building Construction - 2018

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	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20	0.00	4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20	0.00	4,040.62		0.30		4,046.87

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.88	10.46	5.84	0.02	0.06	0.34	0.40	0.02	0.31	0.33		2,360.32		0.04		2,361.22
Worker	1.13	1.17	11.95	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,456.84		0.12		2,459.41
Total	2.01	11.63	17.79	0.05	0.19	0.46	0.65	0.07	0.42	0.49		4,817.16		0.16		4,820.63

3.4 Building Construction - 2019

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	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.83	9.92	5.49	0.02	0.79	0.32	1.11	0.02	0.30	0.32		2,363.12		0.04		2,363.97
Worker	1.08	1.09	11.17	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,407.19		0.12		2,409.61
Total	1.91	11.01	16.66	0.05	4.22	0.44	4.66	0.07	0.41	0.48		4,770.31		0.16		4,773.58

3.4 Building Construction - 2019

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	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03	0.00	4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03	0.00	4,040.62		0.27		4,046.36

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.83	9.92	5.49	0.02	0.06	0.32	0.38	0.02	0.30	0.32		2,363.12		0.04		2,363.97
Worker	1.08	1.09	11.17	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,407.19		0.12		2,409.61
Total	1.91	11.01	16.66	0.05	0.19	0.44	0.63	0.07	0.41	0.48		4,770.31		0.16		4,773.58

3.4 Building Construction - 2020

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	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.79	9.47	5.22	0.02	0.79	0.31	1.10	0.02	0.28	0.30		2,365.47		0.04		2,366.28
Worker	1.03	1.01	10.50	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,361.73		0.11		2,364.02
Total	1.82	10.48	15.72	0.05	4.22	0.43	4.65	0.07	0.39	0.46		4,727.20		0.15		4,730.30

3.4 Building Construction - 2020

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	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88	0.00	4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88	0.00	4,040.62		0.25		4,045.85

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.79	9.47	5.22	0.02	0.06	0.31	0.37	0.02	0.28	0.30		2,365.47		0.04		2,366.28
Worker	1.03	1.01	10.50	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,361.73		0.11		2,364.02
Total	1.82	10.48	15.72	0.05	0.19	0.43	0.62	0.07	0.39	0.46		4,727.20		0.15		4,730.30

3.4 Building Construction - 2021

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	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	9.10	4.95	0.02	0.79	0.30	1.09	0.02	0.27	0.29		2,367.71		0.04		2,368.47
Worker	1.00	0.95	10.07	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,342.07		0.11		2,344.28
Total	1.75	10.05	15.02	0.05	4.22	0.42	4.65	0.07	0.38	0.45		4,709.78		0.15		4,712.75

3.4 Building Construction - 2021

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	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74	0.00	4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74	0.00	4,040.61		0.23		4,045.38

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	9.10	4.95	0.02	0.06	0.30	0.36	0.02	0.27	0.29		2,367.71		0.04		2,368.47
Worker	1.00	0.95	10.07	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,342.07		0.11		2,344.28
Total	1.75	10.05	15.02	0.05	0.19	0.42	0.61	0.07	0.38	0.45		4,709.78		0.15		4,712.75

3.4 Building Construction - 2022

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	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.72	8.79	4.74	0.02	0.79	0.29	1.08	0.02	0.27	0.29		2,369.71		0.03		2,370.44
Worker	0.97	0.90	9.53	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,303.85		0.10		2,305.96
Total	1.69	9.69	14.27	0.05	4.22	0.41	4.64	0.07	0.38	0.45		4,673.56		0.13		4,676.40

3.4 Building Construction - 2022

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	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62	0.00	4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62	0.00	4,040.61		0.21		4,045.05

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.72	8.79	4.74	0.02	0.06	0.29	0.35	0.02	0.27	0.29		2,369.71		0.03		2,370.44
Worker	0.97	0.90	9.53	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,303.85		0.10		2,305.96
Total	1.69	9.69	14.27	0.05	0.19	0.41	0.60	0.07	0.38	0.45		4,673.56		0.13		4,676.40

3.4 Building Construction - 2023

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	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.70	8.53	4.56	0.02	0.79	0.28	1.07	0.02	0.26	0.28		2,371.54		0.03		2,372.24
Worker	0.93	0.84	9.02	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,268.86		0.10		2,270.87
Total	1.63	9.37	13.58	0.05	4.22	0.40	4.63	0.07	0.37	0.44		4,640.40		0.13		4,643.11

3.4 Building Construction - 2023

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	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52	0.00	4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52	0.00	4,040.61		0.20		4,044.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.70	8.53	4.56	0.02	0.06	0.28	0.34	0.02	0.26	0.28		2,371.54		0.03		2,372.24
Worker	0.93	0.84	9.02	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,268.86		0.10		2,270.87
Total	1.63	9.37	13.58	0.05	0.19	0.40	0.59	0.07	0.37	0.44		4,640.40		0.13		4,643.11

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.67	8.32	4.38	0.02	0.79	0.27	1.07	0.02	0.25	0.27		2,373.42		0.03		2,374.10
Worker	0.90	0.80	8.59	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,237.19		0.09		2,239.13
Total	1.57	9.12	12.97	0.05	4.22	0.39	4.63	0.07	0.36	0.43		4,610.61		0.12		4,613.23

3.4 Building Construction - 2024

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	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45	0.00	4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45	0.00	4,040.62		0.19		4,044.56

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.67	8.32	4.38	0.02	0.06	0.27	0.34	0.02	0.25	0.27		2,373.42		0.03		2,374.10
Worker	0.90	0.80	8.59	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,237.19		0.09		2,239.13
Total	1.57	9.12	12.97	0.05	0.19	0.39	0.59	0.07	0.36	0.43		4,610.61		0.12		4,613.23

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07		2,917.65		0.24		2,922.63
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07		2,917.65		0.24		2,922.63

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.05	0.49	0.00	0.20	0.01	0.20	0.00	0.01	0.01		127.60		0.01		127.71
Total	0.05	0.05	0.49	0.00	0.20	0.01	0.20	0.00	0.01	0.01		127.60		0.01		127.71

3.5 Paving - 2024

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	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07	0.00	2,917.65		0.24		2,922.63
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07	0.00	2,917.65		0.24		2,922.63

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.05	0.49	0.00	0.01	0.01	0.01	0.00	0.01	0.01		127.60		0.01		127.71
Total	0.05	0.05	0.49	0.00	0.01	0.01	0.01	0.00	0.01	0.01		127.60		0.01		127.71

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96		2,917.65		0.22		2,922.34
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96		2,917.65		0.22		2,922.34

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.47	0.00	0.20	0.01	0.20	0.00	0.01	0.01		125.98		0.01		126.09
Total	0.05	0.04	0.47	0.00	0.20	0.01	0.20	0.00	0.01	0.01		125.98		0.01		126.09

3.5 Paving - 2025

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	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96	0.00	2,917.65		0.22		2,922.34
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96	0.00	2,917.65		0.22		2,922.34

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.47	0.00	0.01	0.01	0.01	0.00	0.01	0.01		125.98		0.01		126.09
Total	0.05	0.04	0.47	0.00	0.01	0.01	0.01	0.00	0.01	0.01		125.98		0.01		126.09

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.15	1.66	0.01	0.69	0.02	0.72	0.01	0.02	0.03		445.13		0.02		445.51
Total	0.17	0.15	1.66	0.01	0.69	0.02	0.72	0.01	0.02	0.03		445.13		0.02		445.51

3.6 Architectural Coating - 2025

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	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.15	1.66	0.01	0.03	0.02	0.05	0.01	0.02	0.03		445.13		0.02		445.51
Total	0.17	0.15	1.66	0.01	0.03	0.02	0.05	0.01	0.02	0.03		445.13		0.02		445.51

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.15	1.66	0.01	0.69	0.02	0.72	0.01	0.02	0.03		445.13		0.02		445.51
Total	0.17	0.15	1.66	0.01	0.69	0.02	0.72	0.01	0.02	0.03		445.13		0.02		445.51

3.6 Architectural Coating - 2026

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	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.15	1.66	0.01	0.03	0.02	0.05	0.01	0.02	0.03		445.13		0.02		445.51
Total	0.17	0.15	1.66	0.01	0.03	0.02	0.05	0.01	0.02	0.03		445.13		0.02		445.51

4.0 Mobile Detail

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	50.79	110.90	531.54	0.65	69.62	4.03	73.65	0.97	3.55	4.52		67,581.07		3.90		67,663.03
Unmitigated	50.79	110.90	531.54	0.65	69.62	4.03	73.65	0.97	3.55	4.52		67,581.07		3.90		67,663.03
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	580.50	0.00	0.00	914,262	914,262
High School	2,052.00	732.00	300.00	4,223,468	4,223,468
Single Family Housing	4,785.00	5,040.00	4385.00	13,603,481	13,603,481
Total	7,417.50	5,772.00	4,685.00	18,741,212	18,741,212

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00
High School	9.50	7.30	7.30	77.80	17.20	5.00

Land Use	Miles			Trip %		
	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
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
NaturalGas Unmitigated	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Elementary School	639.05	0.01	0.06	0.05	0.00		0.00	0.00		0.00	0.00		75.18		0.00	0.00	75.64
High School	2704.1	0.03	0.27	0.22	0.00		0.00	0.02		0.00	0.02		318.13		0.01	0.01	320.07
Single Family Housing	52244.3	0.56	4.81	2.05	0.03		0.00	0.39		0.00	0.39		6,146.39		0.12	0.11	6,183.80
Total		0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.51

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	lb/day										lb/day					
Elementary School	0.63905	0.01	0.06	0.05	0.00		0.00	0.00		0.00	0.00		75.18		0.00	0.00	75.64
High School	2.7041	0.03	0.27	0.22	0.00		0.00	0.02		0.00	0.02		318.13		0.01	0.01	320.07
Single Family Housing	52.2443	0.56	4.81	2.05	0.03		0.00	0.39		0.00	0.39		6,146.39		0.12	0.11	6,183.80
Total		0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.51

6.0 Area Detail

6.1 Mitigation Measures Area

	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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Unmitigated	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	8.96					0.00	0.00		0.00	0.00						0.00
Consumer Products	23.47					0.00	0.00		0.00	0.00						0.00
Hearth	263.71	4.69	389.47	0.37		0.00	56.66		0.00	56.66	6,440.14	5,823.53		12.81	0.44	12,667.70
Landscaping	1.53	0.52	43.91	0.00		0.00	0.22		0.00	0.22		75.18		0.09		77.03
Total	297.67	5.21	433.38	0.37		0.00	56.88		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73

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					
Architectural Coating	8.96					0.00	0.00		0.00	0.00						0.00
Consumer Products	23.47					0.00	0.00		0.00	0.00						0.00
Hearth	263.71	4.69	389.47	0.37		0.00	56.66		0.00	56.66	6,440.14	5,823.53		12.81	0.44	12,667.70
Landscaping	1.53	0.52	43.91	0.00		0.00	0.22		0.00	0.22		75.18		0.09		77.03
Total	297.67	5.21	433.38	0.37		0.00	56.88		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

3957.1 Otay Mesa CPU - Large Project Construction
San Diego County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	500	Dwelling Unit
Elementary School	450	Student
High School	1200	Student

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use -
- Demolition -
- Architectural Coating - CalGreen VOC limit = 150 g/L
- Construction Phase -

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					
2011	13.33	110.95	59.23	0.10	18.30	5.44	22.92	9.93	5.44	14.55	0.00	11,058.34	0.00	1.19	0.00	11,083.42
2012	12.64	104.06	56.54	0.10	8.93	5.02	13.95	3.31	5.02	8.33	0.00	11,054.01	0.00	1.13	0.00	11,077.83
2013	8.19	51.55	49.90	0.09	4.22	2.89	7.12	0.07	2.84	2.91	0.00	8,906.70	0.00	0.69	0.00	8,921.28
2014	7.54	47.66	47.56	0.09	4.22	2.60	6.82	0.07	2.55	2.62	0.00	8,856.44	0.00	0.64	0.00	8,869.84
2015	6.95	43.60	45.48	0.09	4.22	2.34	6.56	0.07	2.29	2.36	0.00	8,802.64	0.00	0.59	0.00	8,815.02
2016	6.43	39.96	43.67	0.09	4.22	2.10	6.32	0.07	2.06	2.12	0.00	8,746.80	0.00	0.54	0.00	8,758.19
2017	5.95	36.65	42.04	0.09	4.22	1.87	6.10	0.07	1.84	1.90	0.00	8,695.10	0.00	0.50	0.00	8,705.58
2018	5.50	33.58	40.57	0.09	4.22	1.67	5.89	0.07	1.63	1.70	0.00	8,646.78	0.00	0.46	0.00	8,656.42
2019	5.09	30.88	39.32	0.09	4.22	1.48	5.70	0.07	1.44	1.51	0.00	8,603.03	0.00	0.43	0.00	8,611.97
2020	4.76	28.47	38.28	0.09	4.22	1.31	5.53	0.07	1.28	1.34	0.00	8,562.77	0.00	0.39	0.00	8,571.03
2021	4.44	26.21	37.44	0.09	4.22	1.16	5.39	0.07	1.13	1.19	0.00	8,546.40	0.00	0.37	0.00	8,554.08
2022	4.20	24.31	36.63	0.09	4.22	1.04	5.26	0.07	1.00	1.07	0.00	8,512.58	0.00	0.34	0.00	8,519.79
2023	3.98	22.63	35.90	0.09	4.22	0.93	5.15	0.07	0.90	0.96	0.00	8,481.59	0.00	0.32	0.00	8,488.41
2024	3.80	21.19	35.25	0.09	4.22	1.08	5.07	0.07	1.08	1.08	0.00	8,453.72	0.00	0.31	0.00	8,460.21
2025	89.52	15.61	19.87	0.03	0.69	0.96	1.16	0.01	0.96	0.96	0.00	3,033.75	0.00	0.23	0.00	3,038.54

	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					
2026	89.52	1.31	3.35	0.01	0.69	0.08	0.77	0.01	0.07	0.08	0.00	691.41	0.00	0.03	0.00	692.09
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2011	13.33	110.95	59.23	0.10	18.08	5.44	22.69	9.93	5.44	14.55	0.00	11,058.34	0.00	1.19	0.00	11,083.42
2012	12.64	104.06	56.54	0.10	8.68	5.02	13.70	3.31	5.02	8.33	0.00	11,054.01	0.00	1.13	0.00	11,077.83
2013	8.19	51.55	49.90	0.09	0.19	2.89	3.08	0.07	2.84	2.91	0.00	8,906.70	0.00	0.69	0.00	8,921.28
2014	7.54	47.66	47.56	0.09	0.19	2.60	2.79	0.07	2.55	2.62	0.00	8,856.44	0.00	0.64	0.00	8,869.84
2015	6.95	43.60	45.48	0.09	0.19	2.34	2.53	0.07	2.29	2.36	0.00	8,802.64	0.00	0.59	0.00	8,815.02
2016	6.43	39.96	43.67	0.09	0.19	2.10	2.29	0.07	2.06	2.12	0.00	8,746.80	0.00	0.54	0.00	8,758.19
2017	5.95	36.65	42.04	0.09	0.19	1.87	2.06	0.07	1.84	1.90	0.00	8,695.10	0.00	0.50	0.00	8,705.58
2018	5.50	33.58	40.57	0.09	0.19	1.67	1.86	0.07	1.63	1.70	0.00	8,646.78	0.00	0.46	0.00	8,656.42
2019	5.09	30.88	39.32	0.09	0.19	1.48	1.67	0.07	1.44	1.51	0.00	8,603.03	0.00	0.43	0.00	8,611.97
2020	4.76	28.47	38.28	0.09	0.19	1.31	1.50	0.07	1.28	1.34	0.00	8,562.77	0.00	0.39	0.00	8,571.03
2021	4.44	26.21	37.44	0.09	0.19	1.16	1.35	0.07	1.13	1.19	0.00	8,546.40	0.00	0.37	0.00	8,554.08
2022	4.20	24.31	36.63	0.09	0.19	1.04	1.23	0.07	1.00	1.07	0.00	8,512.58	0.00	0.34	0.00	8,519.79
2023	3.98	22.63	35.90	0.09	0.19	0.93	1.12	0.07	0.90	0.96	0.00	8,481.59	0.00	0.32	0.00	8,488.41
2024	3.80	21.19	35.25	0.09	0.19	1.08	1.09	0.07	1.08	1.08	0.00	8,453.72	0.00	0.31	0.00	8,460.21
2025	89.52	15.61	19.87	0.03	0.03	0.96	0.97	0.01	0.96	0.96	0.00	3,033.75	0.00	0.23	0.00	3,038.54
2026	89.52	1.31	3.35	0.01	0.03	0.08	0.10	0.01	0.07	0.08	0.00	691.41	0.00	0.03	0.00	692.09
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Energy	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Mobile	54.58	116.95	524.82	0.60	69.62	4.07	73.69	0.97	3.59	4.56		63,219.64		3.99		63,303.40
Total	352.85	127.30	960.52	1.00	69.62	4.07	130.99	0.97	3.59	61.85	6,440.14	75,658.05		17.02	0.56	82,627.63

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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Energy	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Mobile	54.58	116.95	524.82	0.60	69.62	4.07	73.69	0.97	3.59	4.56		63,219.64		3.99		63,303.40
Total	352.85	127.30	960.52	1.00	69.62	4.07	130.99	0.97	3.59	61.85	6,440.14	75,658.05		17.02	0.56	82,627.63

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2011

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93							0.00
Off-Road	10.99	89.73	50.45	0.07		4.61	4.61		4.61	4.61		7,997.70		0.99			8,018.42
Total	10.99	89.73	50.45	0.07	18.07	4.61	22.68	9.93	4.61	14.54		7,997.70		0.99			8,018.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.14	0.16	1.38	0.00	0.23	0.01	0.24	0.00	0.01	0.01		181.52		0.01			181.80
Total	0.14	0.16	1.38	0.00	0.23	0.01	0.24	0.00	0.01	0.01		181.52		0.01			181.80

3.2 Site Preparation - 2011

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					18.07	0.00	18.07	9.93	0.00	9.93							0.00
Off-Road	10.99	89.73	50.45	0.07		4.61	4.61		4.61	4.61	0.00	7,997.70		0.99			8,018.42
Total	10.99	89.73	50.45	0.07	18.07	4.61	22.68	9.93	4.61	14.54	0.00	7,997.70		0.99			8,018.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.14	0.16	1.38	0.00	0.01	0.01	0.02	0.00	0.01	0.01		181.52		0.01			181.80
Total	0.14	0.16	1.38	0.00	0.01	0.01	0.02	0.00	0.01	0.01		181.52		0.01			181.80

3.3 Grading - 2011

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					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	13.18	110.77	57.70	0.10		5.43	5.43		5.43	5.43		10,856.66		1.18		10,881.42
Total	13.18	110.77	57.70	0.10	8.67	5.43	14.10	3.31	5.43	8.74		10,856.66		1.18		10,881.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.18	1.54	0.00	0.26	0.01	0.27	0.00	0.01	0.01		201.69		0.01		202.00
Total	0.15	0.18	1.54	0.00	0.26	0.01	0.27	0.00	0.01	0.01		201.69		0.01		202.00

3.3 Grading - 2011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	13.18	110.77	57.70	0.10		5.43	5.43		5.43	5.43	0.00	10,856.66		1.18		10,881.42
Total	13.18	110.77	57.70	0.10	8.67	5.43	14.10	3.31	5.43	8.74	0.00	10,856.66		1.18		10,881.42

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.18	1.54	0.00	0.01	0.01	0.02	0.00	0.01	0.01		201.69		0.01		202.00
Total	0.15	0.18	1.54	0.00	0.01	0.01	0.02	0.00	0.01	0.01		201.69		0.01		202.00

3.3 Grading - 2012

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					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01		10,856.65		1.12		10,880.18
Total	12.50	103.90	55.13	0.10	8.67	5.01	13.68	3.31	5.01	8.32		10,856.65		1.12		10,880.18

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.16	1.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		197.36		0.01		197.65
Total	0.14	0.16	1.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		197.36		0.01		197.65

3.3 Grading - 2012

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01	0.00	10,856.65		1.12		10,880.18
Total	12.50	103.90	55.13	0.10	8.67	5.01	13.68	3.31	5.01	8.32	0.00	10,856.65		1.12		10,880.18

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.16	1.41	0.00	0.01	0.01	0.02	0.00	0.01	0.01		197.36		0.01		197.65
Total	0.14	0.16	1.41	0.00	0.01	0.01	0.02	0.00	0.01	0.01		197.36		0.01		197.65

3.4 Building Construction - 2012

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	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23
Total	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.43	16.21	10.17	0.02	0.79	0.54	1.33	0.02	0.49	0.51		2,322.27		0.07		2,323.74
Worker	1.84	2.12	18.50	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,595.24		0.18		2,599.04
Total	3.27	18.33	28.67	0.05	4.22	0.66	4.88	0.07	0.60	0.67		4,917.51		0.25		4,922.78

3.4 Building Construction - 2012

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	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23
Total	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.43	16.21	10.17	0.02	0.06	0.54	0.60	0.02	0.49	0.51		2,322.27		0.07		2,323.74
Worker	1.84	2.12	18.50	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,595.24		0.18		2,599.04
Total	3.27	18.33	28.67	0.05	0.19	0.66	0.85	0.07	0.60	0.67		4,917.51		0.25		4,922.78

3.4 Building Construction - 2013

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	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.32	14.95	9.47	0.02	0.79	0.49	1.28	0.02	0.45	0.47		2,325.82		0.06		2,327.18
Worker	1.70	1.94	16.98	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,540.27		0.17		2,543.79
Total	3.02	16.89	26.45	0.05	4.22	0.61	4.83	0.07	0.56	0.63		4,866.09		0.23		4,870.97

3.4 Building Construction - 2013

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	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.32	14.95	9.47	0.02	0.06	0.49	0.55	0.02	0.45	0.47		2,325.82		0.06		2,327.18
Worker	1.70	1.94	16.98	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,540.27		0.17		2,543.79
Total	3.02	16.89	26.45	0.05	0.19	0.61	0.80	0.07	0.56	0.63		4,866.09		0.23		4,870.97

3.4 Building Construction - 2014

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	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.22	13.82	8.79	0.02	0.79	0.46	1.25	0.02	0.42	0.44		2,329.24		0.06		2,330.49
Worker	1.58	1.78	15.57	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,486.58		0.16		2,489.84
Total	2.80	15.60	24.36	0.05	4.22	0.58	4.80	0.07	0.53	0.60		4,815.82		0.22		4,820.33

3.4 Building Construction - 2014

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	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51
Total	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.22	13.82	8.79	0.02	0.06	0.46	0.52	0.02	0.42	0.44		2,329.24		0.06		2,330.49
Worker	1.58	1.78	15.57	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,486.58		0.16		2,489.84
Total	2.80	15.60	24.36	0.05	0.19	0.58	0.77	0.07	0.53	0.60		4,815.82		0.22		4,820.33

3.4 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	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.81	8.18	0.02	0.79	0.42	1.21	0.02	0.39	0.41		2,332.24		0.06		2,333.40
Worker	1.48	1.63	14.32	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,429.78		0.14		2,432.81
Total	2.61	14.44	22.50	0.05	4.22	0.54	4.76	0.07	0.50	0.57		4,762.02		0.20		4,766.21

3.4 Building Construction - 2015

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	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81
Total	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.81	8.18	0.02	0.06	0.42	0.48	0.02	0.39	0.41		2,332.24		0.06		2,333.40
Worker	1.48	1.63	14.32	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,429.78		0.14		2,432.81
Total	2.61	14.44	22.50	0.05	0.19	0.54	0.73	0.07	0.50	0.57		4,762.02		0.20		4,766.21

3.4 Building Construction - 2016

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	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.05	11.94	7.66	0.02	0.79	0.39	1.18	0.02	0.36	0.38		2,335.10		0.05		2,336.18
Worker	1.39	1.51	13.21	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,371.09		0.13		2,373.91
Total	2.44	13.45	20.87	0.05	4.22	0.51	4.73	0.07	0.47	0.54		4,706.19		0.18		4,710.09

3.4 Building Construction - 2016

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	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58	0.00	4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58	0.00	4,040.61		0.36		4,048.10

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.05	11.94	7.66	0.02	0.06	0.39	0.45	0.02	0.36	0.38		2,335.10		0.05		2,336.18
Worker	1.39	1.51	13.21	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,371.09		0.13		2,373.91
Total	2.44	13.45	20.87	0.05	0.19	0.51	0.70	0.07	0.47	0.54		4,706.19		0.18		4,710.09

3.4 Building Construction - 2017

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	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.99	11.18	7.22	0.02	0.79	0.37	1.16	0.02	0.34	0.36		2,337.61		0.05		2,338.62
Worker	1.31	1.39	12.17	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,316.87		0.13		2,319.50
Total	2.30	12.57	19.39	0.05	4.22	0.49	4.71	0.07	0.45	0.52		4,654.48		0.18		4,658.12

3.4 Building Construction - 2017

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	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39	0.00	4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39	0.00	4,040.61		0.33		4,047.45

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.99	11.18	7.22	0.02	0.06	0.37	0.43	0.02	0.34	0.36		2,337.61		0.05		2,338.62
Worker	1.31	1.39	12.17	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,316.87		0.13		2,319.50
Total	2.30	12.57	19.39	0.05	0.19	0.49	0.68	0.07	0.45	0.52		4,654.48		0.18		4,658.12

3.4 Building Construction - 2018

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	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.93	10.52	6.84	0.02	0.79	0.35	1.14	0.02	0.32	0.34		2,339.86		0.05		2,340.81
Worker	1.23	1.28	11.24	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,266.30		0.12		2,268.75
Total	2.16	11.80	18.08	0.05	4.22	0.47	4.69	0.07	0.43	0.50		4,606.16		0.17		4,609.56

3.4 Building Construction - 2018

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	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20	0.00	4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20	0.00	4,040.62		0.30		4,046.87

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.93	10.52	6.84	0.02	0.06	0.35	0.41	0.02	0.32	0.34		2,339.86		0.05		2,340.81
Worker	1.23	1.28	11.24	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,266.30		0.12		2,268.75
Total	2.16	11.80	18.08	0.05	0.19	0.47	0.66	0.07	0.43	0.50		4,606.16		0.17		4,609.56

3.4 Building Construction - 2019

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	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.88	9.95	6.47	0.02	0.79	0.33	1.12	0.02	0.30	0.32		2,342.28		0.04		2,343.17
Worker	1.17	1.19	10.49	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,220.13		0.11		2,222.43
Total	2.05	11.14	16.96	0.05	4.22	0.45	4.67	0.07	0.41	0.48		4,562.41		0.15		4,565.60

3.4 Building Construction - 2019

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	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03	0.00	4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03	0.00	4,040.62		0.27		4,046.36

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.88	9.95	6.47	0.02	0.06	0.33	0.39	0.02	0.30	0.32		2,342.28		0.04		2,343.17
Worker	1.17	1.19	10.49	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,220.13		0.11		2,222.43
Total	2.05	11.14	16.96	0.05	0.19	0.45	0.64	0.07	0.41	0.48		4,562.41		0.15		4,565.60

3.4 Building Construction - 2020

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	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.83	9.47	6.19	0.02	0.79	0.31	1.11	0.02	0.29	0.31		2,344.31		0.04		2,345.15
Worker	1.12	1.11	9.85	0.03	3.43	0.12	3.55	0.05	0.11	0.16		2,177.85		0.10		2,180.02
Total	1.95	10.58	16.04	0.05	4.22	0.43	4.66	0.07	0.40	0.47		4,522.16		0.14		4,525.17

3.4 Building Construction - 2020

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	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88	0.00	4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88	0.00	4,040.62		0.25		4,045.85

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.83	9.47	6.19	0.02	0.06	0.31	0.38	0.02	0.29	0.31		2,344.31		0.04		2,345.15
Worker	1.12	1.11	9.85	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,177.85		0.10		2,180.02
Total	1.95	10.58	16.04	0.05	0.19	0.43	0.63	0.07	0.40	0.47		4,522.16		0.14		4,525.17

3.4 Building Construction - 2021

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	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.80	9.09	5.92	0.02	0.79	0.30	1.09	0.02	0.28	0.30		2,346.23		0.04		2,347.03
Worker	1.09	1.04	9.43	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,159.56		0.10		2,161.67
Total	1.89	10.13	15.35	0.05	4.22	0.42	4.65	0.07	0.39	0.46		4,505.79		0.14		4,508.70

3.4 Building Construction - 2021

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	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74	0.00	4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74	0.00	4,040.61		0.23		4,045.38

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.80	9.09	5.92	0.02	0.06	0.30	0.36	0.02	0.28	0.30		2,346.23		0.04		2,347.03
Worker	1.09	1.04	9.43	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,159.56		0.10		2,161.67
Total	1.89	10.13	15.35	0.05	0.19	0.42	0.61	0.07	0.39	0.46		4,505.79		0.14		4,508.70

3.4 Building Construction - 2022

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	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.77	8.76	5.68	0.02	0.79	0.29	1.09	0.02	0.27	0.29		2,347.94		0.04		2,348.71
Worker	1.05	0.98	8.91	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,124.02		0.10		2,126.03
Total	1.82	9.74	14.59	0.05	4.22	0.41	4.65	0.07	0.38	0.45		4,471.96		0.14		4,474.74

3.4 Building Construction - 2022

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	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62	0.00	4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62	0.00	4,040.61		0.21		4,045.05

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.77	8.76	5.68	0.02	0.06	0.29	0.35	0.02	0.27	0.29		2,347.94		0.04		2,348.71
Worker	1.05	0.98	8.91	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,124.02		0.10		2,126.03
Total	1.82	9.74	14.59	0.05	0.19	0.41	0.60	0.07	0.38	0.45		4,471.96		0.14		4,474.74

3.4 Building Construction - 2023

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	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.74	8.49	5.49	0.02	0.79	0.29	1.08	0.02	0.26	0.28		2,349.50		0.04		2,350.25
Worker	1.01	0.92	8.42	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,091.47		0.09		2,093.37
Total	1.75	9.41	13.91	0.05	4.22	0.41	4.64	0.07	0.37	0.44		4,440.97		0.13		4,443.62

3.4 Building Construction - 2023

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	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52	0.00	4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52	0.00	4,040.61		0.20		4,044.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.74	8.49	5.49	0.02	0.06	0.29	0.35	0.02	0.26	0.28		2,349.50		0.04		2,350.25
Worker	1.01	0.92	8.42	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,091.47		0.09		2,093.37
Total	1.75	9.41	13.91	0.05	0.19	0.41	0.60	0.07	0.37	0.44		4,440.97		0.13		4,443.62

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.72	8.26	5.29	0.02	0.79	0.28	1.07	0.02	0.26	0.28		2,351.11		0.03		2,351.83
Worker	0.97	0.87	8.01	0.03	3.43	0.12	3.56	0.05	0.11	0.16		2,061.99		0.09		2,063.83
Total	1.69	9.13	13.30	0.05	4.22	0.40	4.63	0.07	0.37	0.44		4,413.10		0.12		4,415.66

3.4 Building Construction - 2024

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	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45	0.00	4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45	0.00	4,040.62		0.19		4,044.56

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.72	8.26	5.29	0.02	0.06	0.28	0.34	0.02	0.26	0.28		2,351.11		0.03		2,351.83
Worker	0.97	0.87	8.01	0.03	0.13	0.12	0.25	0.05	0.11	0.16		2,061.99		0.09		2,063.83
Total	1.69	9.13	13.30	0.05	0.19	0.40	0.59	0.07	0.37	0.44		4,413.10		0.12		4,415.66

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07		2,917.65		0.24		2,922.63
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07		2,917.65		0.24		2,922.63

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.05	0.46	0.00	0.20	0.01	0.20	0.00	0.01	0.01		117.60		0.00		117.71
Total	0.06	0.05	0.46	0.00	0.20	0.01	0.20	0.00	0.01	0.01		117.60		0.00		117.71

3.5 Paving - 2024

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	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07	0.00	2,917.65		0.24		2,922.63
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.65	16.59	19.50	0.03		1.07	1.07		1.07	1.07	0.00	2,917.65		0.24		2,922.63

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.05	0.46	0.00	0.01	0.01	0.01	0.00	0.01	0.01		117.60		0.00		117.71
Total	0.06	0.05	0.46	0.00	0.01	0.01	0.01	0.00	0.01	0.01		117.60		0.00		117.71

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96		2,917.65		0.22		2,922.34
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96		2,917.65		0.22		2,922.34

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.05	0.44	0.00	0.20	0.01	0.20	0.00	0.01	0.01		116.10		0.00		116.20
Total	0.05	0.05	0.44	0.00	0.20	0.01	0.20	0.00	0.01	0.01		116.10		0.00		116.20

3.5 Paving - 2025

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	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96	0.00	2,917.65		0.22		2,922.34
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.48	15.56	19.43	0.03		0.96	0.96		0.96	0.96	0.00	2,917.65		0.22		2,922.34

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.05	0.44	0.00	0.01	0.01	0.01	0.00	0.01	0.01		116.10		0.00		116.20
Total	0.05	0.05	0.44	0.00	0.01	0.01	0.01	0.00	0.01	0.01		116.10		0.00		116.20

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.17	1.54	0.01	0.69	0.02	0.72	0.01	0.02	0.03		410.22		0.02		410.58
Total	0.19	0.17	1.54	0.01	0.69	0.02	0.72	0.01	0.02	0.03		410.22		0.02		410.58

3.6 Architectural Coating - 2025

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	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.17	1.54	0.01	0.03	0.02	0.05	0.01	0.02	0.03		410.22		0.02		410.58
Total	0.19	0.17	1.54	0.01	0.03	0.02	0.05	0.01	0.02	0.03		410.22		0.02		410.58

3.6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05		281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.17	1.54	0.01	0.69	0.02	0.72	0.01	0.02	0.03		410.22		0.02		410.58
Total	0.19	0.17	1.54	0.01	0.69	0.02	0.72	0.01	0.02	0.03		410.22		0.02		410.58

3.6 Architectural Coating - 2026

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	89.16					0.00	0.00		0.00	0.00						0.00
Off-Road	0.17	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51
Total	89.33	1.14	1.81	0.00		0.05	0.05		0.05	0.05	0.00	281.19		0.02		281.51

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.17	1.54	0.01	0.03	0.02	0.05	0.01	0.02	0.03		410.22		0.02		410.58
Total	0.19	0.17	1.54	0.01	0.03	0.02	0.05	0.01	0.02	0.03		410.22		0.02		410.58

4.0 Mobile Detail

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	54.58	116.95	524.82	0.60	69.62	4.07	73.69	0.97	3.59	4.56		63,219.64		3.99		63,303.40
Unmitigated	54.58	116.95	524.82	0.60	69.62	4.07	73.69	0.97	3.59	4.56		63,219.64		3.99		63,303.40
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	580.50	0.00	0.00	914,262	914,262
High School	2,052.00	732.00	300.00	4,223,468	4,223,468
Single Family Housing	4,785.00	5,040.00	4385.00	13,603,481	13,603,481
Total	7,417.50	5,772.00	4,685.00	18,741,212	18,741,212

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00
High School	9.50	7.30	7.30	77.80	17.20	5.00

Land Use	Miles			Trip %		
	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
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
NaturalGas Unmitigated	0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.50
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Elementary School	639.05	0.01	0.06	0.05	0.00		0.00	0.00		0.00	0.00		75.18		0.00	0.00	75.64
High School	2704.1	0.03	0.27	0.22	0.00		0.00	0.02		0.00	0.02		318.13		0.01	0.01	320.07
Single Family Housing	52244.3	0.56	4.81	2.05	0.03		0.00	0.39		0.00	0.39		6,146.39		0.12	0.11	6,183.80
Total		0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.51

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	lb/day										lb/day					
Elementary School	0.63905	0.01	0.06	0.05	0.00		0.00	0.00		0.00	0.00		75.18		0.00	0.00	75.64
High School	2.7041	0.03	0.27	0.22	0.00		0.00	0.02		0.00	0.02		318.13		0.01	0.01	320.07
Single Family Housing	52.2443	0.56	4.81	2.05	0.03		0.00	0.39		0.00	0.39		6,146.39		0.12	0.11	6,183.80
Total		0.60	5.14	2.32	0.03		0.00	0.41		0.00	0.41		6,539.70		0.13	0.12	6,579.51

6.0 Area Detail

6.1 Mitigation Measures Area

	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	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Unmitigated	297.67	5.21	433.38	0.37		0.00	56.89		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	8.96					0.00	0.00		0.00	0.00						0.00
Consumer Products	23.47					0.00	0.00		0.00	0.00						0.00
Hearth	263.71	4.69	389.47	0.37		0.00	56.66		0.00	56.66	6,440.14	5,823.53		12.81	0.44	12,667.70
Landscaping	1.53	0.52	43.91	0.00		0.00	0.22		0.00	0.22		75.18		0.09		77.03
Total	297.67	5.21	433.38	0.37		0.00	56.88		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73

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					
Architectural Coating	8.96					0.00	0.00		0.00	0.00						0.00
Consumer Products	23.47					0.00	0.00		0.00	0.00						0.00
Hearth	263.71	4.69	389.47	0.37		0.00	56.66		0.00	56.66	6,440.14	5,823.53		12.81	0.44	12,667.70
Landscaping	1.53	0.52	43.91	0.00		0.00	0.22		0.00	0.22		75.18		0.09		77.03
Total	297.67	5.21	433.38	0.37		0.00	56.88		0.00	56.88	6,440.14	5,898.71		12.90	0.44	12,744.73

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

3957.1 Otay Mesa CPU - Small Project Construction
San Diego County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	20	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

Project Characteristics -
 Land Use - Small sample project = 20 units on 1 acre
 Demolition -
 Architectural Coating - CalGreen VOC limit = 150 g/L

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2011	0.51	1.67	1.12	0.00	0.02	0.12	0.14	0.00	0.12	0.12	0.00	153.41	153.41	0.03	0.00	153.96
Total	0.51	1.67	1.12	0.00	0.02	0.12	0.14	0.00	0.12	0.12	0.00	153.41	153.41	0.03	0.00	153.96

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	tons/yr										MT/yr					
2011	0.51	1.67	1.12	0.00	0.01	0.12	0.13	0.00	0.12	0.12	0.00	153.41	153.41	0.03	0.00	153.96
Total	0.51	1.67	1.12	0.00	0.01	0.12	0.13	0.00	0.12	0.12	0.00	153.41	153.41	0.03	0.00	153.96

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	1.37	0.02	1.70	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91
Energy	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	42.72	42.72	0.00	0.00	42.95
Mobile	0.16	0.35	1.71	0.00	0.20	0.01	0.21	0.00	0.01	0.01	0.00	189.40	189.40	0.01	0.00	189.65
Waste						0.00	0.00		0.00	0.00	1.87	0.00	1.87	0.11	0.00	4.19
Water						0.00	0.00		0.00	0.00	0.00	9.26	9.26	0.04	0.00	10.44
Total	1.53	0.39	3.42	0.00	0.20	0.01	0.43	0.00	0.01	0.23	22.53	267.62	290.15	0.18	0.00	295.14

2.2 Overall Operational

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	1.37	0.02	1.70	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91
Energy	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	42.72	42.72	0.00	0.00	42.95
Mobile	0.16	0.35	1.71	0.00	0.20	0.01	0.21	0.00	0.01	0.01	0.00	189.40	189.40	0.01	0.00	189.65
Waste						0.00	0.00		0.00	0.00	1.87	0.00	1.87	0.11	0.00	4.19
Water						0.00	0.00		0.00	0.00	0.00	9.26	9.26	0.04	0.00	10.44
Total	1.53	0.39	3.42	0.00	0.20	0.01	0.43	0.00	0.01	0.23	22.53	267.62	290.15	0.18	0.00	295.14

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.03	0.22	0.13	0.00		0.01	0.01		0.01	0.01	0.00	17.90	17.90	0.00	0.00	17.95
Total	0.03	0.22	0.13	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	17.90	17.90	0.00	0.00	17.95

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	tons/yr										MT/yr					
Hauling	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.85	0.00	0.00	0.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61	0.00	0.00	0.61
Total	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.46	0.00	0.00	1.47

3.2 Demolition - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.03	0.22	0.13	0.00		0.01	0.01		0.01	0.01	0.00	17.90	17.90	0.00	0.00	17.95
Total	0.03	0.22	0.13	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	17.90	17.90	0.00	0.00	17.95

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	tons/yr										MT/yr					
Hauling	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.85	0.00	0.00	0.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61	0.00	0.00	0.61
Total	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.46	0.00	0.00	1.47

3.3 Site Preparation - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.48	1.48	0.00	0.00	1.48
Total	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.48	0.00	0.00	1.48

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04

3.3 Site Preparation - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.48	1.48	0.00	0.00	1.48
Total	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.48	0.00	0.00	1.48

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04

3.4 Grading - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.44	2.44	0.00	0.00	2.45
Total	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44	2.44	0.00	0.00	2.45

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07

3.4 Grading - 2011

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	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.44	2.44	0.00	0.00	2.45
Total	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44	2.44	0.00	0.00	2.45

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07

3.5 Building Construction - 2011

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	tons/yr										MT/yr					
Off-Road	0.27	1.32	0.85	0.00		0.10	0.10		0.10	0.10	0.00	116.16	116.16	0.02	0.00	116.62
Total	0.27	1.32	0.85	0.00		0.10	0.10		0.10	0.10	0.00	116.16	116.16	0.02	0.00	116.62

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	2.46	0.00	0.00	2.46
Worker	0.00	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.52	6.52	0.00	0.00	6.53
Total	0.00	0.03	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.98	8.98	0.00	0.00	8.99

3.5 Building Construction - 2011

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	tons/yr										MT/yr					
Off-Road	0.27	1.32	0.85	0.00		0.10	0.10		0.10	0.10	0.00	116.16	116.16	0.02	0.00	116.62
Total	0.27	1.32	0.85	0.00		0.10	0.10		0.10	0.10	0.00	116.16	116.16	0.02	0.00	116.62

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	2.46	0.00	0.00	2.46
Worker	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52	6.52	0.00	0.00	6.53
Total	0.00	0.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.98	8.98	0.00	0.00	8.99

3.6 Paving - 2011

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	tons/yr										MT/yr					
Off-Road	0.01	0.05	0.03	0.00		0.00	0.00		0.00	0.00	0.00	3.88	3.88	0.00	0.00	3.90
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.05	0.03	0.00		0.00	0.00		0.00	0.00	0.00	3.88	3.88	0.00	0.00	3.90

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30

3.6 Paving - 2011

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	tons/yr										MT/yr					
Off-Road	0.01	0.05	0.03	0.00		0.00	0.00		0.00	0.00	0.00	3.88	3.88	0.00	0.00	3.90
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.05	0.03	0.00		0.00	0.00		0.00	0.00	0.00	3.88	3.88	0.00	0.00	3.90

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	0.00	0.00	0.30

3.7 Architectural Coating - 2011

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	tons/yr										MT/yr					
Archit. Coating	0.19					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.64	0.64	0.00	0.00	0.64
Total	0.19	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.64	0.64	0.00	0.00	0.64

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07

3.7 Architectural Coating - 2011

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	tons/yr										MT/yr						
Archit. Coating	0.19					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.64	0.64	0.00	0.00	0.64	0.64
Total	0.19	0.01	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.64	0.64	0.00	0.00	0.64	0.64

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	tons/yr										MT/yr						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07	0.07
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.07	0.07

4.0 Mobile Detail

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	0.16	0.35	1.71	0.00	0.20	0.01	0.21	0.00	0.01	0.01	0.00	189.40	189.40	0.01	0.00	189.65
Unmitigated	0.16	0.35	1.71	0.00	0.20	0.01	0.21	0.00	0.01	0.01	0.00	189.40	189.40	0.01	0.00	189.65
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	131.80	143.20	121.40	376,737	376,737
Total	131.80	143.20	121.40	376,737	376,737

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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						0.00	0.00		0.00	0.00	0.00	24.88	24.88	0.00	0.00	25.01
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	24.88	24.88	0.00	0.00	25.01
NaturalGas Mitigated	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94
NaturalGas Unmitigated	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	tons/yr										MT/yr					
Apartments Low Rise	334222	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94
Total		0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94

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	tons/yr										MT/yr					
Apartments Low Rise	334222	0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94
Total		0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	0.00	17.84	17.84	0.00	0.00	17.94

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	70253.2					24.88	0.00	0.00	25.01
Total						24.88	0.00	0.00	25.01

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	70253.2					24.88	0.00	0.00	25.01
Total						24.88	0.00	0.00	25.01

6.0 Area Detail

6.1 Mitigation Measures Area

	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	1.37	0.02	1.70	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91
Unmitigated	1.37	0.02	1.70	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	0.03					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.08					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	1.26	0.02	1.55	0.00		0.00	0.22		0.00	0.22	20.66	25.99	46.65	0.02	0.00	47.66	
Landscaping	0.01	0.00	0.16	0.00		0.00	0.00		0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25	
Total	1.38	0.02	1.71	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91	

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	0.03					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.08					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	1.26	0.02	1.55	0.00		0.00	0.22		0.00	0.22	20.66	25.99	46.65	0.02	0.00	47.66
Landscaping	0.01	0.00	0.16	0.00		0.00	0.00		0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25
Total	1.38	0.02	1.71	0.00		0.00	0.22		0.00	0.22	20.66	26.24	46.90	0.02	0.00	47.91

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					9.26	0.04	0.00	10.44
Unmitigated					9.26	0.04	0.00	10.44
Total	NA	NA	NA	NA	NA	NA	NA	NA

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	1.30308 / 0.821507					9.26	0.04	0.00	10.44
Total						9.26	0.04	0.00	10.44

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	1.30308 / 0.821507					9.26	0.04	0.00	10.44
Total						9.26	0.04	0.00	10.44

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					1.87	0.11	0.00	4.19
Unmitigated					1.87	0.11	0.00	4.19
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	9.2					1.87	0.11	0.00	4.19
Total						1.87	0.11	0.00	4.19

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	9.2					1.87	0.11	0.00	4.19
Total						1.87	0.11	0.00	4.19

9.0 Vegetation

3957.1 Otay Mesa CPU - Small Project Construction
San Diego County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	20	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

Project Characteristics -
 Land Use - Small sample project = 20 units on 1 acre
 Demolition -
 Architectural Coating - CalGreen VOC limit = 150 g/L

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					
2011	75.61	45.08	27.30	0.04	5.90	2.78	7.78	2.90	2.78	4.78	0.00	4,277.29	0.00	0.53	0.00	4,288.51
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	75.61	45.08	27.30	0.04	5.80	2.78	7.68	2.90	2.78	4.78	0.00	4,277.29	0.00	0.53	0.00	4,288.51
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Energy	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Mobile	0.97	2.14	10.26	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,311.76		0.08		1,313.35
Total	12.19	2.43	27.64	0.02	1.35	0.08	3.72	0.02	0.07	2.38	257.61	1,655.44		0.60	0.02	1,931.52

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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Energy	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Mobile	0.97	2.14	10.26	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,311.76		0.08		1,313.35
Total	12.19	2.43	27.64	0.02	1.35	0.08	3.72	0.02	0.07	2.38	257.61	1,655.44		0.60	0.02	1,931.52

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2011

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					0.50	0.00	0.50	0.00	0.00	0.00						0.00
Off-Road	5.76	43.43	25.53	0.04		2.72	2.72		2.72	2.72		3,946.48		0.52		3,957.35
Total	5.76	43.43	25.53	0.04	0.50	2.72	3.22	0.00	2.72	2.72		3,946.48		0.52		3,957.35

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	0.13	1.54	0.73	0.00	0.54	0.06	0.60	0.00	0.05	0.06		188.89		0.01		189.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	1.05	0.00	0.17	0.01	0.18	0.00	0.01	0.01		141.92		0.01		142.13
Total	0.22	1.64	1.78	0.00	0.71	0.07	0.78	0.00	0.06	0.07		330.81		0.02		331.15

3.2 Demolition - 2011

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					0.50	0.00	0.50	0.00	0.00	0.00						0.00
Off-Road	5.76	43.43	25.53	0.04		2.72	2.72		2.72	2.72	0.00	3,946.48		0.52		3,957.35
Total	5.76	43.43	25.53	0.04	0.50	2.72	3.22	0.00	2.72	2.72	0.00	3,946.48		0.52		3,957.35

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	0.13	1.54	0.73	0.00	0.01	0.06	0.06	0.00	0.05	0.06		188.89		0.01		189.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	1.05	0.00	0.01	0.01	0.01	0.00	0.01	0.01		141.92		0.01		142.13
Total	0.22	1.64	1.78	0.00	0.02	0.07	0.07	0.00	0.06	0.07		330.81		0.02		331.15

3.3 Site Preparation - 2011

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	4.41	35.63	20.13	0.03		1.87	1.87		1.87	1.87		3,253.39		0.40		3,261.71
Total	4.41	35.63	20.13	0.03	5.80	1.87	7.67	2.90	1.87	4.77		3,253.39		0.40		3,261.71

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.65	0.00	0.10	0.00	0.11	0.00	0.00	0.00		87.34		0.01		87.47
Total	0.06	0.06	0.65	0.00	0.10	0.00	0.11	0.00	0.00	0.00		87.34		0.01		87.47

3.3 Site Preparation - 2011

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	4.41	35.63	20.13	0.03		1.87	1.87		1.87	1.87	0.00	3,253.39		0.40		3,261.71
Total	4.41	35.63	20.13	0.03	5.80	1.87	7.67	2.90	1.87	4.77	0.00	3,253.39		0.40		3,261.71

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.65	0.00	0.00	0.00	0.01	0.00	0.00	0.00		87.34		0.01		87.47
Total	0.06	0.06	0.65	0.00	0.00	0.00	0.01	0.00	0.00	0.00		87.34		0.01		87.47

3.4 Grading - 2011

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					4.91	0.00	4.91	2.48	0.00	2.48						0.00
Off-Road	3.65	29.52	16.68	0.03		1.55	1.55		1.55	1.55		2,689.97		0.33		2,696.86
Total	3.65	29.52	16.68	0.03	4.91	1.55	6.46	2.48	1.55	4.03		2,689.97		0.33		2,696.86

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.65	0.00	0.10	0.00	0.11	0.00	0.00	0.00		87.34		0.01		87.47
Total	0.06	0.06	0.65	0.00	0.10	0.00	0.11	0.00	0.00	0.00		87.34		0.01		87.47

3.4 Grading - 2011

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					4.91	0.00	4.91	2.48	0.00	2.48						0.00
Off-Road	3.65	29.52	16.68	0.03		1.55	1.55		1.55	1.55	0.00	2,689.97		0.33		2,696.86
Total	3.65	29.52	16.68	0.03	4.91	1.55	6.46	2.48	1.55	4.03	0.00	2,689.97		0.33		2,696.86

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.65	0.00	0.00	0.00	0.01	0.00	0.00	0.00		87.34		0.01		87.47
Total	0.06	0.06	0.65	0.00	0.00	0.00	0.01	0.00	0.00	0.00		87.34		0.01		87.47

3.5 Building Construction - 2011

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	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92		2,561.58		0.48		2,571.67
Total	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92		2,561.58		0.48		2,571.67

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.03	0.40	0.23	0.00	0.02	0.01	0.03	0.00	0.01	0.01		54.33		0.00		54.37
Worker	0.10	0.11	1.13	0.00	0.18	0.01	0.19	0.00	0.01	0.01		152.84		0.01		153.07
Total	0.13	0.51	1.36	0.00	0.20	0.02	0.22	0.00	0.02	0.02		207.17		0.01		207.44

3.5 Building Construction - 2011

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	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92	0.00	2,561.58		0.48		2,571.67
Total	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92	0.00	2,561.58		0.48		2,571.67

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.03	0.40	0.23	0.00	0.00	0.01	0.01	0.00	0.01	0.01		54.33		0.00		54.37
Worker	0.10	0.11	1.13	0.00	0.01	0.01	0.01	0.00	0.01	0.01		152.84		0.01		153.07
Total	0.13	0.51	1.36	0.00	0.01	0.02	0.02	0.00	0.02	0.02		207.17		0.01		207.44

3.6 Paving - 2011

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	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83		1,712.73		0.30		1,719.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83		1,712.73		0.30		1,719.12

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	1.05	0.00	0.17	0.01	0.18	0.00	0.01	0.01		141.92		0.01		142.13
Total	0.09	0.10	1.05	0.00	0.17	0.01	0.18	0.00	0.01	0.01		141.92		0.01		142.13

3.6 Paving - 2011

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	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83	0.00	1,712.73		0.30		1,719.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83	0.00	1,712.73		0.30		1,719.12

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	1.05	0.00	0.01	0.01	0.01	0.00	0.01	0.01		141.92		0.01		142.13
Total	0.09	0.10	1.05	0.00	0.01	0.01	0.01	0.00	0.01	0.01		141.92		0.01		142.13

3.7 Architectural Coating - 2011

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	75.02					0.00	0.00		0.00	0.00							0.00
Off-Road	0.56	3.37	1.98	0.00		0.31	0.31		0.31	0.31		281.19		0.05			282.25
Total	75.58	3.37	1.98	0.00		0.31	0.31		0.31	0.31		281.19		0.05			282.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.75		0.00			32.80
Total	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00		32.75		0.00			32.80

3.7 Architectural Coating - 2011

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	75.02					0.00	0.00		0.00	0.00						0.00
Off-Road	0.56	3.37	1.98	0.00		0.31	0.31		0.31	0.31	0.00	281.19		0.05		282.25
Total	75.58	3.37	1.98	0.00		0.31	0.31		0.31	0.31	0.00	281.19		0.05		282.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		32.75		0.00		32.80
Total	0.02	0.02	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		32.75		0.00		32.80

4.0 Mobile Detail

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	0.97	2.14	10.26	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,311.76		0.08		1,313.35
Unmitigated	0.97	2.14	10.26	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,311.76		0.08		1,313.35
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	131.80	143.20	121.40	376,737	376,737
Total	131.80	143.20	121.40	376,737	376,737

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
NaturalGas Unmitigated	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Low Rise	915.678	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total		0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38

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	lb/day										lb/day					
Apartments Low Rise	0.915678	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total		0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38

6.0 Area Detail

6.1 Mitigation Measures Area

	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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Unmitigated	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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						
Architectural Coating	0.17					0.00	0.00		0.00	0.00							0.00
Consumer Products	0.43					0.00	0.00		0.00	0.00							0.00
Hearth	10.55	0.19	15.58	0.01		0.00	2.27		0.00	2.27	257.61	232.94		0.51	0.02		506.71
Landscaping	0.06	0.02	1.76	0.00		0.00	0.01		0.00	0.01		3.01		0.00			3.08
Total	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.51	0.02		509.79

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						
Architectural Coating	0.17					0.00	0.00		0.00	0.00							0.00
Consumer Products	0.43					0.00	0.00		0.00	0.00							0.00
Hearth	10.55	0.19	15.58	0.01		0.00	2.27		0.00	2.27	257.61	232.94		0.51	0.02		506.71
Landscaping	0.06	0.02	1.76	0.00		0.00	0.01		0.00	0.01		3.01		0.00			3.08
Total	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.51	0.02		509.79

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

3957.1 Otay Mesa CPU - Small Project Construction
San Diego County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	20	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	San Diego Gas & Electric
Climate Zone	13	Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Small sample project = 20 units on 1 acre
- Demolition -
- Architectural Coating - CalGreen VOC limit = 150 g/L

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					
2011	75.61	45.13	27.30	0.04	5.90	2.78	7.78	2.90	2.78	4.78	0.00	4,265.51	0.00	0.53	0.00	4,276.72
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	75.61	45.13	27.30	0.04	5.80	2.78	7.68	2.90	2.78	4.78	0.00	4,265.51	0.00	0.53	0.00	4,276.72
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Energy	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Mobile	1.05	2.26	10.11	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,227.06		0.08		1,228.68
Total	12.27	2.55	27.49	0.02	1.35	0.08	3.72	0.02	0.07	2.38	257.61	1,570.74		0.60	0.02	1,846.85

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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Energy	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Mobile	1.05	2.26	10.11	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,227.06		0.08		1,228.68
Total	12.27	2.55	27.49	0.02	1.35	0.08	3.72	0.02	0.07	2.38	257.61	1,570.74		0.60	0.02	1,846.85

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2011

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					0.50	0.00	0.50	0.00	0.00	0.00						0.00
Off-Road	5.76	43.43	25.53	0.04		2.72	2.72		2.72	2.72		3,946.48		0.52		3,957.35
Total	5.76	43.43	25.53	0.04	0.50	2.72	3.22	0.00	2.72	2.72		3,946.48		0.52		3,957.35

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	0.13	1.58	0.78	0.00	0.54	0.06	0.60	0.00	0.05	0.06		187.94		0.01		188.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.00	0.00	0.17	0.01	0.18	0.00	0.01	0.01		131.10		0.01		131.30
Total	0.23	1.69	1.78	0.00	0.71	0.07	0.78	0.00	0.06	0.07		319.04		0.02		319.37

3.2 Demolition - 2011

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					0.50	0.00	0.50	0.00	0.00	0.00							0.00
Off-Road	5.76	43.43	25.53	0.04		2.72	2.72		2.72	2.72	0.00	3,946.48		0.52			3,957.35
Total	5.76	43.43	25.53	0.04	0.50	2.72	3.22	0.00	2.72	2.72	0.00	3,946.48		0.52			3,957.35

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	0.13	1.58	0.78	0.00	0.01	0.06	0.07	0.00	0.05	0.06		187.94		0.01		188.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01		131.10		0.01		131.30
Total	0.23	1.69	1.78	0.00	0.02	0.07	0.08	0.00	0.06	0.07		319.04		0.02		319.37

3.3 Site Preparation - 2011

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	4.41	35.63	20.13	0.03		1.87	1.87		1.87	1.87		3,253.39		0.40		3,261.71
Total	4.41	35.63	20.13	0.03	5.80	1.87	7.67	2.90	1.87	4.77		3,253.39		0.40		3,261.71

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.07	0.61	0.00	0.10	0.00	0.11	0.00	0.00	0.00		80.67		0.01		80.80
Total	0.06	0.07	0.61	0.00	0.10	0.00	0.11	0.00	0.00	0.00		80.67		0.01		80.80

3.3 Site Preparation - 2011

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	4.41	35.63	20.13	0.03		1.87	1.87		1.87	1.87	0.00	3,253.39		0.40		3,261.71
Total	4.41	35.63	20.13	0.03	5.80	1.87	7.67	2.90	1.87	4.77	0.00	3,253.39		0.40		3,261.71

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.07	0.61	0.00	0.00	0.00	0.01	0.00	0.00	0.00		80.67		0.01		80.80
Total	0.06	0.07	0.61	0.00	0.00	0.00	0.01	0.00	0.00	0.00		80.67		0.01		80.80

3.4 Grading - 2011

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					4.91	0.00	4.91	2.48	0.00	2.48							0.00
Off-Road	3.65	29.52	16.68	0.03		1.55	1.55		1.55	1.55		2,689.97		0.33			2,696.86
Total	3.65	29.52	16.68	0.03	4.91	1.55	6.46	2.48	1.55	4.03		2,689.97		0.33			2,696.86

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.06	0.07	0.61	0.00	0.10	0.00	0.11	0.00	0.00	0.00		80.67		0.01			80.80
Total	0.06	0.07	0.61	0.00	0.10	0.00	0.11	0.00	0.00	0.00		80.67		0.01			80.80

3.4 Grading - 2011

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					4.91	0.00	4.91	2.48	0.00	2.48						0.00
Off-Road	3.65	29.52	16.68	0.03		1.55	1.55		1.55	1.55	0.00	2,689.97		0.33		2,696.86
Total	3.65	29.52	16.68	0.03	4.91	1.55	6.46	2.48	1.55	4.03	0.00	2,689.97		0.33		2,696.86

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.07	0.61	0.00	0.00	0.00	0.01	0.00	0.00	0.00		80.67		0.01		80.80
Total	0.06	0.07	0.61	0.00	0.00	0.00	0.01	0.00	0.00	0.00		80.67		0.01		80.80

3.5 Building Construction - 2011

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	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92		2,561.58		0.48		2,571.67
Total	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92		2,561.58		0.48		2,571.67

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.04	0.41	0.26	0.00	0.02	0.01	0.03	0.00	0.01	0.01		53.92		0.00		53.95
Worker	0.11	0.12	1.08	0.00	0.18	0.01	0.19	0.00	0.01	0.01		141.18		0.01		141.40
Total	0.15	0.53	1.34	0.00	0.20	0.02	0.22	0.00	0.02	0.02		195.10		0.01		195.35

3.5 Building Construction - 2011

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	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92	0.00	2,561.58		0.48		2,571.67
Total	5.35	26.32	17.07	0.03		1.92	1.92		1.92	1.92	0.00	2,561.58		0.48		2,571.67

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.04	0.41	0.26	0.00	0.00	0.01	0.01	0.00	0.01	0.01		53.92		0.00		53.95
Worker	0.11	0.12	1.08	0.00	0.01	0.01	0.01	0.00	0.01	0.01		141.18		0.01		141.40
Total	0.15	0.53	1.34	0.00	0.01	0.02	0.02	0.00	0.02	0.02		195.10		0.01		195.35

3.6 Paving - 2011

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	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83		1,712.73		0.30		1,719.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83		1,712.73		0.30		1,719.12

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.00	0.00	0.17	0.01	0.18	0.00	0.01	0.01		131.10		0.01		131.30
Total	0.10	0.11	1.00	0.00	0.17	0.01	0.18	0.00	0.01	0.01		131.10		0.01		131.30

3.6 Paving - 2011

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	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83	0.00	1,712.73		0.30		1,719.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.39	20.73	12.30	0.02		1.83	1.83		1.83	1.83	0.00	1,712.73		0.30		1,719.12

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01		131.10		0.01		131.30
Total	0.10	0.11	1.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01		131.10		0.01		131.30

3.7 Architectural Coating - 2011

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	75.02					0.00	0.00		0.00	0.00						0.00
Off-Road	0.56	3.37	1.98	0.00		0.31	0.31		0.31	0.31		281.19		0.05		282.25
Total	75.58	3.37	1.98	0.00		0.31	0.31		0.31	0.31		281.19		0.05		282.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.03	0.23	0.00	0.04	0.00	0.04	0.00	0.00	0.00		30.25		0.00		30.30
Total	0.02	0.03	0.23	0.00	0.04	0.00	0.04	0.00	0.00	0.00		30.25		0.00		30.30

3.7 Architectural Coating - 2011

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	75.02					0.00	0.00		0.00	0.00						0.00
Off-Road	0.56	3.37	1.98	0.00		0.31	0.31		0.31	0.31	0.00	281.19		0.05		282.25
Total	75.58	3.37	1.98	0.00		0.31	0.31		0.31	0.31	0.00	281.19		0.05		282.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.03	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00		30.25		0.00		30.30
Total	0.02	0.03	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00		30.25		0.00		30.30

4.0 Mobile Detail

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	1.05	2.26	10.11	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,227.06		0.08		1,228.68
Unmitigated	1.05	2.26	10.11	0.01	1.35	0.08	1.43	0.02	0.07	0.09		1,227.06		0.08		1,228.68
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	131.80	143.20	121.40	376,737	376,737
Total	131.80	143.20	121.40	376,737	376,737

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	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	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
NaturalGas Unmitigated	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Low Rise	915.678	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total		0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38

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	lb/day										lb/day					
Apartments Low Rise	0.915678	0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38
Total		0.01	0.08	0.04	0.00		0.00	0.01		0.00	0.01		107.73		0.00	0.00	108.38

6.0 Area Detail

6.1 Mitigation Measures Area

	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	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Unmitigated	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.52	0.02	509.79
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.43					0.00	0.00		0.00	0.00						0.00
Hearth	10.55	0.19	15.58	0.01		0.00	2.27		0.00	2.27	257.61	232.94		0.51	0.02	506.71
Landscaping	0.06	0.02	1.76	0.00		0.00	0.01		0.00	0.01		3.01		0.00		3.08
Total	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.51	0.02	509.79

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					
Architectural Coating	0.17					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.43					0.00	0.00		0.00	0.00						0.00
Hearth	10.55	0.19	15.58	0.01		0.00	2.27		0.00	2.27	257.61	232.94		0.51	0.02	506.71
Landscaping	0.06	0.02	1.76	0.00		0.00	0.01		0.00	0.01		3.01		0.00		3.08
Total	11.21	0.21	17.34	0.01		0.00	2.28		0.00	2.28	257.61	235.95		0.51	0.02	509.79

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

**3957.1 OMCPU Adopted Plan 2030
San Diego County APCD Air District, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	13420.84	1000sqft
General Light Industry	61833.42	1000sqft
City Park	64	Acre
Apartments Mid Rise	7600	Dwelling Unit
Single Family Housing	4800	Dwelling Unit
Strip Mall	5906.74	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves -

Area Coating -
 Energy Mitigation -
 Water Mitigation -

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2011	8.55	50.80	78.39	0.12	9.07	1.89	10.96	0.17	1.74	1.91	0.00	11,669.33	11,669.33	0.62	0.00	11,682.38
Total	8.55	50.80	78.39	0.12	9.07	1.89	10.96	0.17	1.74	1.91	0.00	11,669.33	11,669.33	0.62	0.00	11,682.38

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	tons/yr										MT/yr					
2011	8.55	50.80	78.39	0.12	0.47	1.89	2.36	0.17	1.74	1.91	0.00	11,669.33	11,669.33	0.62	0.00	11,682.38
Total	8.55	50.80	78.39	0.12	0.47	1.89	2.36	0.17	1.74	1.91	0.00	11,669.33	11,669.33	0.62	0.00	11,682.38

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	1,281.66	11.62	1,051.35	0.38		0.00	135.92		0.00	135.91	12,808.68	16,267.42	29,076.10	12.17	1.20	29,705.07

Energy	6.94	62.36	47.36	0.38		0.00	4.80	0.00	4.80	0.00	386,726.14	386,726.14	13.13	5.74	388,781.26	
Mobile	557.43	995.75	4,633.18	13.89	1,406.03	72.22	1,478.25	22.40	69.63	92.02	0.00	960,409.86	960,409.86	35.89	0.00	961,163.64
Waste						0.00	0.00		0.00	0.00	735,882.71	0.00	735,882.71	43,489.42	0.00	#####
Water						0.00	0.00		0.00	0.00	0.00	#####	#####	9,452.91	253.26	#####
Total	1,846.03	1,069.73	5,731.89	14.65	1,406.03	72.22	1,618.97	22.40	69.63	232.73	748,691.39	#####	#####	53,003.52	260.20	#####

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	1,281.66	11.62	1,051.35	0.38		0.00	135.92		0.00	135.91	12,808.68	16,267.42	29,076.10	12.17	1.20	29,705.07
Energy	6.35	57.07	43.54	0.35		0.00	4.39		0.00	4.39	0.00	353,511.72	353,511.72	12.00	5.25	355,390.36
Mobile	557.43	995.75	4,633.18	13.89	1,406.03	72.22	1,478.25	22.40	69.63	92.02	0.00	960,409.86	960,409.86	35.89	0.00	961,163.64
Waste						0.00	0.00		0.00	0.00	735,882.71	0.00	735,882.71	43,489.42	0.00	#####
Water						0.00	0.00		0.00	0.00	0.00	#####	#####	7,562.33	202.61	#####
Total	1,845.44	1,064.44	5,728.07	14.62	1,406.03	72.22	1,618.56	22.40	69.63	232.32	748,691.39	#####	#####	51,111.81	209.06	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	tons/yr										MT/yr					
Off-Road	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80
Total	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4.13	45.16	28.99	0.06	1.89	1.56	3.46	0.05	1.44	1.49	0.00	5,749.61	5,749.61	0.19	0.00	5,753.50
Worker	4.33	5.00	49.01	0.06	7.18	0.28	7.46	0.11	0.26	0.37	0.00	5,861.09	5,861.09	0.43	0.00	5,870.08
Total	8.46	50.16	78.00	0.12	9.07	1.84	10.92	0.16	1.70	1.86	0.00	11,610.70	11,610.70	0.62	0.00	11,623.58

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	tons/yr										MT/yr					
Off-Road	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80

Total	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80
--------------	-------------	-------------	-------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	4.13	45.16	28.99	0.06	0.17	1.56	1.73	0.05	1.44	1.49	0.00	5,749.61	5,749.61	0.19	0.00	5,753.50
Worker	4.33	5.00	49.01	0.06	0.31	0.28	0.59	0.11	0.26	0.37	0.00	5,861.09	5,861.09	0.43	0.00	5,870.08
Total	8.46	50.16	78.00	0.12	0.48	1.84	2.32	0.16	1.70	1.86	0.00	11,610.70	11,610.70	0.62	0.00	11,623.58

4.0 Mobile Detail

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	557.43	995.75	4,633.18	13.89	1,406.03	72.22	1,478.25	22.40	69.63	92.02	0.00	960,409.86	960,409.86	35.89	0.00	961,163.64
Unmitigated	557.43	995.75	4,633.18	13.89	1,406.03	72.22	1,478.25	22.40	69.63	92.02	0.00	960,409.86	960,409.86	35.89	0.00	961,163.64
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	60,800.00	60,800.00	60800.00	173,602,444	173,602,444
City Park	2,216.96	2,216.96	2216.96	4,732,883	4,732,883
General Light Industry	531,149.08	531,149.08	531149.08	1,550,695,650	1,550,695,650
Government Office Building	54,622.82	54,622.82	54622.82	93,671,604	93,671,604
Single Family Housing	42,192.00	42,192.00	42192.00	120,470,959	120,470,959
Strip Mall	475,197.23	475,197.23	475197.23	731,819,439	731,819,439
Total	1,166,178.09	1,166,178.09	1,166,178.09	2,674,992,979	2,674,992,979

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

- Exceed Title 24
- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	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						0.00	0.00		0.00	0.00	0.00	290,650.38	290,650.38	10.80	4.09	292,146.46
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	317,996.22	317,996.22	11.81	4.48	319,633.06
NaturalGas Mitigated	6.35	57.07	43.54	0.35		0.00	4.39		0.00	4.39	0.00	62,861.33	62,861.33	1.20	1.15	63,243.90
NaturalGas Unmitigated	6.94	62.36	47.36	0.38		0.00	4.80		0.00	4.80	0.00	68,729.92	68,729.92	1.32	1.26	69,148.20
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	tons/yr										MT/yr					
Apartments Mid Rise	8.01032e+007	0.43	3.69	1.57	0.02		0.00	0.30		0.00	0.30	0.00	4,274.61	4,274.61	0.08	0.08	4,300.63
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Light Industry	7.29016e+008	3.93	35.74	30.02	0.21		0.00	2.72		0.00	2.72	0.00	38,903.07	38,903.07	0.75	0.71	39,139.83
Government Office Building	2.8224e+008	1.52	13.84	11.62	0.08		0.00	1.05		0.00	1.05	0.00	15,061.42	15,061.42	0.29	0.28	15,153.08
Single Family Housing	1.83064e+008	0.99	8.44	3.59	0.05		0.00	0.68		0.00	0.68	0.00	9,769.00	9,769.00	0.19	0.18	9,828.45
Strip Mall	1.35264e+007	0.07	0.66	0.56	0.00		0.00	0.05		0.00	0.05	0.00	721.82	721.82	0.01	0.01	726.21
Total		6.94	62.37	47.36	0.36		0.00	4.80		0.00	4.80	0.00	68,729.92	68,729.92	1.32	1.26	69,148.20

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	tons/yr										MT/yr					

Apartments Mid Rise	7.03532e+007	0.38	3.24	1.38	0.02		0.00	0.26		0.00	0.26	0.00	3,754.31	3,754.31	0.07	0.07	3,777.16
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Light Industry	6.86907e+008	3.70	33.67	28.28	0.20		0.00	2.56		0.00	2.56	0.00	36,656.00	36,656.00	0.70	0.67	36,879.08
Government Office Building	2.48359e+008	1.34	12.17	10.23	0.07		0.00	0.93		0.00	0.93	0.00	13,253.40	13,253.40	0.25	0.24	13,334.06
Single Family Housing	1.59894e+008	0.86	7.37	3.14	0.05		0.00	0.60		0.00	0.60	0.00	8,532.54	8,532.54	0.16	0.16	8,584.46
Strip Mall	1.24632e+007	0.07	0.61	0.51	0.00		0.00	0.05		0.00	0.05	0.00	665.08	665.08	0.01	0.01	669.13
Total		6.35	57.06	43.54	0.34		0.00	4.40		0.00	4.40	0.00	62,861.33	62,861.33	1.19	1.15	63,243.89

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use kWh	ROG tons/yr	NOx tons/yr	CO tons/yr	SO2 tons/yr	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Apartments Mid Rise	2.65028e+007					9,386.24	0.35	0.13	9,434.55
City Park	0					0.00	0.00	0.00	0.00
General Light Industry	5.56501e+008					197,090.53	7.32	2.78	198,105.03
Government Office Building	2.01178e+008					71,249.42	2.65	1.00	71,616.16
Single Family Housing	3.0775e+007					10,899.29	0.40	0.15	10,955.39
Strip Mall	8.29306e+007					29,370.74	1.09	0.41	29,521.93
Total						317,996.22	11.81	4.47	319,633.06

Mitigated

Land Use	Electricity Use kWh	ROG tons/yr	NOx tons/yr	CO tons/yr	SO2 tons/yr	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Apartments Mid Rise	2.43651e+007					8,629.17	0.32	0.12	8,673.59
City Park	0					0.00	0.00	0.00	0.00

General Light Industry	5.1263e+008					181,553.23	6.74	2.56	182,487.75
Government Office Building	1.81007e+008					64,105.46	2.38	0.90	64,435.44
Single Family Housing	2.93816e+007					10,405.81	0.39	0.15	10,459.38
Strip Mall	7.32908e+007					25,956.71	0.96	0.37	26,090.32
Total						290,650.38	10.79	4.10	292,146.48

6.0 Area Detail

6.1 Mitigation Measures Area

	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	1,281.66	11.62	1,051.35	0.38		0.00	135.92		0.00	135.91	12,808.68	16,267.42	29,076.10	12.17	1.20	29,705.07
Unmitigated	1,281.66	11.62	1,051.35	0.38		0.00	135.92		0.00	135.91	12,808.68	16,267.42	29,076.10	12.17	1.20	29,705.07
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	119.35					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	380.40					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	779.14	10.56	958.54	0.37		0.00	135.41		0.00	135.40	12,808.68	16,115.32	28,923.99	12.03	1.20	29,549.92

Landscaping	2.77	1.07	92.81	0.00		0.00	0.51		0.00	0.51	0.00	152.11	152.11	0.14	0.00	155.14
Total	1,281.66	11.63	1,051.35	0.37		0.00	135.92		0.00	135.91	12,808.68	16,267.43	29,076.10	12.17	1.20	29,705.06

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	119.35					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	380.40					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	779.14	10.56	958.54	0.37		0.00	135.41		0.00	135.40	12,808.68	16,115.32	28,923.99	12.03	1.20	29,549.92
Landscaping	2.77	1.07	92.81	0.00		0.00	0.51		0.00	0.51	0.00	152.11	152.11	0.14	0.00	155.14
Total	1,281.66	11.63	1,051.35	0.37		0.00	135.92		0.00	135.91	12,808.68	16,267.43	29,076.10	12.17	1.20	29,705.06

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					#####	7,562.33	202.61	#####
Unmitigated					#####	9,452.91	253.26	#####
Total	NA	NA	NA	NA	NA	NA	NA	NA

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	495.171 / 312.173					3,517.36	15.25	0.42	3,969.05
City Park	0 / 76.2548					300.04	0.01	0.00	301.59
General Light Industry	304031 / 0					#####	9,332.47	249.90	#####
Government Office Building	2666.17 / 1634.11					18,754.76	82.08	2.28	21,185.87
Single Family Housing	312.739 / 197.162					2,221.49	9.63	0.27	2,506.77
Strip Mall	437.527 / 268.162					3,077.72	13.47	0.37	3,476.67
Total						1,433,327.38	9,452.91	253.24	1,710,348.14

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	396.136 / 249.738					2,813.89	12.20	0.34	3,175.24
City Park	0 / 61.0038					240.03	0.01	0.00	241.27
General Light Industry	243225 / 0					#####	7,465.98	199.92	#####
Government Office Building	2132.94 / 1307.28					15,003.81	65.66	1.83	16,948.70
Single Family Housing	250.191 / 157.729					1,777.19	7.70	0.21	2,005.41
Strip Mall	350.022 / 214.529					2,462.17	10.78	0.30	2,781.33
Total						1,146,661.90	7,562.33	202.60	1,368,278.50

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					735,882.71	43,489.42	0.00	#####
Unmitigated					735,882.71	43,489.42	0.00	#####
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	3496					709.66	41.94	0.00	1,590.39
City Park	5.5					1.12	0.07	0.00	2.50
General Light Industry	3.59739e+006					730,236.84	43,155.76	0.00	#####
Government Office Building	12481.3					2,533.60	149.73	0.00	5,677.96
Single Family Housing	5628.48					1,142.53	67.52	0.00	2,560.48
Strip Mall	6202.08					1,258.97	74.40	0.00	2,821.42
Total						735,882.72	43,489.42	0.00	1,649,160.58

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e

Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	3496					709.66	41.94	0.00	1,590.39
City Park	5.5					1.12	0.07	0.00	2.50
General Light Industry	3.59739e+006					730,236.84	43,155.76	0.00	#####
Government Office Building	12481.3					2,533.60	149.73	0.00	5,677.96
Single Family Housing	5628.48					1,142.53	67.52	0.00	2,560.48
Strip Mall	6202.08					1,258.97	74.40	0.00	2,821.42
Total						735,882.72	43,489.42	0.00	1,649,160.58

9.0 Vegetation

**3957.1 OMCPU Adopted Plan 2030
San Diego County APCD Air District, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	13420.84	1000sqft
General Light Industry	61833.42	1000sqft
City Park	64	Acre
Apartments Mid Rise	7600	Dwelling Unit
Single Family Housing	4800	Dwelling Unit
Strip Mall	5906.74	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves -

Area Coating -
 Energy Mitigation -
 Water Mitigation -

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					
2011	528.47	3,270.30	4,880.53	8.02	648.22	117.05	765.27	10.36	108.04	118.40	0.00	831,062.92	0.00	43.21	0.00	831,970.23
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	528.47	3,270.30	4,880.53	8.02	29.52	117.05	146.57	10.36	108.04	118.40	0.00	831,062.92	0.00	43.21	0.00	831,970.23
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68

Energy	38.05	341.70	259.49	2.08		0.00	26.29		0.00	26.29		415,132.99		7.96	7.61	417,659.42
Mobile	3,144.95	5,604.97	25,555.19	81.00	8,849.85	396.48	9,246.33	123.09	381.82	504.90		#####		230.60		#####
Total	12,492.10	6,074.79	36,505.65	92.27	8,849.85	396.48	10,683.61	123.09	381.82	1,942.08	159,715.52	#####		558.13	18.40	#####

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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Energy	34.80	312.69	238.57	1.90		0.00	24.05		0.00	24.05		379,686.35		7.28	6.96	381,997.06
Mobile	3,144.95	5,604.97	25,555.19	81.00	8,849.85	396.48	9,246.33	123.09	381.82	504.90		#####		230.60		#####
Total	12,488.85	6,045.78	36,484.73	92.09	8,849.85	396.48	10,681.37	123.09	381.82	1,939.84	159,715.52	#####		557.45	17.75	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	249.99	2,914.38	1,681.40	3.79	134.56	96.84	231.40	3.43	89.11	92.54		397,373.48		12.35		397,632.79
Worker	272.36	315.70	3,175.10	4.19	513.66	17.41	531.08	6.93	16.13	23.06		429,648.82		30.31		430,285.33
Total	522.35	3,230.08	4,856.50	7.98	648.22	114.25	762.48	10.36	105.24	115.60		827,022.30		42.66		827,918.12

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	249.99	2,914.38	1,681.40	3.79	10.33	96.84	107.17	3.43	89.11	92.54		397,373.48		12.35		397,632.79
Worker	272.36	315.70	3,175.10	4.19	19.19	17.41	36.60	6.93	16.13	23.06		429,648.82		30.31		430,285.33
Total	522.35	3,230.08	4,856.50	7.98	29.52	114.25	143.77	10.36	105.24	115.60		827,022.30		42.66		827,918.12

4.0 Mobile Detail

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	3,144.95	5,604.97	25,555.19	81.00	8,849.85	396.48	9,246.33	123.09	381.82	504.90		#####		230.60		#####
Unmitigated	3,144.95	5,604.97	25,555.19	81.00	8,849.85	396.48	9,246.33	123.09	381.82	504.90		#####		230.60		#####
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

	Average Daily Trip Rate	Unmitigated	Mitigated

Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	60,800.00	60,800.00	60800.00	173,602,444	173,602,444
City Park	2,216.96	2,216.96	2216.96	4,732,883	4,732,883
General Light Industry	531,149.08	531,149.08	531149.08	1,550,695,650	1,550,695,650
Government Office Building	54,622.82	54,622.82	54622.82	93,671,604	93,671,604
Single Family Housing	42,192.00	42,192.00	42192.00	120,470,959	120,470,959
Strip Mall	475,197.23	475,197.23	475197.23	731,819,439	731,819,439
Total	1,166,178.09	1,166,178.09	1,166,178.09	2,674,992,979	2,674,992,979

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

	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	34.80	312.69	238.57	1.90		0.00	24.05		0.00	24.05		379,686.35	7.28	6.96	381,997.06
NaturalGas Unmitigated	38.05	341.70	259.49	2.08		0.00	26.29		0.00	26.29		415,132.99	7.96	7.61	417,659.42
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Mid Rise	219461	2.37	20.22	8.61	0.13		0.00	1.64		0.00	1.64		25,818.93		0.49	0.47	25,976.06
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1.9973e+006	21.54	195.81	164.48	1.17		0.00	14.88		0.00	14.88		234,976.96		4.50	4.31	236,406.99
Government Office Building	773261	8.34	75.81	63.68	0.45		0.00	5.76		0.00	5.76		90,971.88		1.74	1.67	91,525.52
Single Family Housing	501546	5.41	46.22	19.67	0.30		0.00	3.74		0.00	3.74		59,005.36		1.13	1.08	59,364.46
Strip Mall	37058.7	0.40	3.63	3.05	0.02		0.00	0.28		0.00	0.28		4,359.85		0.08	0.08	4,386.38
Total		38.06	341.69	259.49	2.07		0.00	26.30		0.00	26.30		415,132.98		7.94	7.61	417,659.41

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	lb/day										lb/day					
Apartments Mid Rise	192.748	2.08	17.76	7.56	0.11		0.00	1.44		0.00	1.44		22,676.28		0.43	0.42	22,814.29
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1881.94	20.30	184.50	154.98	1.11		0.00	14.02		0.00	14.02		221,404.50		4.24	4.06	222,751.93
Government Office Building	680.437	7.34	66.71	56.04	0.40		0.00	5.07		0.00	5.07		80,051.36		1.53	1.47	80,538.54
Single Family Housing	438.065	4.72	40.37	17.18	0.26		0.00	3.26		0.00	3.26		51,537.05		0.99	0.94	51,850.69
Strip Mall	34.1458	0.37	3.35	2.81	0.02		0.00	0.25		0.00	0.25		4,017.15		0.08	0.07	4,041.60

Total		34.81	312.69	238.57	1.90		0.00	24.04		0.00	24.04		379,686.34		7.27	6.96	381,997.05
-------	--	-------	--------	--------	------	--	------	-------	--	------	-------	--	------------	--	------	------	------------

6.0 Area Detail

6.1 Mitigation Measures Area

	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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Unmitigated	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	653.95					0.00	0.00		0.00	0.00						0.00
Consumer Products	2,084.38					0.00	0.00		0.00	0.00						0.00
Hearth	6,539.91	116.26	9,658.80	9.13		0.00	1,405.27		0.00	1,405.18	159,715.52	144,423.53		317.80	10.79	314,158.98
Landscaping	30.85	11.86	1,032.17	0.05		0.00	5.72		0.00	5.72		1,864.46		1.77		1,901.70
Total	9,309.09	128.12	10,690.97	9.18		0.00	1,410.99		0.00	1,410.90	159,715.52	146,287.99		319.57	10.79	316,060.68

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						
Architectural Coating	653.95					0.00	0.00		0.00	0.00							0.00
Consumer Products	2,084.38					0.00	0.00		0.00	0.00							0.00
Hearth	6,539.91	116.26	9,658.80	9.13		0.00	1,405.27		0.00	1,405.18	159,715.52	144,423.53		317.80	10.79		314,158.98
Landscaping	30.85	11.86	1,032.17	0.05		0.00	5.72		0.00	5.72		1,864.46		1.77			1,901.70
Total	9,309.09	128.12	10,690.97	9.18		0.00	1,410.99		0.00	1,410.90	159,715.52	146,287.99		319.57	10.79		316,060.68

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

**3957.1 OMCPU Adopted Plan 2030
San Diego County APCD Air District, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	13420.84	1000sqft
General Light Industry	61833.42	1000sqft
City Park	64	Acre
Apartments Mid Rise	7600	Dwelling Unit
Single Family Housing	4800	Dwelling Unit
Strip Mall	5906.74	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)			

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves -
- Area Coating -

Energy Mitigation -

Water Mitigation -

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					
2011	565.88	3,366.56	4,913.60	7.71	648.22	119.18	767.40	10.36	110.00	120.36	0.00	795,262.13	0.00	42.71	0.00	796,159.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	565.88	3,366.56	4,913.60	7.71	29.52	119.18	148.70	10.36	110.00	120.36	0.00	795,262.13	0.00	42.71	0.00	796,159.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Energy	38.05	341.70	259.49	2.08		0.00	26.29		0.00	26.29		415,132.99		7.96	7.61	417,659.42

Mobile	3,318.18	5,784.87	25,389.50	75.65	8,849.85	398.19	9,248.04	123.09	383.53	506.62		#####		217.02		#####
Total	12,665.33	6,254.69	36,339.96	86.92	8,849.85	398.19	10,685.32	123.09	383.53	1,943.80	159,715.52	#####		544.55	18.40	#####

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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Energy	34.80	312.69	238.57	1.90		0.00	24.05		0.00	24.05		379,686.35		7.28	6.96	381,997.06
Mobile	3,318.18	5,784.87	25,389.50	75.65	8,849.85	398.19	9,248.04	123.09	383.53	506.62		#####		217.02		#####
Total	12,662.08	6,225.68	36,319.04	86.74	8,849.85	398.19	10,683.08	123.09	383.53	1,941.56	159,715.52	#####		543.87	17.75	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	262.66	2,980.50	1,866.82	3.76	134.56	98.97	233.53	3.43	91.07	94.50		394,355.46		12.92		394,626.85
Worker	297.11	345.84	3,022.76	3.91	513.66	17.41	531.08	6.93	16.13	23.06		396,866.06		29.24		397,480.04
Total	559.77	3,326.34	4,889.58	7.67	648.22	116.38	764.61	10.36	107.20	117.56		791,221.52		42.16		792,106.89

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	262.66	2,980.50	1,866.82	3.76	10.33	98.97	109.30	3.43	91.07	94.50		394,355.46		12.92		394,626.85
Worker	297.11	345.84	3,022.76	3.91	19.19	17.41	36.60	6.93	16.13	23.06		396,866.06		29.24		397,480.04
Total	559.77	3,326.34	4,889.58	7.67	29.52	116.38	145.90	10.36	107.20	117.56		791,221.52		42.16		792,106.89

4.0 Mobile Detail

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	3,318.18	5,784.87	25,389.50	75.65	8,849.85	398.19	9,248.04	123.09	383.53	506.62		#####		217.02		#####
Unmitigated	3,318.18	5,784.87	25,389.50	75.65	8,849.85	398.19	9,248.04	123.09	383.53	506.62		#####		217.02		#####
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments Mid Rise	60,800.00	60,800.00	60,800.00	173,602,444	173,602,444
City Park	2,216.96	2,216.96	2,216.96	4,732,883	4,732,883

General Light Industry	531,149.08	531,149.08	531,149.08	1,550,695,650	1,550,695,650
Government Office Building	54,622.82	54,622.82	54,622.82	93,671,604	93,671,604
Single Family Housing	42,192.00	42,192.00	42,192.00	120,470,959	120,470,959
Strip Mall	475,197.23	475,197.23	475,197.23	731,819,439	731,819,439
Total	1,166,178.09	1,166,178.09	1,166,178.09	2,674,992,979	2,674,992,979

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

- Exceed Title 24
- Install High Efficiency Lighting
- Install Energy Efficient Appliances

Category	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
	lb/day										lb/day					
NaturalGas Mitigated	34.80	312.69	238.57	1.90		0.00	24.05		0.00	24.05		379,686.35		7.28	6.96	381,997.06
NaturalGas Unmitigated	38.05	341.70	259.49	2.08		0.00	26.29		0.00	26.29		415,132.99		7.96	7.61	417,659.42

Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
-------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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	lb/day										lb/day					
Apartments Mid Rise	219461	2.37	20.22	8.61	0.13		0.00	1.64		0.00	1.64		25,818.93		0.49	0.47	25,976.06
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1.9973e+006	21.54	195.81	164.48	1.17		0.00	14.88		0.00	14.88		234,976.96		4.50	4.31	236,406.99
Government Office Building	773261	8.34	75.81	63.68	0.45		0.00	5.76		0.00	5.76		90,971.88		1.74	1.67	91,525.52
Single Family Housing	501546	5.41	46.22	19.67	0.30		0.00	3.74		0.00	3.74		59,005.36		1.13	1.08	59,364.46
Strip Mall	37058.7	0.40	3.63	3.05	0.02		0.00	0.28		0.00	0.28		4,359.85		0.08	0.08	4,386.38
Total		38.06	341.69	259.49	2.07		0.00	26.30		0.00	26.30		415,132.98		7.94	7.61	417,659.41

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	lb/day										lb/day					
Apartments Mid Rise	192.748	2.08	17.76	7.56	0.11		0.00	1.44		0.00	1.44		22,676.28		0.43	0.42	22,814.29
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1881.94	20.30	184.50	154.98	1.11		0.00	14.02		0.00	14.02		221,404.50		4.24	4.06	222,751.93
Government Office Building	680.437	7.34	66.71	56.04	0.40		0.00	5.07		0.00	5.07		80,051.36		1.53	1.47	80,538.54
Single Family Housing	438.065	4.72	40.37	17.18	0.26		0.00	3.26		0.00	3.26		51,537.05		0.99	0.94	51,850.69
Strip Mall	34.1458	0.37	3.35	2.81	0.02		0.00	0.25		0.00	0.25		4,017.15		0.08	0.07	4,041.60
Total		34.81	312.69	238.57	1.90		0.00	24.04		0.00	24.04		379,686.34		7.27	6.96	381,997.05

6.0 Area Detail

6.1 Mitigation Measures Area

	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	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Unmitigated	9,309.10	128.12	10,690.97	9.19		0.00	1,410.99		0.00	1,410.89	159,715.52	146,287.99		319.57	10.79	316,060.68
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	653.95					0.00	0.00		0.00	0.00						0.00
Consumer Products	2,084.38					0.00	0.00		0.00	0.00						0.00
Hearth	6,539.91	116.26	9,658.80	9.13		0.00	1,405.27		0.00	1,405.18	159,715.52	144,423.53		317.80	10.79	314,158.98
Landscaping	30.85	11.86	1,032.17	0.05		0.00	5.72		0.00	5.72		1,864.46		1.77		1,901.70
Total	9,309.09	128.12	10,690.97	9.18		0.00	1,410.99		0.00	1,410.90	159,715.52	146,287.99		319.57	10.79	316,060.68

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					

Architectural Coating	653.95					0.00	0.00		0.00	0.00					0.00	
Consumer Products	2,084.38					0.00	0.00		0.00	0.00					0.00	
Hearth	6,539.91	116.26	9,658.80	9.13		0.00	1,405.27		0.00	1,405.18	159,715.52	144,423.53		317.80	10.79	314,158.98
Landscaping	30.85	11.86	1,032.17	0.05		0.00	5.72		0.00	5.72		1,864.46		1.77		1,901.70
Total	9,309.09	128.12	10,690.97	9.18		0.00	1,410.99		0.00	1,410.90	159,715.52	146,287.99		319.57	10.79	316,060.68

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

**3957.1 OMCPU Proposed CPU 2030
San Diego County APCD Air District, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	15224.22	1000sqft
General Light Industry	52838.28	1000sqft
City Park	161	Acre
Apartments Mid Rise	14501	Dwelling Unit
Single Family Housing	4273	Dwelling Unit
Strip Mall	4521.53	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves - No woodstoves or fireplaces

Area Coating -
 Energy Mitigation -
 Water Mitigation -

2.0 Emissions Summary

2.1 Overall Construction

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	tons/yr										MT/yr					
2011	8.47	48.71	78.36	0.12	9.18	1.82	11.00	0.17	1.68	1.84	0.00	11,553.39	11,553.39	0.62	0.00	11,566.52
Total	8.47	48.71	78.36	0.12	9.18	1.82	11.00	0.17	1.68	1.84	0.00	11,553.39	11,553.39	0.62	0.00	11,566.52

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	tons/yr										MT/yr					
2011	8.47	48.71	78.36	0.12	0.47	1.82	2.29	0.17	1.68	1.84	0.00	11,553.39	11,553.39	0.62	0.00	11,566.52
Total	8.47	48.71	78.36	0.12	0.47	1.82	2.29	0.17	1.68	1.84	0.00	11,553.39	11,553.39	0.62	0.00	11,566.52

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	1,672.71	17.60	1,591.78	0.57		0.00	205.79		0.00	205.78	19,392.75	24,629.40	44,022.15	18.43	1.82	44,974.43

Energy	6.84	61.29	45.45	0.37		0.00	4.73	0.00	4.73	0.00	367,071.09	367,071.09	12.42	5.46	369,024.10	
Mobile	513.63	917.64	4,287.56	12.97	1,314.63	67.35	1,381.98	20.94	64.93	85.87	0.00	896,641.86	896,641.86	33.38	0.00	897,342.79
Waste						0.00	0.00		0.00	0.00	630,218.72	0.00	630,218.72	37,244.86	0.00	#####
Water						0.00	0.00		0.00	0.00	0.00	#####	#####	8,115.96	217.48	#####
Total	2,193.18	996.53	5,924.79	13.91	1,314.63	67.35	1,592.50	20.94	64.93	296.38	649,611.47	#####	#####	45,425.05	224.76	#####

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	1,672.71	17.60	1,591.78	0.57		0.00	205.79		0.00	205.78	19,392.75	24,629.40	44,022.15	18.43	1.82	44,974.43
Energy	6.23	55.80	41.59	0.34		0.00	4.30		0.00	4.30	0.00	335,084.92	335,084.92	11.34	4.98	336,867.56
Mobile	513.63	917.64	4,287.56	12.97	1,314.63	67.35	1,381.98	20.94	64.93	85.87	0.00	896,641.86	896,641.86	33.38	0.00	897,342.79
Waste						0.00	0.00		0.00	0.00	630,218.72	0.00	630,218.72	37,244.86	0.00	#####
Water						0.00	0.00		0.00	0.00	0.00	987,259.47	987,259.47	6,492.76	173.99	#####
Total	2,192.57	991.04	5,920.93	13.88	1,314.63	67.35	1,592.07	20.94	64.93	295.95	649,611.47	#####	#####	43,800.77	180.79	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	tons/yr										MT/yr					
Off-Road	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80
Total	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3.92	42.92	27.55	0.06	1.80	1.49	3.28	0.05	1.37	1.42	0.00	5,464.64	5,464.64	0.18	0.00	5,468.35
Worker	4.45	5.14	50.43	0.06	7.39	0.29	7.67	0.11	0.27	0.38	0.00	6,030.12	6,030.12	0.44	0.00	6,039.37
Total	8.37	48.06	77.98	0.12	9.19	1.78	10.95	0.16	1.64	1.80	0.00	11,494.76	11,494.76	0.62	0.00	11,507.72

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	tons/yr										MT/yr					
Off-Road	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80

Total	0.10	0.64	0.38	0.00		0.04	0.04		0.04	0.04	0.00	58.63	58.63	0.01	0.00	58.80
--------------	-------------	-------------	-------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

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	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	3.92	42.92	27.55	0.06	0.16	1.49	1.64	0.05	1.37	1.42	0.00	5,464.64	5,464.64	0.18	0.00	5,468.35
Worker	4.45	5.14	50.43	0.06	0.32	0.29	0.60	0.11	0.27	0.38	0.00	6,030.12	6,030.12	0.44	0.00	6,039.37
Total	8.37	48.06	77.98	0.12	0.48	1.78	2.24	0.16	1.64	1.80	0.00	11,494.76	11,494.76	0.62	0.00	11,507.72

4.0 Mobile Detail

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	513.63	917.64	4,287.56	12.97	1,314.63	67.35	1,381.98	20.94	64.93	85.87	0.00	896,641.86	896,641.86	33.38	0.00	897,342.79
Unmitigated	513.63	917.64	4,287.56	12.97	1,314.63	67.35	1,381.98	20.94	64.93	85.87	0.00	896,641.86	896,641.86	33.38	0.00	897,342.79
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	116,008.00	116,008.00	116,008.00	331,238,032	331,238,032
City Park	7,283.64	7,283.64	7,283.64	15,549,499	15,549,499
General Light Industry	484,527.03	484,527.03	484,527.03	1,414,582,055	1,414,582,055
Government Office Building	96,521.55	96,521.55	96,521.55	165,522,926	165,522,926
Single Family Housing	37,559.67	37,559.67	37,559.67	107,244,252	107,244,252
Strip Mall	303,213.80	303,213.80	303,213.80	466,959,273	466,959,273
Total	1,045,113.69	1,045,113.69	1,045,113.69	2,501,096,037	2,501,096,037

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

- Exceed Title 24
- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	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						0.00	0.00		0.00	0.00	0.00	273,458.95	273,458.95	10.16	3.85	274,866.54
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	299,337.09	299,337.09	11.12	4.22	300,877.88
NaturalGas Mitigated	6.23	55.80	41.59	0.34		0.00	4.30		0.00	4.30	0.00	61,625.97	61,625.97	1.18	1.13	62,001.02
NaturalGas Unmitigated	6.84	61.29	45.45	0.37		0.00	4.73		0.00	4.73	0.00	67,734.00	67,734.00	1.30	1.24	68,146.22
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	tons/yr										MT/yr					
Apartments Mid Rise	1.52839e+008	0.82	7.04	3.00	0.04		0.00	0.57		0.00	0.57	0.00	8,156.08	8,156.08	0.16	0.15	8,205.71
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Light Industry	6.22963e+008	3.36	30.54	25.65	0.18		0.00	2.32		0.00	2.32	0.00	33,243.70	33,243.70	0.64	0.61	33,446.01
Government Office Building	3.20165e+008	1.73	15.69	13.18	0.09		0.00	1.19		0.00	1.19	0.00	17,085.24	17,085.24	0.33	0.31	17,189.22
Single Family Housing	1.62965e+008	0.88	7.51	3.20	0.05		0.00	0.61		0.00	0.61	0.00	8,696.44	8,696.44	0.17	0.16	8,749.37
Strip Mall	1.03543e+007	0.06	0.51	0.43	0.00		0.00	0.04		0.00	0.04	0.00	552.55	552.55	0.01	0.01	555.91
Total		6.85	61.29	45.46	0.36		0.00	4.73		0.00	4.73	0.00	67,734.01	67,734.01	1.31	1.24	68,146.22

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	tons/yr										MT/yr					

Apartments Mid Rise	1.34236e+008	0.72	6.19	2.63	0.04		0.00	0.50		0.00	0.50	0.00	7,163.33	7,163.33	0.14	0.13	7,206.92
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Light Industry	5.8698e+008	3.17	28.77	24.17	0.17		0.00	2.19		0.00	2.19	0.00	31,323.51	31,323.51	0.60	0.57	31,514.14
Government Office Building	2.81732e+008	1.52	13.81	11.60	0.08		0.00	1.05		0.00	1.05	0.00	15,034.28	15,034.28	0.29	0.28	15,125.78
Single Family Housing	1.42339e+008	0.77	6.56	2.79	0.04		0.00	0.53		0.00	0.53	0.00	7,595.73	7,595.73	0.15	0.14	7,641.96
Strip Mall	9.54043e+006	0.05	0.47	0.39	0.00		0.00	0.04		0.00	0.04	0.00	509.11	509.11	0.01	0.01	512.21
Total		6.23	55.80	41.58	0.33		0.00	4.31		0.00	4.31	0.00	61,625.96	61,625.96	1.19	1.13	62,001.01

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use kWh	ROG tons/yr	NOx tons/yr	CO tons/yr	SO2 tons/yr	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Apartments Mid Rise	5.0568e+007					17,909.19	0.67	0.25	18,001.38
City Park	0					0.00	0.00	0.00	0.00
General Light Industry	4.75545e+008					168,419.03	6.26	2.37	169,285.94
Government Office Building	2.28211e+008					80,823.32	3.00	1.14	81,239.34
Single Family Housing	2.73962e+007					9,702.64	0.36	0.14	9,752.58
Strip Mall	6.34823e+007					22,482.91	0.84	0.32	22,598.64
Total						299,337.09	11.13	4.22	300,877.88

Mitigated

Land Use	Electricity Use kWh	ROG tons/yr	NOx tons/yr	CO tons/yr	SO2 tons/yr	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Apartments Mid Rise	4.64893e+007					16,464.68	0.61	0.23	16,549.43
City Park	0					0.00	0.00	0.00	0.00

General Light Industry	4.38056e+008					155,142.00	5.76	2.19	155,940.57
Government Office Building	2.05329e+008					72,719.42	2.70	1.02	73,093.73
Single Family Housing	2.61558e+007					9,263.34	0.34	0.13	9,311.02
Strip Mall	5.61031e+007					19,869.51	0.74	0.28	19,971.79
Total						273,458.95	10.15	3.85	274,866.54

6.0 Area Detail

6.1 Mitigation Measures Area

	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	1,672.71	17.60	1,591.78	0.57		0.00	205.79		0.00	205.78	19,392.75	24,629.40	44,022.15	18.43	1.82	44,974.43
Unmitigated	1,672.71	17.60	1,591.78	0.57		0.00	205.79		0.00	205.78	19,392.75	24,629.40	44,022.15	18.43	1.82	44,974.43
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	118.72					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	370.15					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	1,179.64	15.98	1,451.26	0.57		0.00	205.02		0.00	205.00	19,392.75	24,399.11	43,791.85	18.21	1.82	44,739.54

Landscaping	4.20	1.61	140.52	0.01		0.00	0.78		0.00	0.78	0.00	230.29	230.29	0.22	0.00	234.89
Total	1,672.71	17.59	1,591.78	0.58		0.00	205.80		0.00	205.78	19,392.75	24,629.40	44,022.14	18.43	1.82	44,974.43

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	118.72					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	370.15					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	1,179.64	15.98	1,451.26	0.57		0.00	205.02		0.00	205.00	19,392.75	24,399.11	43,791.85	18.21	1.82	44,739.54
Landscaping	4.20	1.61	140.52	0.01		0.00	0.78		0.00	0.78	0.00	230.29	230.29	0.22	0.00	234.89
Total	1,672.71	17.59	1,591.78	0.58		0.00	205.80		0.00	205.78	19,392.75	24,629.40	44,022.14	18.43	1.82	44,974.43

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					987,259.47	6,492.76	173.99	#####
Unmitigated					#####	8,115.96	217.48	#####
Total	NA	NA	NA	NA	NA	NA	NA	NA

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	944.799 / 595.634					6,711.21	29.09	0.81	7,573.05
City Park	0 / 191.828					754.79	0.03	0.01	758.68
General Light Industry	259803 / 0					#####	7,974.85	213.55	#####
Government Office Building	3024.43 / 1853.69					21,274.91	93.11	2.59	24,032.69
Single Family Housing	278.403 / 175.515					1,977.59	8.57	0.24	2,231.54
Strip Mall	334.921 / 205.274					2,355.95	10.31	0.29	2,661.34
Total						1,234,074.34	8,115.96	217.49	1,471,929.41

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	755.839 / 476.507					5,368.97	23.27	0.65	6,058.44
City Park	0 / 153.463					603.83	0.02	0.01	606.94
General Light Industry	207842 / 0					960,799.91	6,379.88	170.84	#####
Government Office Building	2419.55 / 1482.95					17,019.93	74.49	2.07	19,226.15
Single Family Housing	222.723 / 140.412					1,582.07	6.86	0.19	1,785.24
Strip Mall	267.937 / 164.219					1,884.76	8.25	0.23	2,129.07
Total						987,259.47	6,492.77	173.99	1,177,543.53

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					630,218.72	37,244.86	0.00	#####
Unmitigated					630,218.72	37,244.86	0.00	#####
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	6670.46					1,354.04	80.02	0.00	3,034.50
City Park	13.85					2.81	0.17	0.00	6.30
General Light Industry	3.07406e+006					624,006.98	36,877.76	0.00	#####
Government Office Building	14158.5					2,874.05	169.85	0.00	6,440.93
Single Family Housing	5010.61					1,017.11	60.11	0.00	2,279.41
Strip Mall	4747.61					963.72	56.95	0.00	2,159.76
Total						630,218.71	37,244.86	0.00	1,412,360.77

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e

Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	6670.46					1,354.04	80.02	0.00	3,034.50
City Park	13.85					2.81	0.17	0.00	6.30
General Light Industry	3.07406e+006					624,006.98	36,877.76	0.00	#####
Government Office Building	14158.5					2,874.05	169.85	0.00	6,440.93
Single Family Housing	5010.61					1,017.11	60.11	0.00	2,279.41
Strip Mall	4747.61					963.72	56.95	0.00	2,159.76
Total						630,218.71	37,244.86	0.00	1,412,360.77

9.0 Vegetation

**3957.1 OMCPU Proposed CPU 2030
San Diego County APCD Air District, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	15224.22	1000sqft
General Light Industry	52838.28	1000sqft
City Park	161	Acre
Apartments Mid Rise	14501	Dwelling Unit
Single Family Housing	4273	Dwelling Unit
Strip Mall	4521.53	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)	40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves - No woodstoves or fireplaces

Area Coating -
 Energy Mitigation -
 Water Mitigation -

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					
2011	523.93	3,134.96	4,888.77	7.95	656.37	112.76	769.12	10.39	104.09	114.48	0.00	823,759.19	0.00	43.47	0.00	824,672.01
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	523.93	3,134.96	4,888.77	7.95	29.56	112.76	142.31	10.39	104.09	114.48	0.00	823,759.19	0.00	43.47	0.00	824,672.01
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07

Energy	37.50	335.84	249.06	2.05		0.00	25.91		0.00	25.91		409,117.57		7.84	7.50	411,607.40
Mobile	2,893.33	5,166.37	23,706.98	75.64	8,274.54	369.77	8,644.31	115.08	356.11	471.20		#####		214.64		#####
Total	15,557.91	5,696.18	40,142.51	91.60	8,274.54	369.77	10,806.50	115.08	356.11	2,633.24	241,814.44	#####		706.32	23.84	#####

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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Energy	34.12	305.73	227.87	1.86		0.00	23.57		0.00	23.57		372,224.68		7.13	6.82	374,489.98
Mobile	2,893.33	5,166.37	23,706.98	75.64	8,274.54	369.77	8,644.31	115.08	356.11	471.20		#####		214.64		#####
Total	15,554.53	5,666.07	40,121.32	91.41	8,274.54	369.77	10,804.16	115.08	356.11	2,630.90	241,814.44	#####		705.61	23.16	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	237.60	2,769.94	1,598.07	3.60	127.89	92.04	219.93	3.26	84.69	87.96		377,678.67		11.74		377,925.12
Worker	280.22	324.80	3,266.67	4.31	528.48	17.91	546.39	7.13	16.60	23.73		442,039.91		31.18		442,694.78
Total	517.82	3,094.74	4,864.74	7.91	656.37	109.95	766.32	10.39	101.29	111.69		819,718.58		42.92		820,619.90

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	237.60	2,769.94	1,598.07	3.60	9.81	92.04	101.86	3.26	84.69	87.96		377,678.67		11.74		377,925.12
Worker	280.22	324.80	3,266.67	4.31	19.75	17.91	37.66	7.13	16.60	23.73		442,039.91		31.18		442,694.78
Total	517.82	3,094.74	4,864.74	7.91	29.56	109.95	139.52	10.39	101.29	111.69		819,718.58		42.92		820,619.90

4.0 Mobile Detail

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	2,893.33	5,166.37	23,706.98	75.64	8,274.54	369.77	8,644.31	115.08	356.11	471.20		#####		214.64		#####
Unmitigated	2,893.33	5,166.37	23,706.98	75.64	8,274.54	369.77	8,644.31	115.08	356.11	471.20		#####		214.64		#####
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

	Average Daily Trip Rate	Unmitigated	Mitigated

Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	116,008.00	116,008.00	116,008.00	331,238,032	331,238,032
City Park	7,283.64	7,283.64	7,283.64	15,549,499	15,549,499
General Light Industry	484,527.03	484,527.03	484,527.03	1,414,582,055	1,414,582,055
Government Office Building	96,521.55	96,521.55	96,521.55	165,522,926	165,522,926
Single Family Housing	37,559.67	37,559.67	37,559.67	107,244,252	107,244,252
Strip Mall	303,213.80	303,213.80	303,213.80	466,959,273	466,959,273
Total	1,045,113.69	1,045,113.69	1,045,113.69	2,501,096,037	2,501,096,037

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

	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	34.12	305.73	227.87	1.86		0.00	23.57		0.00	23.57		372,224.68		7.13	6.82	374,489.98
NaturalGas Unmitigated	37.50	335.84	249.06	2.05		0.00	25.91		0.00	25.91		409,117.57		7.84	7.50	411,607.40
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Mid Rise	418737	4.52	38.59	16.42	0.25		0.00	3.12		0.00	3.12		49,263.20		0.94	0.90	49,563.01
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1.70675e+006	18.41	167.33	140.56	1.00		0.00	12.72		0.00	12.72		200,793.98		3.85	3.68	202,015.98
Government Office Building	877165	9.46	86.00	72.24	0.52		0.00	6.54		0.00	6.54		103,195.92		1.98	1.89	103,823.95
Single Family Housing	446480	4.81	41.15	17.51	0.26		0.00	3.33		0.00	3.33		52,527.06		1.01	0.96	52,846.73
Strip Mall	28368	0.31	2.78	2.34	0.02		0.00	0.21		0.00	0.21		3,337.41		0.06	0.06	3,357.72
Total		37.51	335.85	249.07	2.05		0.00	25.92		0.00	25.92		409,117.57		7.84	7.49	411,607.39

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	lb/day										lb/day					
Apartments Mid Rise	367.769	3.97	33.89	14.42	0.22		0.00	2.74		0.00	2.74		43,266.94		0.83	0.79	43,530.26
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1608.17	17.34	157.66	132.44	0.95		0.00	11.98		0.00	11.98		189,195.96		3.63	3.47	190,347.37
Government Office Building	771.868	8.32	75.67	63.57	0.45		0.00	5.75		0.00	5.75		90,807.99		1.74	1.66	91,360.64
Single Family Housing	389.969	4.21	35.94	15.29	0.23		0.00	2.91		0.00	2.91		45,878.71		0.88	0.84	46,157.92
Strip Mall	26.1382	0.28	2.56	2.15	0.02		0.00	0.19		0.00	0.19		3,075.08		0.06	0.06	3,093.79

Total		34.12	305.72	227.87	1.87		0.00	23.57		0.00	23.57		372,224.68		7.14	6.82	374,489.98
-------	--	-------	--------	--------	------	--	------	-------	--	------	-------	--	------------	--	------	------	------------

6.0 Area Detail

6.1 Mitigation Measures Area

	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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Unmitigated	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	650.52					0.00	0.00		0.00	0.00						0.00
Consumer Products	2,028.22					0.00	0.00		0.00	0.00						0.00
Hearth	9,901.64	176.02	14,623.73	13.82		0.00	2,127.63		0.00	2,127.48	241,814.44	218,661.88		481.15	16.34	475,646.83
Landscaping	46.71	17.95	1,562.74	0.08		0.00	8.65		0.00	8.65		2,822.85		2.69		2,879.23
Total	12,627.09	193.97	16,186.47	13.90		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.06

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						
Architectural Coating	650.52					0.00	0.00		0.00	0.00							0.00
Consumer Products	2,028.22					0.00	0.00		0.00	0.00							0.00
Hearth	9,901.64	176.02	14,623.73	13.82		0.00	2,127.63		0.00	2,127.48	241,814.44	218,661.88		481.15	16.34		475,646.83
Landscaping	46.71	17.95	1,562.74	0.08		0.00	8.65		0.00	8.65		2,822.85		2.69			2,879.23
Total	12,627.09	193.97	16,186.47	13.90		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34		478,526.06

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

**3957.1 OMCPU Proposed CPU 2030
San Diego County APCD Air District, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	15224.22	1000sqft
General Light Industry	52838.28	1000sqft
City Park	161	Acre
Apartments Mid Rise	14501	Dwelling Unit
Single Family Housing	4273	Dwelling Unit
Strip Mall	4521.53	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	San Diego Gas & Electric
Climate Zone	13		2.6		
		Precipitation Freq (Days)			
			40		

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Source: OMCPU 2011
- Construction Phase - construction calculated separately
- Architectural Coating -
- Vehicle Trips - Source: OMCPU Traffic Report
- Woodstoves - No woodstoves or fireplaces

Area Coating -
 Energy Mitigation -
 Water Mitigation -

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					
2011	561.43	3,228.81	4,908.25	7.64	656.37	114.78	771.14	10.39	105.95	116.35	0.00	787,162.53	0.00	42.91	0.00	788,063.66
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	561.43	3,228.81	4,908.25	7.64	29.56	114.78	144.34	10.39	105.95	116.35	0.00	787,162.53	0.00	42.91	0.00	788,063.66
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07

Energy	37.50	335.84	249.06	2.05		0.00	25.91		0.00	25.91		409,117.57		7.84	7.50	411,607.40
Mobile	3,058.93	5,338.05	23,485.47	70.63	8,274.54	371.31	8,645.85	115.08	357.65	472.73		#####		201.78		#####
Total	15,723.51	5,867.86	39,921.00	86.59	8,274.54	371.31	10,808.04	115.08	357.65	2,634.77	241,814.44	#####		693.46	23.84	#####

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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Energy	34.12	305.73	227.87	1.86		0.00	23.57		0.00	23.57		372,224.68		7.13	6.82	374,489.98
Mobile	3,058.93	5,338.05	23,485.47	70.63	8,274.54	371.31	8,645.85	115.08	357.65	472.73		#####		201.78		#####
Total	15,720.13	5,837.75	39,899.81	86.40	8,274.54	371.31	10,805.70	115.08	357.65	2,632.43	241,814.44	#####		692.75	23.16	#####

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Building Construction - 2011

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80		4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	249.64	2,832.78	1,774.29	3.57	127.89	94.07	221.95	3.26	86.56	89.82		374,810.22		12.28		375,068.17
Worker	305.68	355.82	3,109.93	4.02	528.48	17.91	546.39	7.13	16.60	23.73		408,311.69		30.08		408,943.38
Total	555.32	3,188.60	4,884.22	7.59	656.37	111.98	768.34	10.39	103.16	113.55		783,121.91		42.36		784,011.55

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	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11
Total	6.11	40.22	24.03	0.04		2.80	2.80		2.80	2.80	0.00	4,040.62		0.55		4,052.11

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	249.64	2,832.78	1,774.29	3.57	9.81	94.07	103.88	3.26	86.56	89.82		374,810.22		12.28		375,068.17
Worker	305.68	355.82	3,109.93	4.02	19.75	17.91	37.66	7.13	16.60	23.73		408,311.69		30.08		408,943.38
Total	555.32	3,188.60	4,884.22	7.59	29.56	111.98	141.54	10.39	103.16	113.55		783,121.91		42.36		784,011.55

4.0 Mobile Detail

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	3,058.93	5,338.05	23,485.47	70.63	8,274.54	371.31	8,645.85	115.08	357.65	472.73		#####		201.78		#####
Unmitigated	3,058.93	5,338.05	23,485.47	70.63	8,274.54	371.31	8,645.85	115.08	357.65	472.73		#####		201.78		#####
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

	Average Daily Trip Rate	Unmitigated	Mitigated
--	-------------------------	-------------	-----------

Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	116,008.00	116,008.00	116,008.00	331,238,032	331,238,032
City Park	7,283.64	7,283.64	7,283.64	15,549,499	15,549,499
General Light Industry	484,527.03	484,527.03	484,527.03	1,414,582,055	1,414,582,055
Government Office Building	96,521.55	96,521.55	96,521.55	165,522,926	165,522,926
Single Family Housing	37,559.67	37,559.67	37,559.67	107,244,252	107,244,252
Strip Mall	303,213.80	303,213.80	303,213.80	466,959,273	466,959,273
Total	1,045,113.69	1,045,113.69	1,045,113.69	2,501,096,037	2,501,096,037

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60
City Park	9.50	7.30	7.30	33.00	48.00	19.00
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

	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	34.12	305.73	227.87	1.86		0.00	23.57		0.00	23.57		372,224.68		7.13	6.82	374,489.98
NaturalGas Unmitigated	37.50	335.84	249.06	2.05		0.00	25.91		0.00	25.91		409,117.57		7.84	7.50	411,607.40
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Mid Rise	418737	4.52	38.59	16.42	0.25		0.00	3.12		0.00	3.12		49,263.20		0.94	0.90	49,563.01
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1.70675e+006	18.41	167.33	140.56	1.00		0.00	12.72		0.00	12.72		200,793.98		3.85	3.68	202,015.98
Government Office Building	877165	9.46	86.00	72.24	0.52		0.00	6.54		0.00	6.54		103,195.92		1.98	1.89	103,823.95
Single Family Housing	446480	4.81	41.15	17.51	0.26		0.00	3.33		0.00	3.33		52,527.06		1.01	0.96	52,846.73
Strip Mall	28368	0.31	2.78	2.34	0.02		0.00	0.21		0.00	0.21		3,337.41		0.06	0.06	3,357.72
Total		37.51	335.85	249.07	2.05		0.00	25.92		0.00	25.92		409,117.57		7.84	7.49	411,607.39

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	lb/day										lb/day					
Apartments Mid Rise	367.769	3.97	33.89	14.42	0.22		0.00	2.74		0.00	2.74		43,266.94		0.83	0.79	43,530.26
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
General Light Industry	1608.17	17.34	157.66	132.44	0.95		0.00	11.98		0.00	11.98		189,195.96		3.63	3.47	190,347.37
Government Office Building	771.868	8.32	75.67	63.57	0.45		0.00	5.75		0.00	5.75		90,807.99		1.74	1.66	91,360.64
Single Family Housing	389.969	4.21	35.94	15.29	0.23		0.00	2.91		0.00	2.91		45,878.71		0.88	0.84	46,157.92
Strip Mall	26.1382	0.28	2.56	2.15	0.02		0.00	0.19		0.00	0.19		3,075.08		0.06	0.06	3,093.79

Total		34.12	305.72	227.87	1.87		0.00	23.57		0.00	23.57		372,224.68		7.14	6.82	374,489.98
-------	--	-------	--------	--------	------	--	------	-------	--	------	-------	--	------------	--	------	------	------------

6.0 Area Detail

6.1 Mitigation Measures Area

	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	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Unmitigated	12,627.08	193.97	16,186.47	13.91		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.07
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
Architectural Coating	650.52					0.00	0.00		0.00	0.00						0.00
Consumer Products	2,028.22					0.00	0.00		0.00	0.00						0.00
Hearth	9,901.64	176.02	14,623.73	13.82		0.00	2,127.63		0.00	2,127.48	241,814.44	218,661.88		481.15	16.34	475,646.83
Landscaping	46.71	17.95	1,562.74	0.08		0.00	8.65		0.00	8.65		2,822.85		2.69		2,879.23
Total	12,627.09	193.97	16,186.47	13.90		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34	478,526.06

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						
Architectural Coating	650.52					0.00	0.00		0.00	0.00							0.00
Consumer Products	2,028.22					0.00	0.00		0.00	0.00							0.00
Hearth	9,901.64	176.02	14,623.73	13.82		0.00	2,127.63		0.00	2,127.48	241,814.44	218,661.88		481.15	16.34		475,646.83
Landscaping	46.71	17.95	1,562.74	0.08		0.00	8.65		0.00	8.65		2,822.85		2.69			2,879.23
Total	12,627.09	193.97	16,186.47	13.90		0.00	2,136.28		0.00	2,136.13	241,814.44	221,484.73		483.84	16.34		478,526.06

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

ATTACHMENT 2
EMFAC2011 Emissions Data Sheets

THIS PAGE IS INTENTIONALLY BLANK.

EMFAC 2011
 2035 Estimated Annual Emission Rates
 EMFAC 2011 Vehicle Categories
 San Diego COUNTY
 San Diego AIR BASIN

Area	CalYr	Season	Veh	Fuel	MdlYr	Speed (Miles/hr)	VMT (Miles/day)	ROG_RUNEX (gms/mile)	TOG_RUNEX (gms/mile)	CO_RUNEX (gms/mile)	NOX_RUNEX (gms/mile)	CO2_RUNEX (gms/mile)	CO2_RUNEX(Pavli (gms/mile)	PM10_RUNEX (gms/mile)
San Diego (SD)	2035 Annual	LDA	GAS	AllMYr		5	91882.55084	0.130226479	0.190769196	1.255239513	0.14330451	1089.245746	648.7026829	0.013844096
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr		5	390.5783024	0.018109024	0.020615919	0.117720139	0.307497299	503.6912106	305.6611624	0.011030116
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr		5	13411.44198	0.074647598	0.134944204	1.229881979	0.116729515	1267.38379	779.3490726	0.013767031
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr		5	16.6410155	0.020513796	0.023353592	0.124679759	0.356225293	504.8271139	302.2397554	0.010523412
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr		5	34396.02161	0.074333375	0.136838612	1.182736137	0.121101177	1482.332163	1008.951159	0.013710989
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr		5	14.2637459	0.023264966	0.026485616	0.158292255	0.395990432	502.1635774	343.262791	0.012172318
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr		5	74101.91883	0.048094995	0.080086256	0.753788202	0.101151439	2513.497115	2262.147404	0.001436193
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr		5	24090.5364	0.197388157	0.22471329	2.354926222	1.563892243	519.0386274	467.1347647	0.052568319
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr		5	6190.951283	0.035138717	0.063969217	0.554653819	0.075572197	2513.497108	2262.147397	0.001056226
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr		5	6220.790597	0.180822436	0.205854319	2.224117523	1.411822214	519.1270682	467.2143614	0.04894233
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr		5	1165.661431	4.680262965	5.129990087	23.13459594	1.223129367	266.3883747	239.7495372	4.67E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr		5	23306.64944	0.106754726	0.188297022	1.649191817	0.173089223	1899.785318	1331.769498	0.013285775
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr		5	25.85566618	0.018942989	0.021565332	0.120202194	0.321945419	504.1343001	349.8222441	0.011476116
San Diego (SD)	2035 Annual	MH	GAS	AllMYr		5	2770.257115	0.054939737	0.098946326	0.754955675	0.113285996	2513.497167	2262.147451	0.001014805
San Diego (SD)	2035 Annual	MH	DSL	AllMYr		5	415.2464856	1.061711739	1.208688203	1.864899046	10.59071621	2408.073159	2167.265843	0.116483418
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr		5	244.6135011	2.359099759	2.685655498	4.712242278	5.929165626	3956.382502	3560.744252	0.0669697145
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr		5	703.6700788	0.086122171	0.13381807	1.2583513	0.135567271	2513.497135	2262.147421	0.001035129
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr		5	169.3055375	0.584686431	0.691452068	8.036032445	0.640131665	2513.497014	2262.147312	0.003018372
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr		5	320.0450701	2.281404998	2.597205927	4.045577123	12.25299043	2617.433993	2355.690594	0.064330803
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr		5	48.03555949	1.199056581	1.365034643	2.126266873	3.783993402	2560.316276	2304.284648	0.046345049
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr		5	6.877321171	1.047124035	1.192071005	1.856847444	3.103733524	2559.771396	2303.794257	0.038962322
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr		5	23.80874125	0.995140674	1.132891906	1.764666224	2.85399011	2559.757881	2303.782093	0.036385586
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr		5	426.1069773	1.133389476	1.290277643	2.009820501	3.514264365	2559.829437	2303.846494	0.043226445
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr		5	1268.078487	1.034979397	1.17824526	1.835311563	3.044791191	2559.77262	2303.795358	0.038358864
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr		5	1785.668909	1.134503721	1.291546127	2.011796373	3.519246105	2559.834059	2303.850653	0.043280226
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr		5	5302.720757	1.035373689	1.178694131	1.836010754	3.046596151	2559.773739	2303.796365	0.038378068
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr		5	3.94291162	1.047124035	1.192071005	1.856847444	3.103733524	2559.771396	2303.794257	0.038962322
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr		5	13.65004777	0.995140674	1.132891906	1.764666224	2.85399011	2559.757881	2303.782093	0.036385586
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr		5	429.14924	0.858837391	0.977720994	1.521123895	2.417825919	2560.683311	2304.61498	0.03080891
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr		5	47.70022326	0.83825816	0.954293106	1.4864691	2.097757598	2559.765456	2303.78891	0.028595357
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr		5	1878.757019	0.08219084	0.12940792	1.206080691	0.130960338	2513.497325	2262.147592	0.001068516
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr		5	54.88254701	2.497298356	2.842984081	4.986957157	6.412272862	3956.995143	3561.295629	0.074674107
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr		5	1702.897665	2.572820808	2.928960644	5.142669251	6.777547722	3956.349186	3560.714268	0.078126837
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr		5	146.9785664	2.57297047	2.929131022	5.142971295	6.778154139	3956.349062	3560.714156	0.078132823
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr		5	1915.69622	2.233783942	2.542992979	4.460213611	5.436462056	3956.345781	3560.711203	0.064800747
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr		5	620.1520578	2.572821142	2.928961024	5.14267002	6.777546862	3956.349171	3560.714254	0.078126863
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr		5	392.8997288	3.09582926	3.524365954	6.195513859	8.847084591	3956.343601	3560.709241	0.098692997
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr		5	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL	DSL	AllMYr		5	343.1818616	3.09582926	3.524365954	6.195513859	8.847084591	3956.343601	3560.709241	0.098692997
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr		5	89.41453697	1.708997568	1.945563641	3.364868756	7.357333926	3969.010071	3572.109064	0.068447285
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr		5	912.5456513	2.07262574	2.359526634	4.135363836	4.793869554	3956.442531	3560.798277	0.058407338
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr		5	380.2142127	2.073469467	2.360487153	4.137072505	4.797263857	3956.440317	3560.796285	0.058441851
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr		5	260.7144383	1.925334395	2.19184665	3.834946575	4.600847491	3958.697325	3562.827592	0.053718147
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr		5	2515.756668	2.58453921	2.942301153	5.165625869	6.8145493	3956.449922	3560.80493	0.078504499
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr		5	283.4777972	2.590082931	2.948612257	5.176755182	6.835899493	3956.454722	3560.80925	0.078718489
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr		5	12.84403673	1.692268737	1.92651914	3.370080043	3.2981857	3956.396053	3560.756448	0.043502668
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr		5	94.96349422	2.388700977	3.046265797	116.8592847	3.328709587	2513.497282	2262.147554	9.72E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr		5	364.0066665	0.913099221	1.038237621	11.70155538	1.194138634	2513.497	2262.1473	0.00164931
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr		5	1779.190812	1.086094902	1.236446754	6.344351758	14.48360514	2335.741399	2102.167259	0.439697514
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr		5	530.1046553	1.229526923	1.399722809	2.18029942	3.972950973	2559.918613	2303.926751	0.047970343

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	10	309016.9281	0.082169547	0.120417679	1.146751853	0.124047091	809.3352903	482.0010381	0.00871204	
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	10	1313.58244	0.015409127	0.017542266	0.110889851	0.291755375	454.9392031	276.1467562	0.009385955	
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	10	45105.00044	0.047383708	0.085560472	1.120010985	0.100593355	941.6338661	579.0347869	0.008672349	
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	10	55.9666185	0.017411311	0.019821619	0.119390056	0.338787683	455.724536	272.8420649	0.008931862	
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	10	115679.7689	0.04699033	0.086462389	1.0797824	0.104639981	1101.34353	749.6301995	0.008629392	
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	10	47.9714441	0.019834369	0.02258011	0.147336486	0.374984207	453.8830033	310.3815846	0.010385573	
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	10	193226.7453	0.038845741	0.064653123	0.612118599	0.103280767	2036.128194	1832.515374	0.00115654	
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	10	80112.01041	0.0174412337	0.198556847	1.944387436	1.417983433	519.0386897	467.1348207	0.046449406	
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	10	16143.40648	0.028371165	0.051643217	0.450410218	0.077163064	2036.128185	1832.515366	8.51E-04	
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	10	20686.96495	0.159774834	0.18189302	1.836382627	1.280101177	519.1270404	467.2143363	0.043245477	
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	10	3920.320966	4.042140518	4.426860993	21.18720203	1.190175833	242.2959809	218.0663828	4.02E-04	
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	10	78384.29291	0.067694193	0.119308445	1.50346671	0.148714362	1411.481915	989.4614855	0.008365999	
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	10	86.9570854	0.016100954	0.018329866	0.113999522	0.305763893	455.2455147	315.9281583	0.009754575	
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	10	13926.10546	0.044253574	0.079678247	0.611570864	0.116171214	2036.128467	1832.51562	8.17E-04	
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	10	2066.940529	0.798165336	0.908658146	1.476661105	9.085396493	2186.577711	1967.88394	0.100915042	
San Diego (SD)	2035 Annual	Motor Cr	DSL	AllMYr	10	934.4348842	1.37237377	1.56234307	2.935707996	4.457645774	3268.281135	2941.453021	0.06392239	
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	10	3537.355797	0.069400353	0.107755499	1.019359051	0.139019948	2036.128397	1832.515558	8.34E-04	
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	10	593.4072622	0.471783328	0.557528587	6.518253473	0.654398591	2036.127946	1832.515151	0.002430641	
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	10	1121.741567	1.327175913	1.510888751	2.520378285	9.212002914	2162.205029	1945.984526	0.059000676	
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	10	239.1029195	0.697534639	0.79409009	1.324655715	2.844869457	2115.02133	1903.519197	0.042505132	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	10	34.23271401	0.609149975	0.693470877	1.156808493	2.333438716	2114.571217	1903.114096	0.0357341	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	10	118.5109449	0.578909371	0.659044252	1.099379964	2.145677445	2114.560053	1903.104048	0.033370859	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	10	2121.000013	0.659333706	0.750601235	1.252110092	2.642082661	2114.619164	1903.157247	0.039644919	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	10	6312.017007	0.602084999	0.68542794	1.143391726	2.289124886	2114.572228	1903.115005	0.035180641	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	10	8888.387142	0.659981903	0.7511339158	1.253341053	2.645828016	2114.622982	1903.160683	0.039694244	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	10	26394.94632	0.602314373	0.685689065	1.143827319	2.290481885	2114.573153	1903.115838	0.035198254	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	10	19.62632869	0.609149975	0.693470877	1.156808493	2.333438716	2114.571217	1903.114096	0.0357341	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	10	67.94479564	0.578909371	0.659044252	1.099379964	2.145677445	2114.560053	1903.104048	0.033370859	
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	10	2136.14325	0.568799051	0.568799051	0.948257864	1.803958379	2115.32453	1903.792077	0.027929635	
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	10	237.4337421	0.487645131	0.555146861	0.926064274	1.577129208	2114.56631	1903.109679	0.02622609	
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	10	9444.527831	0.066230109	0.104204594	0.977015945	0.134295687	2036.128238	1832.515414	8.60E-04	
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	10	209.6538672	1.452768899	1.653866805	3.106854261	4.820853865	3268.787224	2941.908502	0.068486986	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	10	6505.147818	1.496703044	1.703882485	3.20386227	5.095473607	3268.253613	2941.428252	0.07165364	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	10	561.4649194	1.496790108	1.7039816	3.204050442	5.095929521	3268.253511	2941.42816	0.07165913	
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	10	7318.048138	1.29947302	1.479351116	2.778695149	4.087222998	3268.2508	2941.42572	0.059431683	
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	10	2369.009535	1.496703239	1.703882706	3.203862749	5.09547296	3268.253601	2941.428241	0.071653664	
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	10	1500.895131	1.800956003	2.050251318	3.859780228	6.651386	3268.248999	2941.4241	0.090515792	
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	10	0	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	10	1310.970579	1.800956003	2.050251318	3.859780228	6.651386	3268.248999	2941.4241	0.090515792	
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	10	341.5676655	0.994603171	1.13228	2.110553012	5.253891718	3278.712494	2950.841244	0.056566936	
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	10	3485.966581	1.205721458	1.372622098	2.576315046	3.60411122	3268.330723	2941.497651	0.053568	
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	10	1452.435873	1.206212284	1.373180867	2.57737954	3.606663113	3268.328894	2941.496005	0.053599653	
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	10	995.9412089	1.120069279	1.275113613	2.390256345	3.443686833	3270.193359	2943.174023	0.048897292	
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	10	9610.306793	1.503520063	1.711643142	3.218164151	5.123292012	3268.336829	2941.503146	0.072000011	
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	10	1082.898292	1.506745047	1.71531454	3.225097668	5.139343443	3268.340794	2941.506715	0.072196271	
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	10	49.0648142	0.984454014	1.120725957	2.099546319	2.479631111	3268.292329	2941.463096	0.039898256	
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	10	464.1356643	1.948426643	2.463675965	95.12235645	3.382041544	2036.128088	1832.515279	7.83E-04	
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	10	1306.530328	0.735302539	0.836074285	9.479170921	1.224404689	2036.128245	1832.51542	0.00132816	
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	10	6386.055766	0.921008276	1.048506614	4.995636943	12.58829302	2335.741404	2102.167263	0.372863404	
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	10	2638.661276	0.715260341	0.814269452	1.358317774	2.98693916	2114.69283	1903.225547	0.043995762	

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	15	782327.3374	0.054706236	0.08018233	1.049680232	0.108841201	623.9765006	371.610054	0.005783711
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	15	3325.550888	0.011598388	0.013203993	0.099433814	0.266007196	381.6321457	231.7667529	0.00706514
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	15	114190.7501	0.031724195	0.057213819	1.022623619	0.08796599	725.9347674	446.3947707	0.005762923
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	15	141.688726	0.013056552	0.014864016	0.109696338	0.310053118	381.8903795	228.6375902	0.006697905
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	15	292862.4292	0.031335258	0.057628558	0.987847955	0.091689301	849.0654504	577.9165747	0.005729547
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	15	121.4476244	0.014971411	0.017043956	0.129709578	0.34082117	381.2848573	260.9390361	0.007848287
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	15	440003.3388	0.025981178	0.043240903	0.41850449	0.108409186	1392.429664	1253.186698	7.74E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	15	173499.657	0.138437952	0.157602397	1.371557522	1.198500214	519.0386913	467.1348222	0.036868727
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	15	36760.70984	0.018975166	0.034539739	0.307944761	0.080994605	1392.429713	1253.186742	5.69E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	15	44802.03698	0.126819594	0.144375673	1.295371733	1.081960188	519.1271034	467.214393	0.034325643
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	15	9924.939085	3.131119716	3.427327988	18.30485526	1.14023355	205.0272021	184.5244819	3.10E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	15	198442.7742	0.045286153	0.07972986	1.373894574	0.129750387	1088.148651	762.8005468	0.005557336
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	15	220.1462037	0.012099379	0.013774338	0.103270116	0.279216783	381.7328698	264.9626082	0.007330523
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	15	17591.05974	0.02969671	0.053431895	0.419219916	0.121285725	1392.429649	1253.186684	5.47E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	15	2789.652413	0.405419653	0.461543309	0.886953788	6.717209537	1795.33079	1615.797711	0.07519341
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr	15	1142.821508	0.697373925	0.793907128	1.703101286	3.35378834	2683.542122	2415.187909	0.058339735
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	15	4468.286524	0.046591197	0.072257676	0.698750884	0.14514041	1392.429734	1253.186761	5.58E-04
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	15	1186.814489	0.315613977	0.3729759	4.457582411	0.686750904	1392.429516	1253.186564	0.001626052
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	15	2243.483134	0.674406562	0.767760534	1.462154787	6.930812705	1775.357759	1597.821983	0.053847858
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	15	322.7059517	0.354453342	0.403518149	0.768476584	2.140387662	1736.615852	1562.954267	0.03879295
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	15	46.20228217	0.309540534	0.352388335	0.671110286	1.755603733	1736.24627	1562.621643	0.032613266
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	15	159.9486419	0.294173722	0.33489439	0.637786671	1.614338232	1736.237103	1562.613393	0.030456418
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	15	2862.613845	0.335041477	0.381419218	0.72639047	1.987817443	1736.285639	1562.657075	0.036182534
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	15	8519.032139	0.305950455	0.348301304	0.66331935	1.722263441	1736.2471	1562.62239	0.032108144
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	15	11996.23759	0.335370859	0.381794194	0.727110459	1.990635327	1736.288773	1562.659896	0.036227551
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	15	35624.01618	0.306067012	0.348433994	0.663572052	1.723284406	1736.24786	1562.623074	0.032124218
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	15	26.48873169	0.309540534	0.352388335	0.671110286	1.755603733	1736.24627	1562.621643	0.032613266
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	15	91.70189134	0.294173722	0.33489439	0.637786671	1.614338232	1736.237103	1562.613393	0.030456418
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	15	2883.051959	0.25388923	0.289033561	0.550651167	1.348402245	1736.864806	1563.178325	0.02523768
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	15	320.4531415	0.247797653	0.282098765	0.537240508	1.186580948	1736.242241	1562.618017	0.023935637
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	15	11930.05889	0.044460815	0.069876844	0.669725408	0.14020814	1392.429599	1253.186639	5.76E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	15	256.4083948	0.738226838	0.840415061	1.802388895	3.627054347	2683.957665	2415.561898	0.062505682
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	15	7955.849001	0.760552045	0.865830609	1.858666448	3.833669349	2683.519524	2415.167572	0.065395777
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	15	686.6761898	0.760596286	0.865880974	1.858775613	3.834012364	2683.51944	2415.167496	0.065400787
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	15	8950.032742	0.660329293	0.751734635	1.612012942	3.075094238	2683.517214	2415.165493	0.054241223
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	15	2897.318042	0.760552143	0.865830721	1.858666726	3.833668862	2683.519514	2415.167562	0.065395798
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	15	1835.607024	0.915158672	1.041838485	2.239186146	5.004287452	2683.515736	2415.164162	0.082610604
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	15	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POLi	DSL	AllMYr	15	1603.327743	0.915158672	1.041838485	2.239186146	5.004287452	2683.515736	2415.164162	0.082610604
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	15	417.7400492	0.505362947	0.575317247	1.237040965	3.775206553	2692.107171	2422.896454	0.046822074
San Diego (SD)	2035 Annual	T7 Singli	DSL	AllMYr	15	4263.365648	0.612689286	0.697500113	1.494605552	2.71161658	2683.582838	2415.224554	0.048889644
San Diego (SD)	2035 Annual	T7 single	DSL	AllMYr	15	1776.340955	0.6129387	0.697784053	1.4952231	2.713536542	2683.581336	2415.223202	0.048918533
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	15	1218.044246	0.56916139	0.647946918	1.387642232	2.581118147	2685.112223	2416.601001	0.044340519
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	15	11753.48383	0.764016124	0.869774199	1.866963442	3.854599016	2683.587851	2415.229066	0.065711897
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	15	1324.393471	0.765654904	0.871639826	1.870985805	3.866675593	2683.591107	2415.231996	0.065891017
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	15	60.00666916	0.500251881	0.569498686	1.218016248	1.865594156	2683.551313	2415.196182	0.036413746
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	15	506.1472101	1.297343173	1.649061224	65.05806055	3.548083622	1392.429656	1253.186669	5.24E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	15	2613.060631	0.49190326	0.559317599	6.482439482	1.284937261	1392.429536	1253.186582	8.89E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	15	12772.11182	0.679915778	0.774038937	3.239972707	9.872639778	2335.74118	2102.167062	0.275258919
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	15	3561.276877	0.363460686	0.413772324	0.788005057	2.247270103	1736.346124	1562.711512	0.040153397

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	20	2344703.159	0.038285856	0.056125416	0.960194743	0.097833686	498.3752537	296.8081102	0.004050621
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	20	9966.965245	0.009191383	0.010463778	0.090123513	0.246919975	332.2442147	201.8673598	0.005599051
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	20	342239.6246	0.02231483	0.040202339	0.933738835	0.078880277	579.8187673	356.5447576	0.00403957
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	20	424.65346	0.010329048	0.011758934	0.101062183	0.288574342	332.1473154	198.8564412	0.005298718
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	20	877734.251	0.021962958	0.040374721	0.903331915	0.082338393	678.1645155	461.5928985	0.004013132
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	20	363.989129	0.011879834	0.013524401	0.116073008	0.315659188	332.3745088	227.6289253	0.006230922
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	20	508420.4657	0.018069046	0.030099106	0.301841478	0.113895201	1006.068527	905.4616746	5.40E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	20	190211.668	0.112327901	0.127877847	1.012524793	1.0482917	519.0386751	467.1348706	0.029915112
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	20	42476.71941	0.013204965	0.02404133	0.222101547	0.085093309	1006.068519	905.4616668	3.97E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	20	49117.50708	0.102900817	0.117145735	0.956282142	0.946357621	519.1270257	467.2143231	0.027851664
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	20	29745.90911	2.559177659	2.799598957	16.48361342	1.113380078	178.7357879	160.8622091	2.51E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	20	594750.3083	0.031830431	0.055991841	1.255295503	0.11615688	869.1276581	609.2654507	0.003894194
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	20	659.797357	0.009581177	0.010907532	0.094250278	0.259470544	332.2064397	230.6264503	0.005804941
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	20	18246.24956	0.020689817	0.037244688	0.302773272	0.127086705	1006.068623	905.4617611	3.81E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	20	2958.527635	0.191803526	0.218355553	0.546271267	5.227346563	1473.276102	1325.948492	0.056691939
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr	20	2502.24166	0.299815107	0.341316677	0.923459807	2.534972459	2117.047804	1905.343024	0.052393924
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	20	4634.710867	0.032447417	0.050368932	0.504658936	0.152082324	1006.068591	905.4617321	3.89E-04
San Diego (SD)	2035 Annual	PTO	DSL	AllMYr	20	60504.50749	0.263407474	0.299869358	0.810408732	2.049584724	2117.079925	1905.371932	0.043906958
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	20	1610.907651	0.220132701	0.260121401	3.221164052	0.718876982	1006.068514	905.4616623	0.001133891
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	20	3045.16347	0.289940975	0.330075729	0.792813198	5.238678636	1400.580678	1260.52261	0.048359846
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	20	342.2413896	0.152386636	0.173480585	0.416685281	1.61781938	1370.017167	1233.015451	0.034839289
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	20	48.99919932	0.133077715	0.151498848	0.363887059	1.326979123	1369.725604	1232.753044	0.02928942
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	20	169.6313476	0.126471213	0.143977848	0.345822272	1.220203108	1369.718372	1232.746535	0.027352392
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	20	3035.906015	0.144041084	0.16397981	0.393865243	1.502498655	1369.756662	1232.780996	0.032494919
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	20	9034.743181	0.131534267	0.149741751	0.359666664	1.301778749	1369.726259	1232.753633	0.028835778
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	20	12722.44593	0.144182692	0.16414102	0.394252456	1.504628563	1369.759135	1232.783221	0.032535348
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	20	37780.5638	0.131584377	0.149798797	0.359803685	1.302550447	1369.726858	1232.754172	0.028850214
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	20	28.0922626	0.133077715	0.151498848	0.363887059	1.326979123	1369.725604	1232.753044	0.02928942
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	20	97.25318838	0.126471213	0.143977848	0.345822272	1.220203108	1369.718372	1232.746535	0.027352392
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	20	3057.581378	0.109109881	0.124213294	0.29894707	1.018458645	1370.213567	1233.19221	0.022475166
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	20	339.8522025	0.106533206	0.121279945	0.291303882	0.896881294	1369.722425	1232.750183	0.021496189
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	20	12374.3999	0.030964974	0.048709146	0.483695945	0.146914173	1006.068684	905.461816	4.01E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	20	561.4138015	0.317378598	0.361311374	0.97729578	2.741521511	2117.375626	1905.638063	0.05613529
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	20	17419.56786	0.326976654	0.372238031	1.007810735	2.897692171	2117.029977	1905.326979	0.058730835
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	20	1503.497928	0.326995674	0.372259684	1.007869927	2.89795144	2117.02991	1905.326919	0.058735335
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	20	19596.36271	0.283888873	0.323185872	0.874069659	2.324320563	2117.028154	1905.325339	0.04871312
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	20	6343.76397	0.326976696	0.372238079	1.007810886	2.897691803	2117.029968	1905.326972	0.058730855
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	20	4019.116138	0.393445159	0.447907364	1.21413707	3.782507893	2117.026988	1905.324289	0.074191179
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	20	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	20	3510.533749	0.393445159	0.447907364	1.21413707	3.782507893	2117.026988	1905.324289	0.074191179
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	20	914.6542543	0.21640622	0.246362009	0.679524163	2.838711379	2123.804776	1911.424299	0.038431015
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	20	9334.765806	0.263407474	0.299869358	0.810408732	2.049584724	2117.079925	1905.371932	0.043906958
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	20	3889.351318	0.263514702	0.299991429	0.810743581	2.051035934	2117.07874	1905.370866	0.043932903
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	20	2666.944081	0.244626965	0.278489178	0.753087881	1.950131048	2118.286458	1906.457812	0.039605783
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	20	25734.6022	0.328465931	0.37393346	1.012309552	2.913511932	2117.08388	1905.375492	0.059014738
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	20	2899.79887	0.329170476	0.37473553	1.014490567	2.922640054	2117.086448	1905.377804	0.059175602
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	20	131.3863857	0.215068367	0.244838964	0.660435793	1.410115763	2117.055055	1905.34955	0.032702566
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	20	864.9969377	0.901667185	1.147053828	46.8897003	3.736202754	1006.068469	905.4616218	3.65E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	20	3448.329343	0.343017657	0.390027517	4.683739674	1.345469469	1006.068569	905.4617124	6.20E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	20	16854.73458	0.519812882	0.591772437	2.231256664	8.139813807	2335.74127	2102.167143	0.210442434
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	20	3776.863552	0.156259075	0.177889062	0.427274058	1.698606842	1369.804379	1232.823941	0.036061083

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	25	6689045.263	0.028261415	0.041438657	0.880591703	0.089349602	413.1080387	246.0271456	0.002992691
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	25	28434.08151	0.007667658	0.008729118	0.082349683	0.233102855	300.1599677	182.4435954	0.004670826
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	25	976352.2431	0.01654202	0.0297777	0.855188154	0.071924697	480.6259301	295.5488913	0.002986697
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	25	1211.46517	0.008620388	0.009813738	0.093359342	0.272899068	299.8323726	179.5095002	0.004422189
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	25	2504028.5	0.016233533	0.029831995	0.828247298	0.075150756	562.1459323	382.6248944	0.002965268
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	25	1038.399923	0.009907263	0.01127876	0.105136556	0.297561231	300.6005179	205.9894321	0.005195642
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	25	391640.5041	0.01304684	0.021782275	0.229413975	0.120221236	768.0121639	691.2109475	3.92E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	25	203577.2351	0.093169667	0.106067466	0.782271706	0.953149797	519.0386391	467.1347752	0.024812899
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	25	32720.16811	0.009550279	0.017396361	0.168807813	0.089819615	768.0121057	691.2108951	2.88E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	25	52568.83473	0.085350431	0.097165789	0.738818972	0.860467229	519.1270788	467.2143709	0.023101386
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	25	84860.08507	2.200290822	2.405716981	15.3517677	1.099883988	160.5105654	144.4595088	2.14E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	25	1696722.874	0.023580287	0.041453413	1.150247861	0.105796998	720.4425608	505.036312	0.002878428
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	25	1882.291274	0.007994312	0.009100993	0.086523105	0.245128687	300.0321935	208.3203805	0.004843489
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	25	20330.53998	0.015030514	0.027056634	0.231002151	0.132897527	768.0121122	691.210901	2.77E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	25	3081.18915	0.147569613	0.167998187	0.462541305	4.598112708	1321.44724	1189.302516	0.048981428
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr	25	2581.241642	0.261959907	0.298221413	0.871732845	2.272708424	1975.252917	1777.727625	0.050013733
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	25	5164.139305	0.023572389	0.03659078	0.385031669	0.15903603	768.0121511	691.210936	2.83E-04
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	25	2542.926221	0.159953994	0.189034262	2.458423775	0.751604943	768.0120206	691.2108185	8.24E-04
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	25	4806.995178	0.2533325	0.288399768	0.748404315	4.696693655	1306.773076	1176.095768	0.046162918
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	25	356.4308343	0.133146023	0.151576612	0.393344943	1.450442477	1278.256637	1150.430973	0.033256583
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	25	51.03072284	0.116275081	0.132370328	0.343504177	1.18969207	1277.984602	1150.186142	0.027958838
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	25	176.6643211	0.110502728	0.125798944	0.326451277	1.093962924	1277.977855	1150.180069	0.026109806
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	25	3161.775715	0.125854195	0.134735421	0.371803154	1.347052643	1278.013579	1150.212222	0.031018715
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	25	9409.326716	0.114926512	0.130835085	0.339520185	1.167098885	1277.985213	1150.186692	0.027525804
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	25	13249.92288	0.125977923	0.143416276	0.372168677	1.348962193	1278.015887	1150.214298	0.031057307
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	25	39346.95887	0.114970295	0.130884929	0.339649531	1.167790744	1277.985772	1150.187195	0.027539585
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	25	29.2569774	0.116275081	0.132370328	0.343504177	1.18969207	1277.984602	1150.186142	0.027958838
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	25	101.2853388	0.110502728	0.125798944	0.326451277	1.093962924	1277.977855	1150.180069	0.026109806
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	25	3184.349746	0.09529393	0.108484886	0.282000751	0.917442275	1278.439882	1150.595894	0.021404453
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	25	353.9425907	0.09308213	0.105966919	0.274986697	0.804091446	1277.981636	1150.183473	0.020519644
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	25	13787.9417	0.022495393	0.035385023	0.369037873	0.153631576	768.0122276	691.2110049	2.92E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	25	579.1385803	0.277305799	0.315691544	0.922553233	2.457888254	1975.558782	1778.002904	0.053585134
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	25	17969.53294	0.285691987	0.325238581	0.951358914	2.597901757	1975.236284	1777.712655	0.056062766
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	25	1550.965888	0.285708606	0.3252575	0.95141479	2.598134203	1975.236222	1777.7126	0.056067062
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	25	20215.05287	0.248044548	0.282379836	0.825109252	2.083850222	1975.234584	1777.711125	0.046500144
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	25	6544.047277	0.285692025	0.325238623	0.951359056	2.597901428	1975.236276	1777.712649	0.056062785
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	25	4146.0064	0.343768059	0.391353767	1.146128022	3.391175916	1975.233495	1777.710146	0.070820766
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	25	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POLI	DSL	AllMYr	25	3621.367209	0.343768059	0.391353767	1.146128022	3.391175916	1975.233495	1777.710146	0.070820766
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	25	943.5314289	0.188277388	0.214339475	0.636716099	2.632499014	1981.557323	1783.401591	0.035740405
San Diego (SD)	2035 Annual	T7 Singli	DSL	AllMYr	25	9629.480076	0.230149167	0.262007308	0.765014248	1.837538096	1975.282887	1777.754598	0.041912319
San Diego (SD)	2035 Annual	T7 single	DSL	AllMYr	25	4012.144687	0.230242857	0.262113966	0.76533034	1.838839167	1975.281781	1777.753603	0.041937086
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	25	2751.143995	0.21367718	0.243255204	0.710537974	1.753199432	1976.408609	1778.767748	0.037750239
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	25	26547.08691	0.286993226	0.326719942	0.955605733	2.612084832	1975.286577	1777.757919	0.056333772
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	25	2991.350401	0.287608814	0.327420741	0.95766458	2.620268574	1975.288973	1777.760076	0.056487328
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	25	135.5344751	0.187913444	0.213925152	0.623441939	1.264227531	1975.259683	1777.733714	0.031216929
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	25	1128.876181	0.654371841	0.834329866	35.81161964	3.896179534	768.012105	691.2108945	2.66E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	25	5193.431043	0.249331148	0.283501481	3.575471055	1.406001936	768.0120566	691.2108509	4.50E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	25	25384.43905	0.411565837	0.468540335	1.631606271	7.055216647	2335.741352	2102.167216	0.166619406
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	25	3933.453603	0.13652952	0.155428466	0.403340598	1.522871802	1278.058101	1150.252291	0.034422872

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	30	5839810.167	0.022027572	0.032294648	0.810314709	0.082788212	355.5239008	211.7328345	0.002332516
----------------	-------------	-----	-----	--------	----	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	30	24824.12006	0.006733785	0.007665966	0.075734508	0.223762655	281.3822218	171.0755705	0.004101803	
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	30	852395.5281	0.012933299	0.023262674	0.786214374	0.066583576	413.6325621	254.3530587	0.002329114	
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	30	1057.658665	0.007589761	0.008640438	0.08646789	0.262200237	280.9196181	168.186443	0.003893486	
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	30	2186119.385	0.012662642	0.023262554	0.762018197	0.069607609	483.789458	329.2915442	0.002311304	
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	30	906.565677	0.008683988	0.009886142	0.096128781	0.285421499	282.0043666	193.3246305	0.004550573	
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	30	346338.7045	0.009899374	0.016518257	0.1851933	0.125159185	619.4336872	557.4903185	2.97E-04	
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	30	171844.9671	0.007899798	0.089933954	0.632513921	0.894406656	519.0386911	467.134822	0.021038705	
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	30	28935.36648	0.007243419	0.013192636	0.136269259	0.093508848	619.4335904	557.4902313	2.19E-04	
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	30	44374.75258	0.072368108	0.082386277	0.59737974	0.807436146	519.1271105	467.2143995	0.019587524	
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	30	74086.3402	1.987278763	2.172450932	14.77334171	1.096677665	148.5195499	133.6675949	1.92E-04	
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	30	1481308.481	0.01843064	0.032372205	1.057823478	0.097880162	620.0220852	434.6407898	0.002244224	
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	30	1643.317247	0.007028447	0.008001419	0.079817555	0.235395273	281.2018096	195.2654723	0.004258202	
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	30	22986.57049	0.011397899	0.020511733	0.186417611	0.138588562	619.4336448	557.4902803	2.10E-04	
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	30	3704.880382	0.126724145	0.144267009	0.432233745	4.200762668	1240.373975	1116.336577	0.045444595	
San Diego (SD)	2035 Annual	Motor Cr	DSL	AllMYr	30	4357.854561	0.22844092	0.260062598	0.8355334	2.049209552	1854.073547	1668.666192	0.049669432	
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	30	5838.79509	0.017879961	0.027738982	0.310718663	0.165846382	619.4336511	557.4902859	2.14E-04	
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	30	3050.842791	0.121155488	0.143198136	1.982421608	0.784328121	619.43355	557.490195	6.24E-04	
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	30	5767.130388	0.22091743	0.251497677	0.717326192	4.234819302	1226.604133	1103.943719	0.045845126	
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	30	428.5792017	0.11610937	0.13218168	0.377010961	1.307805501	1199.837143	1079.853429	0.033027641	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	30	61.36030991	0.101397144	0.11543293	0.329239875	1.072697372	1199.581797	1079.623617	0.027766365	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	30	212.4245336	0.09636339	0.109702384	0.312895111	0.986382261	1199.575464	1079.617917	0.025930063	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	30	3801.77913	0.109750566	0.124942665	0.356363713	1.214583056	1199.608997	1079.648097	0.030805178	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	30	11313.95307	0.100221131	0.114094128	0.325421322	1.199.582371	1199.582371	1079.624133	0.027336313	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	30	15931.95881	0.109858463	0.125065497	0.356714058	1.216304821	1199.611163	1079.650046	0.030843505	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	30	47311.53031	0.100259311	0.114137594	0.325545296	1.052949829	1199.582895	1079.624606	0.027349999	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	30	35.17914504	0.101397144	0.11543293	0.329239875	1.072697372	1199.581797	1079.623617	0.027766365	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	30	121.7874141	0.09636339	0.109702384	0.312895111	0.986382261	1199.575464	1079.617917	0.025930063	
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	30	3828.922586	0.083068671	0.094567359	0.270094571	0.831496636	1200.009146	1080.008232	0.021209297	
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	30	425.5872904	0.081171839	0.092407959	0.263567641	0.725016837	1199.579013	1079.621112	0.020378384	
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	30	15589.23448	0.01706263	0.026824973	0.297811708	0.160210473	619.4335806	557.4902225	2.21E-04	
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	30	977.7471675	0.241823234	0.275297344	0.884243429	2.216178739	1854.360648	1668.924583	0.053216247	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	30	30337.57468	0.24913637	0.283622793	0.911852929	2.34242327	1854.057934	1668.652141	0.055676823	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	30	2618.462239	0.249150863	0.283639291	0.911906485	2.342632856	1854.057876	1668.652088	0.055681089	
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	30	34128.63752	0.216306096	0.246248024	0.790845891	1.878923727	1854.056338	1668.650704	0.046180031	
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	30	11048.1738	0.249136403	0.28362283	0.911853065	2.342422972	1854.057927	1668.652134	0.055676841	
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	30	6999.613135	0.299781338	0.341278234	1.098534085	3.057686594	1854.055317	1668.649785	0.070333227	
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	30	0	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL	DSL	AllMYr	30	6113.876111	0.299781338	0.341278234	1.098534085	3.057686594	1854.055317	1668.649785	0.070333227	
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	30	1592.94375	0.163535775	0.186173031	0.60565238	2.459571672	1859.991185	1673.992067	0.034585523	
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	30	16257.24341	0.200700512	0.228482256	0.733246338	1.656834014	1854.101678	1668.69151	0.04162379	
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	30	6773.617293	0.200782214	0.228575266	0.733549349	1.658007136	1854.10064	1668.690576	0.041648385	
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	30	4644.697038	0.186285481	0.212071839	0.680675445	1.585530948	1855.158339	1669.642505	0.037436199	
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	30	44818.87395	0.250271109	0.284914607	0.915923395	2.355211576	1854.105142	1668.694628	0.055945962	
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	30	5050.23233	0.25080793	0.285525736	0.917896747	2.362590526	1854.107391	1668.696652	0.056098462	
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	30	228.8199295	0.163869046	0.186552435	0.597552984	1.139902992	1854.079897	1668.671908	0.031002028	
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	30	2061.53981	0.498380241	0.632842877	28.9232878	4.053252835	619.433544	557.4901896	2.01E-04	
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	30	6499.960939	0.18891213	0.214802148	2.88376576	1.466534229	619.4335856	557.4902271	3.41E-04	
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	30	31770.49241	0.337467441	0.384184222	1.266889661	6.428667875	2335.741247	2102.167123	0.136621203	
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	30	4729.659285	0.119059934	0.135540672	0.386591537	1.373112103	1199.650787	1079.685708	0.034185901	

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	35	6707664.628	0.018105598	0.026546774	0.747688631	0.0779856	317.5552633	189.1205649	0.00191782
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	35	28513.22862	0.006226806	0.007088804	0.070032223	0.218442008	273.6931863	166.4206386	0.003792747

San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	35	979069.9715	0.010650951	0.019150256	0.725077723	0.062707481	369.4605817	227.1906634	0.001915659
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	35	1214.837286	0.007049595	0.008025495	0.080318185	0.255995819	273.1752702	163.5499056	0.003616385
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	35	2510998.55	0.010414151	0.019128804	0.703060382	0.065564118	432.1250133	294.1261362	0.001900459
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	35	1041.290408	0.008003214	0.009111126	0.088569782	0.278606923	274.3896503	188.1386718	0.00418807
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	35	129414.2094	0.007738789	0.012959297	0.156768888	0.132326239	527.8464973	475.0618475	2.35E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	35	90689.2631	0.068471826	0.077950618	0.535233022	0.873660443	519.0386733	467.134806	0.018235382
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	35	10812.09566	0.005677173	0.01034833	0.11535397	0.098863502	527.8465167	475.061865	1.73E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	35	23418.28134	0.062725349	0.071408636	0.505502461	0.788707171	519.1270939	467.2143845	0.016977565
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	35	85096.30494	1.887387479	2.062624588	14.74585831	1.104205629	141.6716625	127.5044963	1.82E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	35	1701445.827	0.015173784	0.026643691	0.975747478	0.092168207	553.810045	388.2256666	0.001845609
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	35	1887.530846	0.006511911	0.007413377	0.073947722	0.22980933	273.4911433	189.9197475	0.003945093
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	35	28568.82038	0.008976227	0.016166606	0.158533668	0.144861468	527.8465654	475.0619088	1.66E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	35	4368.542015	0.109099403	0.124202411	0.411132871	3.875328117	1173.093308	1055.783977	0.044188841
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr	35	7839.889322	0.199258145	0.226840231	0.814861471	1.864475844	1753.509693	1578.158724	0.05136102
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	35	7256.736629	0.014074205	0.021863818	0.264242043	0.173353048	527.846575	475.0619175	1.69E-04
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	35	3131.305914	0.095500581	0.112954835	1.687191075	0.819064241	527.8465561	475.0619005	4.93E-04
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	35	5919.233815	0.192695763	0.219369458	0.699578827	3.853055578	1160.073849	1044.066465	0.047406471
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	35	505.351325	0.10127668	0.11529579	0.367683334	1.189908452	1134.758686	1021.282817	0.034152461
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	35	72.35188687	0.088443904	0.100686653	0.321094153	0.97599505	1134.517189	1021.06547	0.028712003
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	35	250.4765025	0.084053201	0.095688171	0.305153774	0.897461119	1134.511199	1021.060079	0.026813162
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	35	4482.798324	0.095730197	0.108981542	0.34754692	1.105089895	1134.542914	1021.088622	0.031854308
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	35	13340.64078	0.087418124	0.09951888	0.317370074	0.957460119	1134.517732	1021.065959	0.028267304
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	35	18785.87777	0.09582431	0.109088683	0.347888597	1.106656445	1134.544962	1021.090466	0.03189394
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	35	55786.52541	0.087451427	0.099556793	0.317490981	0.958027704	1134.518228	1021.066405	0.028281456
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	35	41.48084528	0.088443904	0.100686652	0.321094153	0.97599505	1134.517189	1021.06547	0.028712003
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	35	143.6034013	0.084053201	0.095688171	0.305153774	0.897461119	1134.511199	1021.060079	0.026813162
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	35	4514.804019	0.072434104	0.082460713	0.263228528	0.760621726	1134.921359	1021.429224	0.021889696
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	35	501.8234675	0.070802333	0.080603066	0.257046715	0.659657465	1134.514556	1021.063101	0.021072409
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	35	19375.05182	0.013431572	0.02114329	0.253265699	0.16746206	527.8465849	475.0619264	1.75E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	35	1758.991603	0.210930902	0.240128775	0.862366366	2.016392965	1753.781222	1578.4031	0.055028629
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	35	54578.05544	0.217309802	0.247390668	0.88929278	2.131256708	1753.494927	1578.145435	0.057573005
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	35	4710.679043	0.217322443	0.247405059	0.88934501	2.131447401	1753.494873	1578.145385	0.057577416
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	35	61398.27229	0.188673516	0.214790436	0.771279576	1.709541076	1753.493418	1578.144076	0.047752781
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	35	19875.94092	0.217309831	0.2473907	0.889292912	2.131256437	1753.494921	1578.145429	0.057573024
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	35	12592.47905	0.261484998	0.297680766	1.071355258	2.782039928	1753.492452	1578.143207	0.072728561
San Diego (SD)	2035 Annual	T7 POAID	DSL	AllMYr	35	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	35	10999.016	0.261484998	0.297680766	1.071355258	2.782039928	1753.492452	1578.143207	0.072728561
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	35	2865.745638	0.14218138	0.161862678	0.586333007	2.319929354	1759.106363	1583.195727	0.034966369
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	35	29247.18741	0.175061508	0.199294201	0.715105137	1.507472476	1753.536299	1578.182669	0.043041368
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	35	12185.90688	0.175132772	0.19937533	0.715400608	1.508539843	1753.535317	1578.181786	0.043066802
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	35	8355.926112	0.162451868	0.184939086	0.663500294	1.447125595	1754.535647	1579.082082	0.038663661
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	35	80630.27492	0.218299581	0.248517456	0.893262538	2.142892164	1753.539575	1578.185617	0.057851311
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	35	9085.494242	0.218767824	0.249050515	0.895187067	2.149605911	1753.541702	1578.187532	0.058009003
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	35	411.6527747	0.142935172	0.162720813	0.582768928	1.037142147	1753.515699	1578.16413	0.032057862
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	35	3666.724905	0.392717964	0.500057762	24.6533147	4.217258153	527.8465528	475.0618976	1.59E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	35	6369.93243	0.149199128	0.169646581	2.45738325	1.527066616	527.8465362	475.0618826	2.69E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	35	31134.93916	0.286566037	0.326236394	1.044527873	6.158094089	2335.741273	2102.167145	0.116014158
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	35	5576.891219	0.103850316	0.118225679	0.377026878	1.249327745	1134.582437	1021.124193	0.035350168

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	40	4062306.231	0.01569681	0.023016186	0.691693283	0.074656824	294.3685846	175.3117186	0.001663451
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	40	17268.2267	0.006065153	0.006904774	0.06507603	0.216853091	276.2122576	167.9456809	0.003693974
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	40	592945.8831	0.009239355	0.016610711	0.670693476	0.060057826	342.4871995	210.6041369	0.001661742

San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	40	735.731634	0.006907724	0.007863984	0.074799867	0.253966749	275.7124887	165.0689372	0.003543606	
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	40	1520714.909	0.009030443	0.016586504	0.650398292	0.062776831	400.5761989	272.6524479	0.001648414	
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	40	630.62791	0.007759955	0.008834193	0.082150633	0.276733851	276.8843835	189.8376955	0.004053159	
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	40	38200.1248	0.006218755	0.010532439	0.139311271	0.141339191	475.2331339	427.7098205	1.93E-04	
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	40	49785.44337	0.060668363	0.069066894	0.473997529	0.883228172	519.0386876	467.1348189	0.016157167	
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	40	3191.484295	0.004599701	0.008405636	0.102508279	0.10559725	475.2331273	427.7098146	1.42E-04	
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	40	12855.87159	0.055576787	0.063270475	0.447668446	0.797344564	519.1270369	467.2143332	0.015042698	
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	40	51536.15498	1.883790857	2.058247303	15.31573436	1.12147318	139.4311108	125.4879997	1.81E-04	
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	40	1030432.29	0.013161333	0.023108976	0.902607074	0.088300834	513.3782697	359.8827528	0.001600918	
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	40	1143.129314	0.006359479	0.007239844	0.06878024	0.228075011	276.0173304	191.6711263	0.00385253	
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	40	35565.23729	0.007363443	0.013279136	0.142411854	0.151279872	475.233184	427.7098656	1.37E-04	
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	40	5422.865126	0.094695382	0.107804393	0.399238695	3.621243845	1119.605051	1007.644546	0.045210079	
San Diego (SD)	2035 Annual	Motor Cr	DSL	AllMYr	40	7398.578091	0.174411584	0.198554312	0.80971706	1.7185073	1673.561357	1506.205221	0.055088499	
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	40	9033.888597	0.011530498	0.017960775	0.237370412	0.181033849	475.2332198	427.7098979	1.39E-04	
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	40	2113.797306	0.078517365	0.092911719	1.517733258	0.853188217	475.2331273	427.7098145	4.06E-04	
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	40	3995.795752	0.168667501	0.19201511	0.695162222	3.551402481	1107.182226	996.4640032	0.050846952	
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	40	627.3150008	0.08864795	0.100918943	0.365362063	1.09675133	1083.021264	974.7191379	0.036631044	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	40	89.81360435	0.077415362	0.088131497	0.31906701	0.899585044	1082.790779	974.5117009	0.03079575	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	40	310.9275856	0.073572158	0.083756302	0.303227267	0.8271995	1082.785062	974.5065557	0.028759102	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	40	5564.696271	0.083793088	0.095392052	0.345352775	1.01857316	1082.81533	974.5337973	0.034166105	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	40	16560.32876	0.076517492	0.08710934	0.315366442	0.882501219	1082.791296	974.5121668	0.030318778	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	40	23319.7428	0.083875466	0.095485833	0.345692294	1.020017066	1082.817285	974.5355568	0.034208613	
San Diego (SD)	2035 Annual	T6 instal	DSL	AllMYr	40	69250.28688	0.076546642	0.087142525	0.315486586	0.8830024368	1082.791777	974.5125929	0.030333956	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	40	51.49201199	0.077415362	0.088131497	0.31906701	0.899585044	1082.790779	974.5117009	0.03079575	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	40	178.2612676	0.073572158	0.083756302	0.303227267	0.8271995	1082.785062	974.5065557	0.028759102	
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	40	5604.426359	0.063390228	0.072164949	0.261402622	0.704817546	1083.176521	974.8588693	0.023445652	
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	40	622.9357148	0.061973612	0.07055224	0.255423919	0.608013332	1082.788266	974.5094393	0.02260172	
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	40	24119.94347	0.011005303	0.017368682	0.227510271	0.174881831	475.2331886	427.7098697	1.44E-04	
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	40	1659.977099	0.184628802	0.210185837	0.856922045	1.858530933	1673.820505	1506.438455	0.059022281	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	40	51505.82982	0.190212284	0.216542206	0.883678466	1.964402072	1673.547264	1506.192538	0.061751312	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	40	4445.5126	0.190223349	0.216554802	0.883730367	1.964577835	1673.547212	1506.19249	0.061756044	
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	40	57942.1333	0.165146808	0.18800707	0.766410307	1.575702269	1673.545823	1506.191241	0.051218395	
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	40	18757.11442	0.190212308	0.216542234	0.883678598	1.964401823	1673.547257	1506.192532	0.061751333	
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	40	11883.64221	0.228879039	0.260561363	1.064591541	2.564235917	1673.544901	1506.190411	0.078006769	
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	40	0	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	40	10379.87597	0.228879039	0.260561363	1.064591541	2.564235917	1673.544901	1506.190411	0.078006769	
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	40	2704.431404	0.124214203	0.141408415	0.578757979	2.213572059	1678.902855	1511.01257	0.036882942	
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	40	27600.84882	0.153232154	0.174443144	0.710590511	1.389453482	1673.586749	1506.228074	0.046165056	
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	40	11499.95618	0.153294532	0.174514156	0.710884116	1.390437286	1673.585812	1506.227231	0.046192335	
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	40	7885.566916	0.142176342	0.161856943	0.659012521	1.337983373	1674.540533	1507.08648	0.041432627	
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	40	76091.55703	0.191078642	0.217528489	0.887623162	1.975126596	1673.589876	1506.230888	0.062049816	
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	40	8574.067296	0.191488497	0.217995077	0.889535542	1.981314729	1673.591906	1506.232715	0.062218953	
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	40	388.4806373	0.125111823	0.142430287	0.579089772	0.955944995	1673.567089	1506.21038	0.034384432	
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	40	3196.37094	0.322388797	0.411761876	22.19542052	4.38559198	475.2332243	427.7099018	1.31E-04	
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	40	4592.139952	0.122827632	0.1396609	2.21244248	1.587599136	475.2331824	427.7098642	2.22E-04	
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	40	22445.45065	0.252010046	0.28689668	0.914447646	6.201352347	2335.741221	2102.167099	0.10202441	
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	40	6922.84228	0.090900666	0.103483488	0.374646619	1.151518727	1082.853052	974.5677465	0.037915674	

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	45	2980490.841	0.014370436	0.021068705	0.642229988	0.072477215	283.351908	168.7507012	0.001522058
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	45	12669.5998	0.006225796	0.007087655	0.060749191	0.218886095	289.2261902	175.8243	0.003791436
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	45	435041.0093	0.008451699	0.015195928	0.622870966	0.058369898	329.6668	202.7204663	0.001520283
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	45	539.802137	0.007140695	0.008129206	0.069849022	0.255971046	288.8200003	172.9163982	0.003663119

San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	45	1115739.91	0.0082648	0.015180921	0.603908411	0.060971003	385.5817271	262.4464243	0.001508272
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	45	462.688099	0.007922345	0.009019063	0.076667998	0.279674283	289.7724887	198.6150652	0.004128681
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	45	47027.71461	0.00536131	0.009068309	0.132952303	0.145373557	452.0558035	406.8502231	1.66E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	45	53734.86473	0.054949932	0.062556841	0.439308569	0.921183925	519.0386453	467.1347808	0.014634238
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	45	3928.997867	0.003961702	0.007237632	0.097829207	0.108611403	452.0557942	406.8502148	1.22E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	45	13875.71383	0.05033827	0.057306772	0.41490631	0.831609516	519.1270621	467.2143559	0.013624815
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	45	37811.78462	1.973243477	2.156010223	16.59291143	1.146330742	141.7369817	127.5632835	1.89E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	45	756022.2986	0.012041573	0.021142535	0.838177122	0.085885858	494.1604031	346.4107566	0.001464712
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	45	838.707493	0.006548124	0.007454604	0.064216046	0.230071755	289.0677559	200.7188509	0.003966548
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	45	32433.06647	0.006337993	0.011413037	0.135681078	0.156458976	452.0558464	406.8502617	1.17E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	45	4440.607313	0.083512089	0.095072959	0.396551207	3.433104731	1079.909429	971.9184862	0.048509677
San Diego (SD)	2035 Annual	Motor Cr	DSL	AllMYr	45	10358.48879	0.153901236	0.175204842	0.820100165	1.61130392	1614.228537	1452.805683	0.060851867
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	45	8238.289466	0.009939345	0.015434833	0.226151631	0.187231578	452.0558466	406.8502619	1.19E-04
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	45	1014.149057	0.067333614	0.079696709	1.443097867	0.88658318	452.0557926	406.8502134	3.48E-04
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	45	1917.086617	0.148832642	0.169434633	0.704076377	3.329860012	1067.929262	961.1363356	0.056166568
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	45	513.6878046	0.078223182	0.089051138	0.370047148	1.028334135	1044.624488	940.1623916	0.04046339
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	45	73.54543282	0.068311517	0.077767462	0.323158447	0.843467414	1044.402565	939.9623088	0.034017607
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	45	254.6084641	0.064920264	0.073906779	0.307115589	0.775597402	1044.397051	939.9573461	0.031767884
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	45	4556.748376	0.073939239	0.084174195	0.349781278	0.955032851	1044.426246	939.9836218	0.037740569
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	45	13560.71338	0.067519234	0.076865508	0.319410427	0.827449306	1044.403065	939.9627582	0.033490733
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	45	19095.7772	0.074011929	0.084256649	0.350125151	0.956386683	1044.428132	939.9853189	0.037787524
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	45	56706.80248	0.067544956	0.076894791	0.319532111	0.82793982	1044.403521	939.9631692	0.0335075
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	45	42.16513006	0.068311517	0.077767462	0.323158447	0.843467414	1044.402565	939.9623088	0.034017607
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	45	145.972341	0.064920264	0.073906779	0.307115589	0.775597402	1044.397051	939.9573461	0.031767884
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	45	4589.28205	0.055937043	0.063680066	0.264616855	0.664084095	1044.774632	940.297169	0.025877164
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	45	510.1017501	0.054685677	0.062255448	0.258699253	0.570084436	1044.400142	939.9601274	0.024966315
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	45	21995.73689	0.009485364	0.014926197	0.216757548	0.180868981	452.0559134	406.850322	1.23E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	45	2324.075513	0.162916936	0.18546853	0.867910466	1.742592643	1614.478498	1453.030648	0.065197202
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	45	72111.49959	0.167843814	0.191077406	0.895009988	1.841859362	1614.214943	1452.793449	0.068211746
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	45	6224.005731	0.167853578	0.191088521	0.895062554	1.842024161	1614.214893	1452.793404	0.068216972
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	45	81122.74156	0.145725974	0.165897928	0.776238085	1.477407308	1614.213554	1452.792199	0.056576872
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	45	26261.17574	0.167843836	0.191077431	0.895010122	1.841859128	1614.214937	1452.793443	0.068211768
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	45	16637.86921	0.20196346	0.229920025	1.078242934	2.404274562	1614.212665	1452.791398	0.086167851
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	45	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POLI	DSL	AllMYr	45	14532.49903	0.20196346	0.229920025	1.078242934	2.404274562	1614.212665	1452.791398	0.086167851
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	45	3786.379227	0.109634245	0.124810242	0.582927296	2.140499788	1619.380663	1457.442597	0.040335244
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	45	38642.97702	0.135212452	0.153929084	0.719702754	1.302777034	1614.253028	1452.827726	0.050994852
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	45	16100.68391	0.135267494	0.153991746	0.719999874	1.303699466	1614.252125	1452.826913	0.051024985
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	45	11040.30471	0.125458903	0.142825411	0.667212126	1.258104283	1615.172998	1453.655699	0.045743096
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	45	106533.111	0.168608291	0.191947705	0.899005268	1.851914872	1614.256044	1452.83044	0.068541478
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	45	12004.24986	0.168969948	0.192359424	0.90094217	1.857716979	1614.258003	1452.832202	0.068728311
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	45	543.8980677	0.110398998	0.125680856	0.586515514	0.896311536	1614.234066	1452.810659	0.037981737
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	45	3382.102157	0.274436329	0.352327014	21.04582919	4.583586233	452.0557959	406.8502163	1.12E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	45	2001.852756	0.105402039	0.119847176	2.104540566	1.648131262	452.0558502	406.8502652	1.90E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	45	9784.65118	0.229515123	0.261287716	0.850071245	6.56509718	2335.741234	2102.167111	0.092917512
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	45	5668.88987	0.080210984	0.0913141	0.37945076	1.079685049	1044.462631	940.0163675	0.041882418

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	50	1950172.565	0.013851275	0.02030911	0.596896479	0.07175887	282.8231074	168.4358236	0.001469168
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	50	8289.878151	0.006738292	0.007671098	0.056969003	0.224769818	314.2437793	190.9699181	0.004103098
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	50	284652.8131	0.008129518	0.014624629	0.579298674	0.057900418	329.0602187	202.3477049	0.001466913
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	50	353.199336	0.00778719	0.008865198	0.065402206	0.262229868	314.0174673	188.0021097	0.003994766
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	50	730042.6348	0.007962149	0.014628093	0.561367735	0.060412139	384.8711075	261.9628231	0.001455792

San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	50	302.742633	0.008523873	0.009703862	0.071988692	0.287763231	314.5481531	215.4883884	0.004431194
San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	50	347246.0776	0.004901753	0.00821486	0.135332506	0.146651518	454.3217965	408.8896168	1.48E-04
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	50	207487.3379	0.050877585	0.057920746	0.426111927	0.995561343	519.0386902	467.1348211	0.013549693
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	50	29011.1748	0.003597959	0.006559516	0.099580606	0.109566182	454.3217562	408.8895806	1.09E-04
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	50	53578.52363	0.0466077	0.053059765	0.402442737	0.898754701	519.1270787	467.2143708	0.012615079
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	50	24740.72585	2.175346186	2.376563391	18.95979305	1.183927241	149.0086708	134.1078037	2.08E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	50	494674.8778	0.0111584807	0.020352637	0.779371598	0.085304877	493.2526865	345.7747434	0.001413488
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	50	548.7768537	0.007110864	0.008095246	0.060180296	0.236022604	314.1555032	218.1119251	0.004307124
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	50	31564.03868	0.005646582	0.010185942	0.136053583	0.163219078	454.3218173	408.8896356	1.05E-04
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	50	4969.76152	0.075549516	0.0860081	0.403070349	3.324715309	1054.006369	948.6057323	0.054087632
San Diego (SD)	2035 Annual	Motor Ct	DSL	AllMYr	50	10772.57377	0.137727101	0.15679182	0.846010788	1.542865704	1575.511233	1417.96011	0.068651125
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	50	8017.548527	0.008838787	0.013777478	0.226772508	0.195321264	454.321809	408.8896281	1.07E-04
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	50	507.9166217	0.060371247	0.071395235	1.452535811	0.915948776	454.3217474	408.8895726	3.12E-04
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	50	960.1352104	0.133191186	0.151628027	0.72632129	3.188428172	1042.314957	938.0834615	0.063365322
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	50	574.9001907	0.070002375	0.079692375	0.381738588	0.984656866	1019.569531	917.612578	0.0456495
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	50	82.30929949	0.061132369	0.069594549	0.333368464	0.807642139	1019.352549	917.4172942	0.038377573
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	50	284.9482764	0.058097518	0.066139601	0.31681874	0.742654825	1019.347167	917.4124505	0.035839508
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	50	5099.742464	0.06616865	0.075327971	0.360832429	0.914468967	1019.375662	917.438096	0.0425777
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	50	15176.64355	0.06042335	0.068787385	0.329502027	0.792304382	1019.353036	917.4177328	0.037783171
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	50	21371.28009	0.066233701	0.075402027	0.361187166	0.915765297	1019.377503	917.4397524	0.042630673
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	50	63464.13378	0.06044637	0.068813591	0.329627556	0.792774062	1019.353482	917.4181339	0.037802087
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	50	47.18963755	0.061132369	0.069594549	0.333368464	0.807642139	1019.352549	917.4172942	0.038377573
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	50	163.366788	0.058097518	0.066139601	0.31681874	0.742654825	1019.347167	917.4124505	0.035839508
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	50	5136.152935	0.05007455	0.057006064	0.272871225	0.638421375	1019.715692	917.7441228	0.029184231
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	50	570.8868125	0.048938526	0.055712787	0.266872716	0.545870778	1019.350183	917.4151651	0.028166196
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	50	21406.37429	0.008436454	0.013323254	0.217352616	0.188683743	454.3218386	408.8896547	1.10E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	50	2416.981416	0.145795302	0.165976853	0.895331629	1.668578095	1575.755199	1418.179679	0.073553393
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	50	74994.18731	0.150204394	0.170996269	0.923287346	1.763628578	1575.497966	1417.948169	0.076954304
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	50	6472.812995	0.150213132	0.171006216	0.923341573	1.763786377	1575.497917	1417.948125	0.0769602
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	50	84365.6575	0.130411011	0.148463009	0.800762908	1.414656191	1575.49661	1417.946949	0.063828213
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	50	27310.97736	0.150204414	0.170996291	0.923287484	1.763628354	1575.49796	1417.948164	0.07695433
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	50	17302.97507	0.180738261	0.205756752	1.112309438	2.302155861	1575.495742	1417.946168	0.097211806
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	50	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL	DSL	AllMYr	50	15113.44183	0.180738261	0.205756752	1.112309438	2.302155861	1575.495742	1417.946168	0.097211806
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	50	3937.741339	0.098441504	0.112068159	0.598840959	2.10071254	1580.539786	1422.485807	0.045323273
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	50	40187.74639	0.1210024	0.137752022	0.742441116	1.24744313	1575.535138	1417.981624	0.057530757
San Diego (SD)	2035 Annual	T7 singlt	DSL	AllMYr	50	16744.31557	0.121051658	0.137808098	0.742747882	1.248326383	1575.534256	1417.98083	0.057564752
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	50	11481.64556	0.11229955	0.127844489	0.688099109	1.207488325	1576.433042	1418.789738	0.051595068
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	50	110791.8172	0.150888529	0.171775104	0.927408854	1.773256992	1575.538081	1417.984273	0.077326298
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	50	12484.12483	0.151212178	0.172143554	0.929406952	1.778812661	1575.539992	1417.985993	0.077537076
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	50	565.6406232	0.098796698	0.11247252	0.605046155	0.85824177	1575.516629	1417.964967	0.042849777
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	50	3538.636693	0.243785688	0.315289022	21.14798392	4.751722135	454.3217885	408.8896096	1.00E-04
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	50	1017.088211	0.094281202	0.107202255	2.115089625	1.708663775	454.3217887	408.8896098	1.70E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	50	4971.320894	0.216473681	0.246440897	0.839091963	7.306522824	2335.741121	2102.167089	0.087637786
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	50	6344.409654	0.071781271	0.081717513	0.391439302	1.033826711	1019.411174	917.4700563	0.047250401
San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	55	1690896.5	0.014177259	0.020766438	0.559260703	0.071234452	293.8435582	174.9989083	0.001496002
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	55	7187.736527	0.007693505	0.008758543	0.053678411	0.234480798	354.2913415	215.2146635	0.004684236
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	55	246808.1508	0.008291246	0.014915553	0.543249318	0.057629398	341.8538774	210.2140737	0.001492844
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	55	306.241359	0.008958924	0.010199139	0.061404068	0.272629044	354.3530149	212.1509829	0.004595855
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	55	632983.2771	0.008135967	0.014948832	0.526016345	0.060032386	399.8385422	272.1501495	0.001482273
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	55	262.4929	0.009673695	0.011012859	0.068031376	0.301050492	354.2084842	242.4988283	0.005016183

San Diego (SD)	2035 Annual	LHD1	GAS	AllMYr	55	95509.06358	0.004450096	0.007537244	0.14140233	0.157551317	482.4155221	434.1739699	1.38E-04	
San Diego (SD)	2035 Annual	LHD1	DSL	AllMYr	55	124950.7492	0.048154883	0.054821129	0.432551772	1.121178709	519.0386845	467.1348161	0.012824584	
San Diego (SD)	2035 Annual	LHD2	GAS	AllMYr	55	7979.442057	0.00329161	0.006015244	0.104046919	0.11770965	482.4154933	434.173944	1.02E-04	
San Diego (SD)	2035 Annual	LHD2	DSL	AllMYr	55	32265.47227	0.044113498	0.050220283	0.408524841	1.012157147	519.1270807	467.2143726	0.011939986	
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	55	21451.4394	2.500556419	2.734955094	22.52387103	1.21935823	162.2408045	146.0167241	2.40E-04	
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	55	428907.6806	0.011828682	0.020764613	0.730601716	0.085062137	512.4253627	359.2139715	0.001438786	
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	55	475.81679	0.008146298	0.009274019	0.056616736	0.245870357	354.3154072	245.9543673	0.004933944	
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	55	41282.88779	0.005208647	0.009449085	0.143716355	0.170731177	482.415536	434.1739824	9.77E-05	
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	55	7282.735719	0.070807661	0.080609812	0.418796176	3.287253378	1041.895704	937.706134	0.061943943	
San Diego (SD)	2035 Annual	Motor Ct	DSL	AllMYr	55	13136.49433	0.125889178	0.143315246	0.887448927	1.513192652	1557.409446	1401.668502	0.078486273	
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	55	10486.22348	0.008100704	0.012787714	0.239544723	0.204311569	482.415537	434.1739833	9.97E-05	
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	55	756.0014461	0.0556685	0.066099085	1.531365624	0.963939514	482.4154326	434.1738893	2.91E-04	
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	55	1429.099904	0.121743135	0.138595292	0.761896962	3.127106959	1030.339312	927.3053811	0.072443211	
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	55	842.4641327	0.06398553	0.072842655	0.400436383	0.965719525	1007.855219	907.0696971	0.052189372	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	55	120.6168196	0.055877919	0.063612757	0.34969706	0.792109221	1007.64073	906.876657	0.043875649	
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	55	417.5658774	0.053103919	0.060454769	0.332336721	0.728371177	1007.63541	906.871869	0.040973974	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	55	7473.210448	0.060481321	0.06885338	0.378506227	0.896881509	1007.663578	906.8972199	0.048677497	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	55	22239.99583	0.055229841	0.06287497	0.345641243	0.777066446	1007.641212	906.8770906	0.043196092	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	55	31317.67433	0.060540781	0.06892107	0.37887834	0.898152908	1007.665397	906.8988572	0.04873806	
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	55	93000.93702	0.055250882	0.062898924	0.34577292	0.777527093	1007.641652	906.8774871	0.043217718	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	55	69.15213756	0.055877919	0.063612757	0.34969706	0.792109221	1007.64073	906.876657	0.043875649	
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	55	239.3992238	0.053103919	0.060454769	0.332336721	0.728371177	1007.63541	906.871869	0.040973974	
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	55	7526.566694	0.045802749	0.052142943	0.286165732	0.627829385	1007.999701	907.1997306	0.033366854	
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	55	836.5828907	0.044732161	0.050924161	0.279944309	0.535372358	1007.638392	906.8745525	0.032201363	
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	55	27997.58984	0.007736313	0.012365486	0.229594273	0.197368514	482.4155247	434.1739723	1.03E-04	
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	55	2947.360897	0.133263901	0.151710808	0.939185534	1.636487288	1557.650609	1401.885548	0.084090853	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	55	91450.82113	0.137294023	0.156298794	0.968510539	1.72970972	1557.396332	1401.656699	0.087978988	
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	55	7893.199255	0.13730201	0.156307886	0.968567423	1.729864484	1557.396283	1401.656655	0.087985729	
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	55	102878.7554	0.119201922	0.135702314	0.839984778	1.387448919	1557.394991	1401.655492	0.072972418	
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	55	33304.06522	0.137294041	0.156298815	0.968510684	1.7297095	1557.396326	1401.656693	0.087979017	
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	55	21099.91901	0.165203442	0.188071544	1.166791053	2.257879816	1557.394133	1401.65472	0.111138635	
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	55	0	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	55	18429.91724	0.165203442	0.188071544	1.166791053	2.257879816	1557.394133	1401.65472	0.111138635	
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	55	4801.834539	0.090635983	0.103182167	0.626498967	2.094210316	1562.380223	1406.142201	0.05184703	
San Diego (SD)	2035 Annual	T7 Singli	DSL	AllMYr	55	49006.49688	0.110602	0.125911958	0.778806348	1.223451771	1557.433076	1401.689769	0.065772771	
San Diego (SD)	2035 Annual	T7 singlt	DSL	AllMYr	55	20418.66794	0.110647024	0.125963214	0.779128139	1.224318037	1557.432205	1401.688984	0.065811636	
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	55	14001.16398	0.102698284	0.116914179	0.72167347	1.186135497	1558.320664	1402.488598	0.058988544	
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	55	135103.8396	0.137919355	0.157010687	0.972833922	1.739152957	1557.435986	1401.692387	0.088404275	
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	55	15223.62609	0.138215186	0.157347468	0.974929887	1.744601776	1557.437875	1401.694088	0.08864525	
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	55	689.7641179	0.090304922	0.10280528	0.634681695	0.841735698	1557.414781	1401.673303	0.048988554	
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	55	5194.456466	0.228409849	0.294592464	22.506034	4.895520549	482.41552	434.173968	9.36E-05	
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	55	1260.98374	0.087907209	0.099954715	2.245879586	1.769196177	482.4155087	434.1739578	1.59E-04	
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	55	6163.432962	0.211445874	0.240717078	0.879470798	8.548599989	2335.741259	2102.167133	0.085602309	
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	55	9297.157425	0.065611525	0.074693727	0.410612245	1.013943715	1007.698681	906.9288129	0.054019623	
San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	60	1926917.21	0.015208905	0.022280671	0.52303153	0.072906413	316.0295503	188.2118398	0.001607	
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	60	8191.023417	0.009270536	0.010553889	0.050842445	0.249252645	414.5301537	251.6831671	0.005643832	
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	60	281258.3923	0.008856273	0.015950273	0.508831151	0.059199677	367.670948	226.0897733	0.0016024	
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	60	348.987514	0.010873408	0.012378651	0.057806199	0.288458751	415.0249313	248.4752311	0.00557797	
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	60	721337.0443	0.008718533	0.016026288	0.49209192	0.061531675	430.0338317	292.7026349	0.0015921	
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	60	299.132492	0.01158929	0.013193635	0.064759377	0.32125223	413.8647613	283.1273917	0.005994725	
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	60	24445.69939	3.042581169	3.3267819	28.81996631	1.279076485	183.2156188	164.8940569	2.91E-04	

San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	60	488775.9806	0.012640294	0.022216208	0.683956064	0.087599047	551.1250802	386.3429746	0.001544811
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	60	542.2328064	0.009847684	0.011210933	0.053485147	0.260854361	414.7231432	287.8344208	0.005964012
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	60	47638.57079	0.00502626	0.009161577	0.160817956	0.177107631	541.2091677	487.0882509	9.50E-05
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	60	8751.427242	0.069286529	0.078878103	0.443728692	3.316924635	1043.577627	939.2198647	0.07207861
San Diego (SD)	2035 Annual	Motor C	DSL	AllMYr	60	4001.835106	0.118387469	0.134775121	0.944414583	1.522284764	1559.923176	1403.930859	0.090357311
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	60	12100.62379	0.007776921	0.012403889	0.26804949	0.211941446	541.2091936	487.0882743	9.69E-05
San Diego (SD)	2035 Annual	SBUS	GAS	AllMYr	60	420.7502839	0.054243188	0.064346756	1.72083361	0.993224505	541.2091227	487.0882104	2.82E-04
San Diego (SD)	2035 Annual	SBUS	DSL	AllMYr	60	795.3612108	0.114488487	0.130336428	0.810803394	3.145896375	1032.002327	928.8020943	0.083400236
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	60	1012.361837	0.060172645	0.068501976	0.426140535	0.97152211	1009.481943	908.533749	0.060083007
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	60	144.9413219	0.052548165	0.059822086	0.372144237	0.796868658	1009.267108	908.3403973	0.050511835
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	60	501.7753779	0.049939467	0.056852282	0.353669531	0.732748237	1009.26178	908.3356016	0.047171282
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	60	8980.314722	0.056877252	0.064750422	0.402802674	0.902270477	1009.289993	908.3609934	0.056039962
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	60	26725.082	0.051938707	0.059128264	0.367828075	0.781735497	1009.267591	908.3408316	0.049729495
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	60	37633.43396	0.056933168	0.064814078	0.403198673	0.903549515	1009.291815	908.3626334	0.056109685
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	60	111756.211	0.051958494	0.05915079	0.367968205	0.782198912	1009.268032	908.3412288	0.049754391
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	60	83.09788187	0.052548165	0.059822086	0.372144237	0.796868658	1009.267108	908.3403973	0.050511835
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	60	287.6782861	0.049939467	0.056852282	0.353669531	0.732748237	1009.26178	908.3356016	0.047171282
San Diego (SD)	2035 Annual	T6 Publii	DSL	AllMYr	60	9044.431193	0.043121639	0.049090704	0.304500377	0.632308124	1009.626658	908.6639923	0.038425034
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	60	1005.294539	0.042066581	0.047889601	0.297914032	0.538589176	1009.264766	908.3382894	0.037071814
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	60	32307.94022	0.007430511	0.011993842	0.256914997	0.204739132	541.209238	487.0883142	1.00E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	60	897.8690971	0.125322734	0.142670393	0.999472181	1.646320223	1560.164728	1404.148255	0.096809583
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	60	27859.11501	0.129112702	0.146984982	1.030679569	1.740102787	1559.91004	1403.919036	0.101285798
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	60	2404.544247	0.129120212	0.146993533	1.030740104	1.740258482	1559.909992	1403.918992	0.101293558
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	60	31340.46303	0.112098704	0.127615842	0.893903694	1.395785491	1559.908698	1403.917828	0.084009486
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	60	10145.58177	0.129112718	0.146985002	1.030679723	1.740102567	1559.910034	1403.919031	0.101285831
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	60	6427.77247	0.155359004	0.1768644	1.241687777	2.271446427	1559.907838	1403.917054	0.127948338
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	60	0	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	60	5614.396652	0.155359004	0.1768644	1.241687777	2.271446427	1559.907838	1403.917054	0.127948338
San Diego (SD)	2035 Annual	T7 Publii	DSL	AllMYr	60	1462.806556	0.086217679	0.098152265	0.665901321	2.120993116	1564.901976	1408.411779	0.059906516
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	60	14929.09102	0.10401125	0.118408891	0.828798199	1.230802956	1559.946844	1403.95216	0.075720893
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	60	6220.239593	0.104053591	0.118457093	0.829140646	1.231674427	1559.945971	1403.951374	0.075765636
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	60	4265.24369	0.096655104	0.110034479	0.767935209	1.194045801	1560.835865	1404.752278	0.067923522
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	60	41157.34949	0.12970077	0.147654454	1.035280471	1.749602765	1559.949759	1403.954783	0.101775409
San Diego (SD)	2035 Annual	T7 tractc	DSL	AllMYr	60	4637.648354	0.129978972	0.147971166	1.037510977	1.755084324	1559.951651	1403.956486	0.102052832
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	60	210.1262477	0.084923671	0.096679135	0.675422135	0.846793319	1559.928519	1403.935667	0.056398066
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	60	1282.000741	0.216330048	0.285005025	25.0964644	5.118698123	541.2092116	487.0882904	9.10E-05
San Diego (SD)	2035 Annual	UBUS	GAS	AllMYr	60	2063.928681	0.085437218	0.097146217	2.519592951	1.829728655	541.2092057	487.0882851	1.54E-04
San Diego (SD)	2035 Annual	UBUS	DSL	AllMYr	60	10088.06506	0.213891541	0.243501289	0.978793141	10.51462939	2335.74145	2102.167305	0.086592412
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	60	11172.09267	0.061701749	0.070242744	0.436969588	1.020036058	1009.325153	908.3926374	0.062190083

San Diego (SD)	2035 Annual	LDA	GAS	AllMYr	65	20,565,369.59	0.017132493	0.025136923	0.489030745	0.076434517	352.1952397	209.7505541	0.001821065
San Diego (SD)	2035 Annual	LDA	DSL	AllMYr	65	87,420.16	0.011793197	0.013425771	0.048448742	0.269829086	503.374384	305.4693559	0.007178929
San Diego (SD)	2035 Annual	LDT1	GAS	AllMYr	65	3,001,780.53	0.009929242	0.017924637	0.476775408	0.062368775	409.7786813	251.9837295	0.001814241
San Diego (SD)	2035 Annual	LDT1	DSL	AllMYr	65	3,724.63	0.013922277	0.015849585	0.054566279	0.310342428	504.5080122	302.0487093	0.007142015
San Diego (SD)	2035 Annual	LDT2	GAS	AllMYr	65	7,698,598.31	0.009818822	0.018063037	0.460327342	0.064636329	479.2792736	326.2218634	0.001803976
San Diego (SD)	2035 Annual	LDT2	DSL	AllMYr	65	3,192.55	0.014665248	0.01669541	0.062182701	0.349544996	501.8498299	343.0491148	0.007568677
San Diego (SD)	2035 Annual	MCY	GAS	AllMYr	65	260,901.07	3.908216609	4.266343563	39.64565465	1.360308264	214.895164	193.4056476	3.72E-04
San Diego (SD)	2035 Annual	MDV	GAS	AllMYr	65	5,216,549.29	0.014164488	0.02498226	0.64042158	0.092591843	614.2482714	430.593957	0.00174962
San Diego (SD)	2035 Annual	MDV	DSL	AllMYr	65	5,787.08	0.012563775	0.014303022	0.050761309	0.281663863	503.8165784	349.6019688	0.007608482
San Diego (SD)	2035 Annual	MH	GAS	AllMYr	65	7,444.13	0.005146733	0.00934381	0.191893855	0.180437738	641.4979625	577.3481662	9.62E-05
San Diego (SD)	2035 Annual	MH	DSL	AllMYr	65	1,377.23	0.070986112	0.080812966	0.477867871	3.408872239	1059.052175	953.1469579	0.084491632
San Diego (SD)	2035 Annual	Motor Cr	DSL	AllMYr	65	2,191.89	0.115221972	0.131171445	1.016907757	1.570142039	1583.052423	1424.747181	0.104264239
San Diego (SD)	2035 Annual	OBUS	GAS	AllMYr	65	1,890.88	0.007995344	0.012646414	0.319846424	0.215926514	641.4979679	577.3481711	9.81E-05
San Diego (SD)	2035 Annual	T6 Ag	DSL	AllMYr	65	159.32	0.058563723	0.06667034	0.458851041	1.002064623	1024.449704	922.0047336	0.069330405
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	65	22.81	0.051143109	0.058222537	0.400709993	0.821920451	1024.231683	921.8085151	0.05828613
San Diego (SD)	2035 Annual	T6 CAIR	DSL	AllMYr	65	78.97	0.048604164	0.055332141	0.380817171	0.755784226	1024.226276	921.8036482	0.054431432
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	65	1,413.25	0.055356443	0.063019096	0.433721769	0.930635871	1024.254907	921.8294165	0.064665093
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	65	4,205.77	0.050549947	0.057547267	0.396062523	0.806311537	1024.232173	921.8089558	0.05738338
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	65	5,922.43	0.055410864	0.063081051	0.434148165	0.931955119	1024.256756	921.8310808	0.064745548
San Diego (SD)	2035 Annual	T6 instat	DSL	AllMYr	65	17,587.25	0.050569205	0.05756919	0.396213409	0.806789521	1024.232621	921.8093589	0.057412108
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	65	13.08	0.051143109	0.058222537	0.400709993	0.821920451	1024.231683	921.8085151	0.05828613
San Diego (SD)	2035 Annual	T6 OOS	DSL	AllMYr	65	45.27	0.048604164	0.055332141	0.380817171	0.755784226	1024.226276	921.8036482	0.054431432
San Diego (SD)	2035 Annual	T6 Publi	DSL	AllMYr	65	1,423.34	0.042031221	0.047849346	0.32787516	0.651857594	1024.596565	922.1369081	0.044358769
San Diego (SD)	2035 Annual	T6 utility	DSL	AllMYr	65	158.20	0.040941786	0.046609107	0.320781884	0.555521232	1024.229307	921.8063759	0.042777551
San Diego (SD)	2035 Annual	T6TS	GAS	AllMYr	65	5,048.52	0.007636392	0.012228753	0.306560329	0.208588758	641.4979245	577.3481321	1.01E-04
San Diego (SD)	2035 Annual	T7 Ag	DSL	AllMYr	65	491.78	0.121971799	0.138855609	1.07619157	1.6980769	1583.297556	1424.967801	0.111709582
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	65	15,259.00	0.125660429	0.143054833	1.109794434	1.794807781	1583.039092	1424.735183	0.116874733
San Diego (SD)	2035 Annual	T7 CAIR	DSL	AllMYr	65	1,317.02	0.125667739	0.143063155	1.109859615	1.79496837	1583.039043	1424.735138	0.116883688
San Diego (SD)	2035 Annual	T7 NNO	DSL	AllMYr	65	17,165.80	0.10910136	0.124203593	0.962519656	1.439665909	1583.03773	1424.733957	0.096939417
San Diego (SD)	2035 Annual	T7 NOO	DSL	AllMYr	65	5,556.94	0.125660445	0.143054852	1.1097946	1.794807553	1583.039086	1424.735177	0.116874772
San Diego (SD)	2035 Annual	T7 other	DSL	AllMYr	65	3,520.62	0.151204947	0.172135322	1.336999612	2.342855693	1583.036857	1424.733172	0.147640915
San Diego (SD)	2035 Annual	T7 POAI	DSL	AllMYr	65	-	0	0	0	0	0	0	0
San Diego (SD)	2035 Annual	T7 POL/	DSL	AllMYr	65	3,075.12	0.151204947	0.172135322	1.336999612	2.342855693	1583.036857	1424.733172	0.147640915
San Diego (SD)	2035 Annual	T7 Publi	DSL	AllMYr	65	801.21	0.085186594	0.096978453	0.71704802	2.181060938	1588.105044	1429.29454	0.069501729
San Diego (SD)	2035 Annual	T7 Singl	DSL	AllMYr	65	8,176.96	0.101230151	0.115242821	0.89241667	1.269496687	1583.076442	1424.768798	0.087375124
San Diego (SD)	2035 Annual	T7 singl	DSL	AllMYr	65	3,406.95	0.10127136	0.115289735	0.892785403	1.270395555	1583.075556	1424.768	0.087426754
San Diego (SD)	2035 Annual	T7 SWC	DSL	AllMYr	65	2,336.16	0.094170011	0.107205389	0.826884325	1.231219236	1583.978644	1425.58078	0.078400004
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	65	22,542.71	0.126232773	0.143706403	1.114748501	1.804606417	1583.079399	1424.771459	0.117439701
San Diego (SD)	2035 Annual	T7 tract	DSL	AllMYr	65	2,540.13	0.126503537	0.144014647	1.11715022	1.810260304	1583.08132	1424.773188	0.117759821
San Diego (SD)	2035 Annual	T7 utility	DSL	AllMYr	65	115.09	0.082652945	0.094094086	0.727267473	0.873414633	1583.057845	1424.752061	0.065078313
San Diego (SD)	2035 Annual	T7IS	GAS	AllMYr	65	687.13	0.222189215	0.288924964	29.79582343	5.278053892	641.4978935	577.3481042	9.22E-05
San Diego (SD)	2035 Annual	All Other	DSL	AllMYr	65	1,758.17	0.06005194	0.068364562	0.470511332	1.052103742	1024.290589	921.8615297	0.071761782

ATTACHMENT 3
AERMOD Data Sheets

THIS PAGE IS INTENTIONALLY BLANK.

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/21/12

*** 16:16:37

PAGE 1

**MODELOPTs: RegDEFAULT CONC

ELEV

*** 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 Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 859 Source(s); 1 Source Group(s); and 3528 Receptor
(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**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) = 9.00 ; Decay Coef.
= 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.3 MB of RAM.

**Detailed Error/Message File: Otay Mesa Ex CP Buildout.err

**File for Summary of Results: Otay Mesa Ex CP Buildout.sum

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 3

**MODELOPTs: RegDEFAULT CONC

ELEV

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\AERMET\Otay Mesa.SFC
Met Version: 11059
Profile file: ..\AERMET\Otay Mesa.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 1990 Year: 1990

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								
90	01	01	1	01	-28.1	0.276	-9.000	-9.000	-999.	334.	67.5	1.00	1.62	0.62	
2.10	331.			10.0	283.1	2.0									
90	01	01	1	02	-11.6	0.130	-9.000	-9.000	-999.	122.	17.2	1.00	1.62	1.00	
1.50	328.			10.0	282.0	2.0									
90	01	01	1	03	-29.4	0.261	-9.000	-9.000	-999.	306.	54.4	1.00	1.62	1.00	
2.10	344.			10.0	282.5	2.0									
90	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	08	-29.3	0.262	-9.000	-9.000	-999.	308.	55.3	1.00	1.62	1.00	
2.10	3.			10.0	283.1	2.0									
90	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	286.4	2.0									
90	01	01	1	10	-42.2	0.382	-9.000	-9.000	-999.	543.	119.1	1.00	1.62	1.00	
2.60	171.			10.0	288.1	2.0									
90	01	01	1	11	-42.1	0.382	-9.000	-9.000	-999.	544.	119.8	1.00	1.62	1.00	
2.60	184.			10.0	289.2	2.0									
90	01	01	1	12	-61.1	0.582	-9.000	-9.000	-999.	1021.	291.2	1.00	1.62	1.00	
3.60	216.			10.0	289.9	2.0									
90	01	01	1	13	-64.0	0.773	-9.000	-9.000	-999.	1562.	652.3	1.00	1.62	1.00	
4.60	203.			10.0	289.9	2.0									
90	01	01	1	14	-64.0	0.773	-9.000	-9.000	-999.	1564.	652.3	1.00	1.62	1.00	
4.60	229.			10.0	289.9	2.0									
90	01	01	1	15	-61.5	0.680	-9.000	-9.000	-999.	1302.	462.4	1.00	1.62	1.00	
4.10	232.			10.0	289.2	2.0									
90	01	01	1	16	-23.5	0.610	-9.000	-9.000	-999.	1103.	873.9	1.00	1.62	0.52	
3.60	264.			10.0	288.8	2.0									
90	01	01	1	17	48.0	0.561	-9.000	-9.000	-999.	971.	-332.9	1.00	1.62	0.32	
3.10	201.			10.0	288.1	2.0									

90	01	01	1	18	50.2	0.644	-9.000	-9.000	-999.	1187.	-480.1	1.00	1.62	0.26
3.60	227.	10.0	288.1	2.0										
90	01	01	1	19	142.8	0.513	-9.000	-9.000	-999.	860.	-85.3	1.00	1.62	0.24
2.60	224.	10.0	287.5	2.0										
90	01	01	1	20	160.1	0.517	-9.000	-9.000	-999.	856.	-78.1	1.00	1.62	0.23
2.60	217.	10.0	287.5	2.0										
90	01	01	1	21	158.4	0.594	-9.000	-9.000	-999.	1052.	-119.4	1.00	1.62	0.23
3.10	220.	10.0	287.5	2.0										
90	01	01	1	22	122.9	0.665	-9.000	-9.000	-999.	1244.	-215.6	1.00	1.62	0.24
3.60	222.	10.0	287.5	2.0										
90	01	01	1	23	43.4	0.642	-9.000	-9.000	-999.	1184.	-549.7	1.00	1.62	0.27
3.60	190.	10.0	287.5	2.0										
90	01	01	1	24	2.5	0.713	-9.000	-9.000	-999.	1382.	-8888.0	1.00	1.62	0.36
4.10	230.	10.0	287.5	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
90	01	01	01	10.0	1	331.	2.10	283.2	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 4

**MODELOPTs: RegDFAULT CONC

ELEV

OVER 3 YEARS ***

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK

GROUP ID	ZHILL, ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV,	
ALL		1ST HIGHEST VALUE IS		9850.75860 AT (	503685.74,	3604615.94,	0.00,
0.00,		0.00) GC UCART6					
		2ND HIGHEST VALUE IS		9615.16327 AT (	503535.74,	3604465.94,	0.00,
0.00,		0.00) GC UCART6					
		3RD HIGHEST VALUE IS		9444.09226 AT (	498321.32,	3603284.90,	0.00,
0.00,		0.00) GC UCART1					
		4TH HIGHEST VALUE IS		8716.78565 AT (	503535.74,	3604315.94,	0.00,
0.00,		0.00) GC UCART6					
		5TH HIGHEST VALUE IS		8648.80363 AT (	498621.32,	3603284.90,	0.00,
0.00,		0.00) GC UCART1					
		6TH HIGHEST VALUE IS		8575.10203 AT (	503537.15,	3602835.14,	0.00,
0.00,		0.00) GC UCART5					
		7TH HIGHEST VALUE IS		8483.28469 AT (	505613.59,	3601933.99,	0.00,
0.00,		0.00) GC UCART7					
		8TH HIGHEST VALUE IS		8307.34260 AT (	500854.52,	3602984.79,	0.00,
0.00,		0.00) GC UCART3					
		9TH HIGHEST VALUE IS		8176.96142 AT (	498621.32,	3603134.90,	0.00,
0.00,		0.00) GC UCART1					
		10TH HIGHEST VALUE IS		7922.98830 AT (	503535.74,	3604165.94,	0.00,
0.00,		0.00) GC UCART6					

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 5

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK				DATE	
GROUP ID		AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID		

ALL HIGH 1ST HIGH VALUE IS 142352.41215 ON 92092408: AT (503685.74,
3604615.94, 0.00, 0.00, 0.00) GC UCART6

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/21/12

*** 16:16:37

PAGE 6

**MODELOPTs: RegDFault CONC

ELEV

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 12293 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 1462 Calm Hours Identified

A Total of 10831 Missing Hours Identified (41.18 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.
See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

***** WARNING MESSAGES *****
*** NONE ***


```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.0.0
** Lakes Environmental Software Inc.
** Date: 10/21/2012
** File: C:\AERMOD\Otay Mesa CPU\Otay Mesa Ex CP Buildout\Otay Mesa Ex CP
Buildout.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa Existing\Otay Mesa Existing
  MODELOPT DFAULT CONC
  AVERTIME 1 ANNUAL
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "Otay Mesa Ex CP Buildout.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 = I_905_A
** DESCRSRC I_905_Sempre-Border
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 74.4202451
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 5
** 505727.82, 3601420.01, 0.00, 4.27, 23.26
** 505711.10, 3601611.75, 0.00, 4.27, 23.26
** 505726.41, 3601719.49, 0.00, 4.27, 23.26
** 505690.91, 3601898.02, 0.00, 4.27, 23.26
** 505643.14, 3601999.74, 0.00, 4.27, 23.26
** -----
  LOCATION L0003988      VOLUME  505725.647 3601444.921 0.0
  LOCATION L0003989      VOLUME  505721.305 3601494.732 0.0
  LOCATION L0003990      VOLUME  505716.962 3601544.543 0.0
  LOCATION L0003991      VOLUME  505712.620 3601594.354 0.0
  LOCATION L0003992      VOLUME  505715.679 3601643.964 0.0
  LOCATION L0003993      VOLUME  505722.711 3601693.468 0.0
  LOCATION L0003994      VOLUME  505721.781 3601742.751 0.0
  LOCATION L0003995      VOLUME  505712.030 3601791.791 0.0

```

```

LOCATION L0003996      VOLUME    505702.279 3601840.831 0.0
LOCATION L0003997      VOLUME    505692.529 3601889.871 0.0
LOCATION L0003998      VOLUME    505673.187 3601935.758 0.0
LOCATION L0003999      VOLUME    505651.936 3601981.017 0.0
** End of LINE VOLUME Source ID = I_905_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_B
** DESCRSRC I-905_Simpre-SR-125
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 118.8344204
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 3
** 505643.15, 3601999.73, 0.00, 4.27, 23.26
** 505606.12, 3602064.34, 0.00, 4.27, 23.26
** 505217.50, 3602534.52, 0.00, 4.27, 23.26
** -----
LOCATION L0004000      VOLUME    505630.716 3602021.424 0.0
LOCATION L0004001      VOLUME    505605.780 3602064.754 0.0
LOCATION L0004002      VOLUME    505573.926 3602103.293 0.0
LOCATION L0004003      VOLUME    505542.071 3602141.832 0.0
LOCATION L0004004      VOLUME    505510.216 3602180.371 0.0
LOCATION L0004005      VOLUME    505478.361 3602218.911 0.0
LOCATION L0004006      VOLUME    505446.507 3602257.450 0.0
LOCATION L0004007      VOLUME    505414.652 3602295.989 0.0
LOCATION L0004008      VOLUME    505382.797 3602334.528 0.0
LOCATION L0004009      VOLUME    505350.942 3602373.068 0.0
LOCATION L0004010      VOLUME    505319.088 3602411.607 0.0
LOCATION L0004011      VOLUME    505287.233 3602450.146 0.0
LOCATION L0004012      VOLUME    505255.378 3602488.685 0.0
LOCATION L0004013      VOLUME    505223.523 3602527.225 0.0
** End of LINE VOLUME Source ID = I_905_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_C
** DESCRSRC I-905_SR-125-LaMedia
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 139.6028609
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 9
** 505216.54, 3602535.58, 0.00, 4.27, 23.26
** 505081.69, 3602686.63, 0.00, 4.27, 23.26
** 504972.76, 3602784.06, 0.00, 4.27, 23.26
** 504860.21, 3602857.56, 0.00, 4.27, 23.26
** 504755.12, 3602907.67, 0.00, 4.27, 23.26
** 504705.68, 3602926.33, 0.00, 4.27, 23.26
** 504548.75, 3602963.98, 0.00, 4.27, 23.26
** 504475.80, 3602970.59, 0.00, 4.27, 23.26
** 503524.10, 3602978.42, 0.00, 4.27, 23.26
** -----
LOCATION L0004014      VOLUME    505199.887 3602554.225 0.0
LOCATION L0004015      VOLUME    505166.590 3602591.525 0.0
LOCATION L0004016      VOLUME    505133.292 3602628.824 0.0
LOCATION L0004017      VOLUME    505099.994 3602666.124 0.0

```

LOCATION	VOLUME				
L0004018	505064.909	3602701.638	0.0		
L0004019	505027.641	3602734.970	0.0		
L0004020	504990.372	3602768.303	0.0		
L0004021	504950.680	3602798.475	0.0		
L0004022	504908.817	3602825.815	0.0		
L0004023	504866.954	3602853.154	0.0		
L0004024	504822.348	3602875.612	0.0		
L0004025	504777.217	3602897.132	0.0		
L0004026	504731.244	3602916.681	0.0		
L0004027	504683.630	3602931.620	0.0		
L0004028	504635.010	3602943.285	0.0		
L0004029	504586.390	3602954.951	0.0		
L0004030	504537.505	3602965.002	0.0		
L0004031	504487.709	3602969.515	0.0		
L0004032	504437.759	3602970.907	0.0		
L0004033	504387.760	3602971.318	0.0		
L0004034	504337.762	3602971.729	0.0		
L0004035	504287.764	3602972.140	0.0		
L0004036	504237.765	3602972.552	0.0		
L0004037	504187.767	3602972.963	0.0		
L0004038	504137.769	3602973.374	0.0		
L0004039	504087.771	3602973.785	0.0		
L0004040	504037.772	3602974.196	0.0		
L0004041	503987.774	3602974.607	0.0		
L0004042	503937.776	3602975.018	0.0		
L0004043	503887.777	3602975.429	0.0		
L0004044	503837.779	3602975.840	0.0		
L0004045	503787.781	3602976.252	0.0		
L0004046	503737.782	3602976.663	0.0		
L0004047	503687.784	3602977.074	0.0		
L0004048	503637.786	3602977.485	0.0		
L0004049	503587.787	3602977.896	0.0		
L0004050	503537.789	3602978.307	0.0		

** End of LINE VOLUME Source ID = I_905_C

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_H

** DESCRSRC I-905_Caliente-I-805

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 254.9975084

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 10

498211.33	3603374.87	0.00	0.00	23.26
498078.80	3603426.47	0.00	0.00	23.26
497995.68	3603450.70	0.00	0.00	23.26
497904.40	3603469.28	0.00	0.00	23.26
497830.42	3603476.97	0.00	0.00	23.26
497760.84	3603476.12	0.00	0.00	23.26
497323.89	3603436.67	0.00	0.00	23.26
497063.85	3603415.73	0.00	0.00	23.26
496939.49	3603412.66	0.00	0.00	23.26
496187.94	3603420.71	0.00	0.00	23.26

** -----

LOCATION L0003123	VOLUME	498188.033	3603383.937	0.0
LOCATION L0003124	VOLUME	498141.441	3603402.079	0.0
LOCATION L0003125	VOLUME	498094.848	3603420.221	0.0
LOCATION L0003126	VOLUME	498047.332	3603435.644	0.0

LOCATION	VOLUME				
LOCATION L0003127	VOLUME	497999.330	3603449.638	0.0	
LOCATION L0003128	VOLUME	497950.410	3603459.915	0.0	
LOCATION L0003129	VOLUME	497901.369	3603469.594	0.0	
LOCATION L0003130	VOLUME	497851.637	3603474.761	0.0	
LOCATION L0003131	VOLUME	497801.753	3603476.619	0.0	
LOCATION L0003132	VOLUME	497751.793	3603475.307	0.0	
LOCATION L0003133	VOLUME	497701.996	3603470.810	0.0	
LOCATION L0003134	VOLUME	497652.199	3603466.313	0.0	
LOCATION L0003135	VOLUME	497602.401	3603461.816	0.0	
LOCATION L0003136	VOLUME	497552.604	3603457.320	0.0	
LOCATION L0003137	VOLUME	497502.806	3603452.823	0.0	
LOCATION L0003138	VOLUME	497453.009	3603448.326	0.0	
LOCATION L0003139	VOLUME	497403.212	3603443.829	0.0	
LOCATION L0003140	VOLUME	497353.414	3603439.332	0.0	
LOCATION L0003141	VOLUME	497303.600	3603435.032	0.0	
LOCATION L0003142	VOLUME	497253.761	3603431.020	0.0	
LOCATION L0003143	VOLUME	497203.923	3603427.007	0.0	
LOCATION L0003144	VOLUME	497154.084	3603422.995	0.0	
LOCATION L0003145	VOLUME	497104.245	3603418.982	0.0	
LOCATION L0003146	VOLUME	497054.379	3603415.496	0.0	
LOCATION L0003147	VOLUME	497004.394	3603414.264	0.0	
LOCATION L0003148	VOLUME	496954.409	3603413.031	0.0	
LOCATION L0003149	VOLUME	496904.416	3603413.038	0.0	
LOCATION L0003150	VOLUME	496854.419	3603413.573	0.0	
LOCATION L0003151	VOLUME	496804.421	3603414.108	0.0	
LOCATION L0003152	VOLUME	496754.424	3603414.643	0.0	
LOCATION L0003153	VOLUME	496704.427	3603415.179	0.0	
LOCATION L0003154	VOLUME	496654.430	3603415.714	0.0	
LOCATION L0003155	VOLUME	496604.433	3603416.249	0.0	
LOCATION L0003156	VOLUME	496554.436	3603416.784	0.0	
LOCATION L0003157	VOLUME	496504.439	3603417.319	0.0	
LOCATION L0003158	VOLUME	496454.442	3603417.854	0.0	
LOCATION L0003159	VOLUME	496404.444	3603418.389	0.0	
LOCATION L0003160	VOLUME	496354.447	3603418.924	0.0	
LOCATION L0003161	VOLUME	496304.450	3603419.459	0.0	
LOCATION L0003162	VOLUME	496254.453	3603419.995	0.0	
LOCATION L0003163	VOLUME	496204.456	3603420.530	0.0	

** End of LINE VOLUME Source ID = I_905_H

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_805_C

** DESCRSRC I-805_I-905_Palm

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 268.259023

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 2

** 496187.85, 3603420.77, 0.00, 4.27, 23.26

** 496520.01, 3605148.83, 0.00, 4.27, 23.26

** -----

LOCATION L0003928	VOLUME	496192.572	3603445.321	0.0	
LOCATION L0003929	VOLUME	496202.010	3603494.423	0.0	
LOCATION L0003930	VOLUME	496211.448	3603543.524	0.0	
LOCATION L0003931	VOLUME	496220.886	3603592.625	0.0	
LOCATION L0003932	VOLUME	496230.324	3603641.726	0.0	
LOCATION L0003933	VOLUME	496239.761	3603690.827	0.0	
LOCATION L0003934	VOLUME	496249.199	3603739.928	0.0	
LOCATION L0003935	VOLUME	496258.637	3603789.030	0.0	

LOCATION	L0003936	VOLUME	496268.075	3603838.131	0.0
LOCATION	L0003937	VOLUME	496277.513	3603887.232	0.0
LOCATION	L0003938	VOLUME	496286.951	3603936.333	0.0
LOCATION	L0003939	VOLUME	496296.389	3603985.434	0.0
LOCATION	L0003940	VOLUME	496305.827	3604034.535	0.0
LOCATION	L0003941	VOLUME	496315.265	3604083.637	0.0
LOCATION	L0003942	VOLUME	496324.703	3604132.738	0.0
LOCATION	L0003943	VOLUME	496334.141	3604181.839	0.0
LOCATION	L0003944	VOLUME	496343.579	3604230.940	0.0
LOCATION	L0003945	VOLUME	496353.017	3604280.041	0.0
LOCATION	L0003946	VOLUME	496362.455	3604329.142	0.0
LOCATION	L0003947	VOLUME	496371.893	3604378.244	0.0
LOCATION	L0003948	VOLUME	496381.331	3604427.345	0.0
LOCATION	L0003949	VOLUME	496390.769	3604476.446	0.0
LOCATION	L0003950	VOLUME	496400.207	3604525.547	0.0
LOCATION	L0003951	VOLUME	496409.645	3604574.648	0.0
LOCATION	L0003952	VOLUME	496419.083	3604623.749	0.0
LOCATION	L0003953	VOLUME	496428.521	3604672.851	0.0
LOCATION	L0003954	VOLUME	496437.959	3604721.952	0.0
LOCATION	L0003955	VOLUME	496447.397	3604771.053	0.0
LOCATION	L0003956	VOLUME	496456.835	3604820.154	0.0
LOCATION	L0003957	VOLUME	496466.273	3604869.255	0.0
LOCATION	L0003958	VOLUME	496475.711	3604918.356	0.0
LOCATION	L0003959	VOLUME	496485.149	3604967.458	0.0
LOCATION	L0003960	VOLUME	496494.587	3605016.559	0.0
LOCATION	L0003961	VOLUME	496504.025	3605065.660	0.0
LOCATION	L0003962	VOLUME	496513.463	3605114.761	0.0

** End of LINE VOLUME Source ID = I_805_C

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_805_D

** DESCRSRC I-805_N_Of_Palm

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 303.4572029

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 5

** 496519.99, 3605148.63, 0.00, 4.27, 23.26

** 496549.94, 3605316.11, 0.00, 4.27, 23.26

** 496568.64, 3605434.29, 0.00, 4.27, 23.26

** 496577.42, 3605558.92, 0.00, 4.27, 23.26

** 496593.26, 3606374.43, 0.00, 4.27, 23.26

** -----

LOCATION	L0003963	VOLUME	496524.391	3605173.242	0.0
LOCATION	L0003964	VOLUME	496533.192	3605222.461	0.0
LOCATION	L0003965	VOLUME	496541.993	3605271.681	0.0
LOCATION	L0003966	VOLUME	496550.698	3605320.916	0.0
LOCATION	L0003967	VOLUME	496558.515	3605370.301	0.0
LOCATION	L0003968	VOLUME	496566.332	3605419.686	0.0
LOCATION	L0003969	VOLUME	496571.119	3605469.418	0.0
LOCATION	L0003970	VOLUME	496574.632	3605519.294	0.0
LOCATION	L0003971	VOLUME	496577.623	3605569.194	0.0
LOCATION	L0003972	VOLUME	496578.594	3605619.184	0.0
LOCATION	L0003973	VOLUME	496579.565	3605669.175	0.0
LOCATION	L0003974	VOLUME	496580.536	3605719.165	0.0
LOCATION	L0003975	VOLUME	496581.507	3605769.156	0.0
LOCATION	L0003976	VOLUME	496582.478	3605819.147	0.0
LOCATION	L0003977	VOLUME	496583.449	3605869.137	0.0

LOCATION	L0003978	VOLUME	496584.421	3605919.128	0.0
LOCATION	L0003979	VOLUME	496585.392	3605969.118	0.0
LOCATION	L0003980	VOLUME	496586.363	3606019.109	0.0
LOCATION	L0003981	VOLUME	496587.334	3606069.099	0.0
LOCATION	L0003982	VOLUME	496588.305	3606119.090	0.0
LOCATION	L0003983	VOLUME	496589.276	3606169.081	0.0
LOCATION	L0003984	VOLUME	496590.247	3606219.071	0.0
LOCATION	L0003985	VOLUME	496591.218	3606269.062	0.0
LOCATION	L0003986	VOLUME	496592.189	3606319.052	0.0
LOCATION	L0003987	VOLUME	496593.160	3606369.043	0.0

** End of LINE VOLUME Source ID = I_805_D
 ** -----

** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = OTAY_MEASA_A
 ** DESCRSRC Otay Mesa Rd Calinete to Corporate
 ** PREFIX
 ** Length of Side = 40.00
 ** Configuration = Adjacent
 ** Emission Rate = 168.743579
 ** Vertical Dimension = 12.80
 ** SZINIT = 5.95
 ** Nodes = 2
 ** 498669.75, 3603440.25, 0.00, 4.27, 18.60
 ** 499484.05, 3603427.60, 0.00, 4.27, 18.60
 ** -----

LOCATION	L0004261	VOLUME	498689.746	3603439.942	0.0
LOCATION	L0004262	VOLUME	498729.741	3603439.320	0.0
LOCATION	L0004263	VOLUME	498769.736	3603438.699	0.0
LOCATION	L0004264	VOLUME	498809.731	3603438.077	0.0
LOCATION	L0004265	VOLUME	498849.726	3603437.456	0.0
LOCATION	L0004266	VOLUME	498889.722	3603436.834	0.0
LOCATION	L0004267	VOLUME	498929.717	3603436.213	0.0
LOCATION	L0004268	VOLUME	498969.712	3603435.592	0.0
LOCATION	L0004269	VOLUME	499009.707	3603434.970	0.0
LOCATION	L0004270	VOLUME	499049.702	3603434.349	0.0
LOCATION	L0004271	VOLUME	499089.697	3603433.727	0.0
LOCATION	L0004272	VOLUME	499129.693	3603433.106	0.0
LOCATION	L0004273	VOLUME	499169.688	3603432.484	0.0
LOCATION	L0004274	VOLUME	499209.683	3603431.863	0.0
LOCATION	L0004275	VOLUME	499249.678	3603431.241	0.0
LOCATION	L0004276	VOLUME	499289.673	3603430.620	0.0
LOCATION	L0004277	VOLUME	499329.668	3603429.998	0.0
LOCATION	L0004278	VOLUME	499369.664	3603429.377	0.0
LOCATION	L0004279	VOLUME	499409.659	3603428.756	0.0
LOCATION	L0004280	VOLUME	499449.654	3603428.134	0.0

** End of LINE VOLUME Source ID = OTAY_MEASA_A
 ** -----

** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = OTAY_MESA_B
 ** DESCRSRC Otay Mesa Rd Corporate to Innovative
 ** PREFIX
 ** Length of Side = 40.00
 ** Configuration = Adjacent
 ** Emission Rate = 77.88165185
 ** Vertical Dimension = 12.80
 ** SZINIT = 5.95
 ** Nodes = 2
 ** 499484.06, 3603427.60, 0.00, 4.27, 18.60
 ** 499886.35, 3603425.24, 0.00, 4.27, 18.60
 ** -----


```

LOCATION L0004281      VOLUME  499504.056 3603427.483 0.0
LOCATION L0004282      VOLUME  499544.055 3603427.249 0.0
LOCATION L0004283      VOLUME  499584.055 3603427.015 0.0
LOCATION L0004284      VOLUME  499624.054 3603426.780 0.0
LOCATION L0004285      VOLUME  499664.053 3603426.546 0.0
LOCATION L0004286      VOLUME  499704.053 3603426.312 0.0
LOCATION L0004287      VOLUME  499744.052 3603426.078 0.0
LOCATION L0004288      VOLUME  499784.051 3603425.844 0.0
LOCATION L0004289      VOLUME  499824.051 3603425.610 0.0
LOCATION L0004290      VOLUME  499864.050 3603425.375 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MES_C
** DESCRSRC Otay Mesa Rd Innovated to Heritage
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 90.86192715
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 499886.36, 3603425.25, 0.00, 4.27, 18.60
** 500293.21, 3603418.28, 0.00, 4.27, 18.60
** -----
LOCATION L0004291      VOLUME  499906.355 3603424.905 0.0
LOCATION L0004292      VOLUME  499946.349 3603424.220 0.0
LOCATION L0004293      VOLUME  499986.344 3603423.536 0.0
LOCATION L0004294      VOLUME  500026.338 3603422.851 0.0
LOCATION L0004295      VOLUME  500066.332 3603422.167 0.0
LOCATION L0004296      VOLUME  500106.326 3603421.482 0.0
LOCATION L0004297      VOLUME  500146.320 3603420.798 0.0
LOCATION L0004298      VOLUME  500186.314 3603420.113 0.0
LOCATION L0004299      VOLUME  500226.308 3603419.429 0.0
LOCATION L0004300      VOLUME  500266.303 3603418.744 0.0
** End of LINE VOLUME Source ID = OTAY_MES_C
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_D
** DESCRSRC Otay Mesa Rd-905 E-Heritage to Cactus
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 160.0900621
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 500293.22, 3603418.33, 0.00, 4.27, 18.60
** 501102.99, 3603404.90, 0.00, 4.27, 18.60
** -----
LOCATION L0004301      VOLUME  500313.219 3603417.999 0.0
LOCATION L0004302      VOLUME  500353.214 3603417.335 0.0
LOCATION L0004303      VOLUME  500393.208 3603416.672 0.0
LOCATION L0004304      VOLUME  500433.203 3603416.009 0.0
LOCATION L0004305      VOLUME  500473.197 3603415.345 0.0
LOCATION L0004306      VOLUME  500513.192 3603414.682 0.0
LOCATION L0004307      VOLUME  500553.186 3603414.019 0.0
LOCATION L0004308      VOLUME  500593.181 3603413.356 0.0
LOCATION L0004309      VOLUME  500633.175 3603412.692 0.0
LOCATION L0004310      VOLUME  500673.170 3603412.029 0.0

```

```

LOCATION L0004311      VOLUME    500713.164 3603411.366 0.0
LOCATION L0004312      VOLUME    500753.159 3603410.703 0.0
LOCATION L0004313      VOLUME    500793.153 3603410.039 0.0
LOCATION L0004314      VOLUME    500833.148 3603409.376 0.0
LOCATION L0004315      VOLUME    500873.142 3603408.713 0.0
LOCATION L0004316      VOLUME    500913.137 3603408.050 0.0
LOCATION L0004317      VOLUME    500953.131 3603407.386 0.0
LOCATION L0004318      VOLUME    500993.126 3603406.723 0.0
LOCATION L0004319      VOLUME    501033.120 3603406.060 0.0
LOCATION L0004320      VOLUME    501073.115 3603405.397 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_D
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_E
** DESCRSRC Otay Mesa R-905 F Cactus to Britannia
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 102.7605129
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501102.95, 3603404.89, 0.00, 4.27, 18.60
** 501903.08, 3603388.31, 0.00, 4.27, 18.60
** -----
LOCATION L0004321      VOLUME    501122.943 3603404.472 0.0
LOCATION L0004322      VOLUME    501162.935 3603403.644 0.0
LOCATION L0004323      VOLUME    501202.926 3603402.816 0.0
LOCATION L0004324      VOLUME    501242.917 3603401.987 0.0
LOCATION L0004325      VOLUME    501282.909 3603401.159 0.0
LOCATION L0004326      VOLUME    501322.900 3603400.330 0.0
LOCATION L0004327      VOLUME    501362.892 3603399.502 0.0
LOCATION L0004328      VOLUME    501402.883 3603398.674 0.0
LOCATION L0004329      VOLUME    501442.875 3603397.845 0.0
LOCATION L0004330      VOLUME    501482.866 3603397.017 0.0
LOCATION L0004331      VOLUME    501522.857 3603396.188 0.0
LOCATION L0004332      VOLUME    501562.849 3603395.360 0.0
LOCATION L0004333      VOLUME    501602.840 3603394.532 0.0
LOCATION L0004334      VOLUME    501642.832 3603393.703 0.0
LOCATION L0004335      VOLUME    501682.823 3603392.875 0.0
LOCATION L0004336      VOLUME    501722.814 3603392.046 0.0
LOCATION L0004337      VOLUME    501762.806 3603391.218 0.0
LOCATION L0004338      VOLUME    501802.797 3603390.390 0.0
LOCATION L0004339      VOLUME    501842.789 3603389.561 0.0
LOCATION L0004340      VOLUME    501882.780 3603388.733 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_E
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_F
** DESCRSRC Otay Mesa Rd Britannia to La Media
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 126.5576843
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501903.09, 3603388.31, 0.00, 4.27, 18.60
** 503536.98, 3603371.42, 0.00, 4.27, 18.60
** -----

```


LOCATION	VOLUME				
L0004341	501923.093	3603388.105	0.0		
L0004342	501963.091	3603387.691	0.0		
L0004343	502003.089	3603387.278	0.0		
L0004344	502043.087	3603386.864	0.0		
L0004345	502083.084	3603386.450	0.0		
L0004346	502123.082	3603386.037	0.0		
L0004347	502163.080	3603385.623	0.0		
L0004348	502203.078	3603385.210	0.0		
L0004349	502243.076	3603384.796	0.0		
L0004350	502283.074	3603384.383	0.0		
L0004351	502323.072	3603383.969	0.0		
L0004352	502363.069	3603383.556	0.0		
L0004353	502403.067	3603383.142	0.0		
L0004354	502443.065	3603382.729	0.0		
L0004355	502483.063	3603382.315	0.0		
L0004356	502523.061	3603381.902	0.0		
L0004357	502563.059	3603381.488	0.0		
L0004358	502603.057	3603381.074	0.0		
L0004359	502643.054	3603380.661	0.0		
L0004360	502683.052	3603380.247	0.0		
L0004361	502723.050	3603379.834	0.0		
L0004362	502763.048	3603379.420	0.0		
L0004363	502803.046	3603379.007	0.0		
L0004364	502843.044	3603378.593	0.0		
L0004365	502883.042	3603378.180	0.0		
L0004366	502923.039	3603377.766	0.0		
L0004367	502963.037	3603377.353	0.0		
L0004368	503003.035	3603376.939	0.0		
L0004369	503043.033	3603376.525	0.0		
L0004370	503083.031	3603376.112	0.0		
L0004371	503123.029	3603375.698	0.0		
L0004372	503163.027	3603375.285	0.0		
L0004373	503203.025	3603374.871	0.0		
L0004374	503243.022	3603374.458	0.0		
L0004375	503283.020	3603374.044	0.0		
L0004376	503323.018	3603373.631	0.0		
L0004377	503363.016	3603373.217	0.0		
L0004378	503403.014	3603372.804	0.0		
L0004379	503443.012	3603372.390	0.0		
L0004380	503483.010	3603371.976	0.0		
L0004381	503523.007	3603371.563	0.0		

** End of LINE VOLUME Source ID = OTAY_MESA_F

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_D

** DESCRSRC I-905 Britannia to La Media

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 192.6921869

** Vertical Dimension = 4.27

** SZINIT = 1.98

** Nodes = 2

** 503524.08, 3602978.42, 0.00, 4.27, 23.26

** 501899.68, 3602983.74, 0.00, 4.27, 23.26

** -----

L0004051	503499.078	3602978.506	0.0		
L0004052	503449.079	3602978.669	0.0		
L0004053	503399.079	3602978.833	0.0		
L0004054	503349.079	3602978.996	0.0		

LOCATION	VOLUME				
L0004055	503299.079	3602979.160	0.0		
L0004056	503249.080	3602979.323	0.0		
L0004057	503199.080	3602979.487	0.0		
L0004058	503149.080	3602979.650	0.0		
L0004059	503099.080	3602979.814	0.0		
L0004060	503049.081	3602979.978	0.0		
L0004061	502999.081	3602980.141	0.0		
L0004062	502949.081	3602980.305	0.0		
L0004063	502899.081	3602980.468	0.0		
L0004064	502849.082	3602980.632	0.0		
L0004065	502799.082	3602980.795	0.0		
L0004066	502749.082	3602980.959	0.0		
L0004067	502699.083	3602981.122	0.0		
L0004068	502649.083	3602981.286	0.0		
L0004069	502599.083	3602981.449	0.0		
L0004070	502549.083	3602981.613	0.0		
L0004071	502499.084	3602981.776	0.0		
L0004072	502449.084	3602981.940	0.0		
L0004073	502399.084	3602982.104	0.0		
L0004074	502349.084	3602982.267	0.0		
L0004075	502299.085	3602982.431	0.0		
L0004076	502249.085	3602982.594	0.0		
L0004077	502199.085	3602982.758	0.0		
L0004078	502149.085	3602982.921	0.0		
L0004079	502099.086	3602983.085	0.0		
L0004080	502049.086	3602983.248	0.0		
L0004081	501999.086	3602983.412	0.0		
L0004082	501949.087	3602983.575	0.0		

** End of LINE VOLUME Source ID = I_905_D

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_E

** DESCRSRC I-905 Britannia to Cactus

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 222.6766229

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 7

** 501899.91, 3602983.63, 0.00, 4.27, 23.26

** 501741.38, 3602983.82, 0.00, 4.27, 23.26

** 501643.61, 3602988.14, 0.00, 4.27, 23.26

** 501570.98, 3602994.32, 0.00, 4.27, 23.26

** 501500.02, 3603003.34, 0.00, 4.27, 23.26

** 501181.43, 3603050.59, 0.00, 4.27, 23.26

** 501097.47, 3603057.67, 0.00, 4.27, 23.26

** -----

L0004083	501874.908	3602983.656	0.0		
L0004084	501824.908	3602983.718	0.0		
L0004085	501774.909	3602983.780	0.0		
L0004086	501724.925	3602984.548	0.0		
L0004087	501674.973	3602986.753	0.0		
L0004088	501625.071	3602989.716	0.0		
L0004089	501575.251	3602993.961	0.0		
L0004090	501525.632	3603000.087	0.0		
L0004091	501476.099	3603006.889	0.0		
L0004092	501426.640	3603014.224	0.0		
L0004093	501377.181	3603021.559	0.0		
L0004094	501327.722	3603028.894	0.0		

```

LOCATION L0004095      VOLUME    501278.263 3603036.230 0.0
LOCATION L0004096      VOLUME    501228.804 3603043.565 0.0
LOCATION L0004097      VOLUME    501179.329 3603050.767 0.0
LOCATION L0004098      VOLUME    501129.506 3603054.967 0.0
** End of LINE VOLUME Source ID = I_905_E
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_I
** DESCRSRC I-905 Cactus to Heritage
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 258.4589152
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 10
** 501097.64, 3603057.51, 0.00, 4.27, 23.26
** 501002.41, 3603058.87, 0.00, 4.27, 23.26
** 500933.39, 3603058.05, 0.00, 4.27, 23.26
** 500801.94, 3603045.25, 0.00, 4.27, 23.26
** 500707.24, 3603030.49, 0.00, 4.27, 23.26
** 500621.35, 3603014.98, 0.00, 4.27, 23.26
** 500570.58, 3603004.14, 0.00, 4.27, 23.26
** 500421.36, 3602979.21, 0.00, 4.27, 23.26
** 500340.77, 3602978.08, 0.00, 4.27, 23.26
** 500288.38, 3602980.72, 0.00, 4.27, 23.26
** -----
LOCATION L0004099      VOLUME    501072.641 3603057.865 0.0
LOCATION L0004100      VOLUME    501022.647 3603058.584 0.0
LOCATION L0004101      VOLUME    500972.651 3603058.519 0.0
LOCATION L0004102      VOLUME    500922.704 3603057.009 0.0
LOCATION L0004103      VOLUME    500872.939 3603052.165 0.0
LOCATION L0004104      VOLUME    500823.174 3603047.321 0.0
LOCATION L0004105      VOLUME    500773.617 3603040.839 0.0
LOCATION L0004106      VOLUME    500724.213 3603033.139 0.0
LOCATION L0004107      VOLUME    500674.941 3603024.661 0.0
LOCATION L0004108      VOLUME    500625.736 3603015.775 0.0
LOCATION L0004109      VOLUME    500576.812 3603005.471 0.0
LOCATION L0004110      VOLUME    500527.549 3602996.951 0.0
LOCATION L0004111      VOLUME    500478.232 3602988.711 0.0
LOCATION L0004112      VOLUME    500428.916 3602980.471 0.0
LOCATION L0004113      VOLUME    500379.025 3602978.615 0.0
LOCATION L0004114      VOLUME    500329.044 3602978.669 0.0
** End of LINE VOLUME Source ID = I_905_I
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_F
** DESCRSRC I-905 Heritage to Caliente
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 292.4888703
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 17
** 500288.74, 3602980.97, 0.00, 4.27, 23.26
** 500241.20, 3602987.73, 0.00, 4.27, 23.26
** 500196.90, 3602998.23, 0.00, 4.27, 23.26
** 500151.81, 3603011.83, 0.00, 4.27, 23.26
** 500095.46, 3603034.57, 0.00, 4.27, 23.26

```

```

** 499913.77, 3603116.43, 0.00, 4.27, 23.26
** 499814.72, 3603160.10, 0.00, 4.27, 23.26
** 499720.10, 3603197.13, 0.00, 4.27, 23.26
** 499605.86, 3603221.81, 0.00, 4.27, 23.26
** 499557.27, 3603227.77, 0.00, 4.27, 23.26
** 499504.42, 3603229.04, 0.00, 4.27, 23.26
** 499452.20, 3603228.40, 0.00, 4.27, 23.26
** 498924.78, 3603183.28, 0.00, 4.27, 23.26
** 498846.17, 3603179.72, 0.00, 4.27, 23.26
** 498783.51, 3603183.83, 0.00, 4.27, 23.26
** 498727.72, 3603190.92, 0.00, 4.27, 23.26
** 498650.17, 3603206.84, 0.00, 4.27, 23.26

```

```

** -----
LOCATION L0004115      VOLUME  500263.986 3602984.490 0.0
LOCATION L0004116      VOLUME  500214.942 3602993.952 0.0
LOCATION L0004117      VOLUME  500166.782 3603007.313 0.0
LOCATION L0004118      VOLUME  500119.944 3603024.686 0.0
LOCATION L0004119      VOLUME  500073.945 3603044.259 0.0
LOCATION L0004120      VOLUME  500028.359 3603064.800 0.0
LOCATION L0004121      VOLUME  499982.774 3603085.341 0.0
LOCATION L0004122      VOLUME  499937.188 3603105.882 0.0
LOCATION L0004123      VOLUME  499891.522 3603126.243 0.0
LOCATION L0004124      VOLUME  499845.771 3603146.415 0.0
LOCATION L0004125      VOLUME  499799.760 3603165.959 0.0
LOCATION L0004126      VOLUME  499753.198 3603184.179 0.0
LOCATION L0004127      VOLUME  499705.967 3603200.183 0.0
LOCATION L0004128      VOLUME  499657.095 3603210.743 0.0
LOCATION L0004129      VOLUME  499608.223 3603221.302 0.0
LOCATION L0004130      VOLUME  499558.631 3603227.604 0.0
LOCATION L0004131      VOLUME  499508.655 3603228.936 0.0
LOCATION L0004132      VOLUME  499458.660 3603228.483 0.0
LOCATION L0004133      VOLUME  499408.819 3603224.693 0.0
LOCATION L0004134      VOLUME  499359.001 3603220.430 0.0
LOCATION L0004135      VOLUME  499309.183 3603216.168 0.0
LOCATION L0004136      VOLUME  499259.365 3603211.905 0.0
LOCATION L0004137      VOLUME  499209.547 3603207.642 0.0
LOCATION L0004138      VOLUME  499159.729 3603203.380 0.0
LOCATION L0004139      VOLUME  499109.911 3603199.117 0.0
LOCATION L0004140      VOLUME  499060.093 3603194.854 0.0
LOCATION L0004141      VOLUME  499010.275 3603190.592 0.0
LOCATION L0004142      VOLUME  498960.457 3603186.329 0.0
LOCATION L0004143      VOLUME  498910.602 3603182.635 0.0
LOCATION L0004144      VOLUME  498860.653 3603180.374 0.0
LOCATION L0004145      VOLUME  498810.744 3603182.046 0.0
LOCATION L0004146      VOLUME  498760.984 3603186.697 0.0
LOCATION L0004147      VOLUME  498711.588 3603194.235 0.0
LOCATION L0004148      VOLUME  498662.609 3603204.290 0.0

```

```

** End of LINE VOLUME Source ID = I_905_F
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_G
** DESCRSRC I-905 Caleinte to A st
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 254.9975084
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 3
** 498650.21, 3603207.27, 0.00, 4.27, 23.26

```

```

** 498597.78, 3603220.84, 0.00, 4.27, 23.26
** 498212.50, 3603374.25, 0.00, 4.27, 23.26
** -----
LOCATION L0003164      VOLUME  498626.003 3603213.532 0.0
LOCATION L0003165      VOLUME  498578.411 3603228.549 0.0
LOCATION L0003166      VOLUME  498531.958 3603247.045 0.0
LOCATION L0003167      VOLUME  498485.506 3603265.542 0.0
LOCATION L0003168      VOLUME  498439.053 3603284.038 0.0
LOCATION L0003169      VOLUME  498392.600 3603302.535 0.0
LOCATION L0003170      VOLUME  498346.147 3603321.032 0.0
LOCATION L0003171      VOLUME  498299.694 3603339.528 0.0
LOCATION L0003172      VOLUME  498253.241 3603358.025 0.0
** End of LINE VOLUME Source ID = I_905_G
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_805_A
** DESCRSRC I-805 Border to I-5
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 147.1097868
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 4
** 497206.21, 3600559.02, 0.00, 4.27, 23.26
** 496667.63, 3600985.46, 0.00, 4.27, 23.26
** 496283.14, 3601298.39, 0.00, 4.27, 23.26
** 496232.20, 3601369.95, 0.00, 4.27, 23.26
** -----
LOCATION L0003861      VOLUME  497186.614 3600574.540 0.0
LOCATION L0003862      VOLUME  497147.414 3600605.577 0.0
LOCATION L0003863      VOLUME  497108.214 3600636.615 0.0
LOCATION L0003864      VOLUME  497069.014 3600667.653 0.0
LOCATION L0003865      VOLUME  497029.814 3600698.691 0.0
LOCATION L0003866      VOLUME  496990.613 3600729.729 0.0
LOCATION L0003867      VOLUME  496951.413 3600760.767 0.0
LOCATION L0003868      VOLUME  496912.213 3600791.804 0.0
LOCATION L0003869      VOLUME  496873.013 3600822.842 0.0
LOCATION L0003870      VOLUME  496833.813 3600853.880 0.0
LOCATION L0003871      VOLUME  496794.613 3600884.918 0.0
LOCATION L0003872      VOLUME  496755.412 3600915.956 0.0
LOCATION L0003873      VOLUME  496716.212 3600946.994 0.0
LOCATION L0003874      VOLUME  496677.012 3600978.031 0.0
LOCATION L0003875      VOLUME  496638.132 3601009.468 0.0
LOCATION L0003876      VOLUME  496599.352 3601041.030 0.0
LOCATION L0003877      VOLUME  496560.573 3601072.591 0.0
LOCATION L0003878      VOLUME  496521.793 3601104.153 0.0
LOCATION L0003879      VOLUME  496483.014 3601135.715 0.0
LOCATION L0003880      VOLUME  496444.234 3601167.277 0.0
LOCATION L0003881      VOLUME  496405.455 3601198.839 0.0
LOCATION L0003882      VOLUME  496366.675 3601230.401 0.0
LOCATION L0003883      VOLUME  496327.896 3601261.963 0.0
LOCATION L0003884      VOLUME  496289.116 3601293.524 0.0
LOCATION L0003885      VOLUME  496258.613 3601332.845 0.0
** End of LINE VOLUME Source ID = I_805_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_805_B
** DESCRSRC I-905 I-5 tp I-905
** PREFIX

```

```

** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 124.0265306
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 10
** 496233.15, 3601368.93, 0.00, 4.27, 23.26
** 496191.62, 3601457.47, 0.00, 4.27, 23.26
** 496142.10, 3601600.12, 0.00, 4.27, 23.26
** 496081.40, 3601944.25, 0.00, 4.27, 23.26
** 496050.11, 3602067.94, 0.00, 4.27, 23.26
** 496012.85, 3602297.42, 0.00, 4.27, 23.26
** 496011.20, 3602426.18, 0.00, 4.27, 23.26
** 496026.32, 3602582.36, 0.00, 4.27, 23.26
** 496041.43, 3602631.06, 0.00, 4.27, 23.26
** 496187.68, 3603420.44, 0.00, 4.27, 23.26

```

```

-----
LOCATION L0003886      VOLUME  496222.533 3601391.564 0.0
LOCATION L0003887      VOLUME  496201.303 3601436.833 0.0
LOCATION L0003888      VOLUME  496182.702 3601483.172 0.0
LOCATION L0003889      VOLUME  496166.304 3601530.406 0.0
LOCATION L0003890      VOLUME  496149.906 3601577.641 0.0
LOCATION L0003891      VOLUME  496137.550 3601625.926 0.0
LOCATION L0003892      VOLUME  496128.864 3601675.166 0.0
LOCATION L0003893      VOLUME  496120.179 3601724.406 0.0
LOCATION L0003894      VOLUME  496111.494 3601773.646 0.0
LOCATION L0003895      VOLUME  496102.808 3601822.886 0.0
LOCATION L0003896      VOLUME  496094.123 3601872.125 0.0
LOCATION L0003897      VOLUME  496085.438 3601921.365 0.0
LOCATION L0003898      VOLUME  496074.837 3601970.195 0.0
LOCATION L0003899      VOLUME  496062.573 3602018.667 0.0
LOCATION L0003900      VOLUME  496050.309 3602067.140 0.0
LOCATION L0003901      VOLUME  496042.227 3602116.479 0.0
LOCATION L0003902      VOLUME  496034.215 3602165.833 0.0
LOCATION L0003903      VOLUME  496026.203 3602215.187 0.0
LOCATION L0003904      VOLUME  496018.191 3602264.541 0.0
LOCATION L0003905      VOLUME  496012.640 3602314.109 0.0
LOCATION L0003906      VOLUME  496011.999 3602364.105 0.0
LOCATION L0003907      VOLUME  496011.358 3602414.101 0.0
LOCATION L0003908      VOLUME  496014.856 3602463.924 0.0
LOCATION L0003909      VOLUME  496019.672 3602513.691 0.0
LOCATION L0003910      VOLUME  496024.489 3602563.459 0.0
LOCATION L0003911      VOLUME  496035.510 3602611.977 0.0
LOCATION L0003912      VOLUME  496046.900 3602660.577 0.0
LOCATION L0003913      VOLUME  496056.009 3602709.740 0.0
LOCATION L0003914      VOLUME  496065.117 3602758.903 0.0
LOCATION L0003915      VOLUME  496074.226 3602808.067 0.0
LOCATION L0003916      VOLUME  496083.335 3602857.230 0.0
LOCATION L0003917      VOLUME  496092.443 3602906.393 0.0
LOCATION L0003918      VOLUME  496101.552 3602955.557 0.0
LOCATION L0003919      VOLUME  496110.660 3603004.720 0.0
LOCATION L0003920      VOLUME  496119.769 3603053.883 0.0
LOCATION L0003921      VOLUME  496128.877 3603103.047 0.0
LOCATION L0003922      VOLUME  496137.986 3603152.210 0.0
LOCATION L0003923      VOLUME  496147.094 3603201.373 0.0
LOCATION L0003924      VOLUME  496156.203 3603250.537 0.0
LOCATION L0003925      VOLUME  496165.312 3603299.700 0.0
LOCATION L0003926      VOLUME  496174.420 3603348.863 0.0
LOCATION L0003927      VOLUME  496183.529 3603398.027 0.0
** End of LINE VOLUME Source ID = I_805_B

```



```

** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR_125_A
** DESCRSRC SR-125 I-905 to Lone Star
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 87.6817597
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 15
** 505216.55, 3602535.67, 0.00, 4.27, 0.00
** 505208.82, 3602550.85, 0.00, 4.27, 23.26
** 505179.25, 3602619.06, 0.00, 4.27, 23.26
** 505156.13, 3602748.82, 0.00, 4.27, 23.26
** 505159.89, 3602881.66, 0.00, 4.27, 23.26
** 505137.33, 3603019.51, 0.00, 4.27, 23.26
** 505103.49, 3603121.02, 0.00, 4.27, 23.26
** 504989.45, 3603258.87, 0.00, 4.27, 23.26
** 504812.76, 3603362.88, 0.00, 4.27, 23.26
** 504756.06, 3603552.47, 0.00, 4.27, 23.26
** 504693.64, 3603722.94, 0.00, 4.27, 23.26
** 504609.05, 3603856.80, 0.00, 4.27, 23.26
** 504487.60, 3603989.97, 0.00, 4.27, 23.26
** 504369.35, 3604092.24, 0.00, 4.27, 23.26
** 503730.11, 3604589.33, 0.00, 4.27, 23.26
** -----

```

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0004149	505205.653	3602558.161	0.0	
L0004150	505185.763	3602604.035	0.0	
L0004151	505173.350	3602652.162	0.0	
L0004152	505164.579	3602701.386	0.0	
L0004153	505156.179	3602750.639	0.0	
L0004154	505157.593	3602800.619	0.0	
L0004155	505159.008	3602850.599	0.0	
L0004156	505156.830	3602900.338	0.0	
L0004157	505148.756	3602949.681	0.0	
L0004158	505140.681	3602999.025	0.0	
L0004159	505128.082	3603047.252	0.0	
L0004160	505112.270	3603094.686	0.0	
L0004161	505089.314	3603138.157	0.0	
L0004162	505057.442	3603176.682	0.0	
L0004163	505025.571	3603215.208	0.0	
L0004164	504993.700	3603253.734	0.0	
L0004165	504952.105	3603280.851	0.0	
L0004166	504909.016	3603306.216	0.0	
L0004167	504865.928	3603331.580	0.0	
L0004168	504822.839	3603356.944	0.0	
L0004169	504801.783	3603399.574	0.0	
L0004170	504787.457	3603447.478	0.0	
L0004171	504773.132	3603495.382	0.0	
L0004172	504758.806	3603543.286	0.0	
L0004173	504742.163	3603590.419	0.0	
L0004174	504724.970	3603637.370	0.0	
L0004175	504707.776	3603684.321	0.0	
L0004176	504688.894	3603730.441	0.0	
L0004177	504662.184	3603772.709	0.0	
L0004178	504635.475	3603814.978	0.0	
L0004179	504608.692	3603857.190	0.0	
L0004180	504575.000	3603894.133	0.0	
L0004181	504541.307	3603931.077	0.0	

LOCATION	VOLUME				
L0004182	504507.615	3603968.020	0.0		
L0004183	504472.247	3604003.244	0.0		
L0004184	504434.429	3604035.952	0.0		
L0004185	504396.611	3604068.659	0.0		
L0004186	504358.332	3604100.805	0.0		
L0004187	504318.862	3604131.498	0.0		
L0004188	504279.391	3604162.192	0.0		
L0004189	504239.921	3604192.885	0.0		
L0004190	504200.451	3604223.579	0.0		
L0004191	504160.980	3604254.273	0.0		
L0004192	504121.510	3604284.966	0.0		
L0004193	504082.040	3604315.660	0.0		
L0004194	504042.569	3604346.353	0.0		
L0004195	504003.099	3604377.047	0.0		
L0004196	503963.629	3604407.740	0.0		
L0004197	503924.158	3604438.434	0.0		
L0004198	503884.688	3604469.127	0.0		
L0004199	503845.218	3604499.821	0.0		
L0004200	503805.747	3604530.514	0.0		
L0004201	503766.277	3604561.208	0.0		

** End of LINE VOLUME Source ID = SR_125_A

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SR_125_B

** DESCRSRC SR-125 Lonestar to Birch

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 118.2719418

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 16

** 503732.02, 3604588.33, 0.00, 4.27, 23.26

** 503641.63, 3604670.27, 0.00, 4.27, 23.26

** 503499.13, 3604838.92, 0.00, 4.27, 23.26

** 503415.86, 3604960.59, 0.00, 4.27, 23.26

** 503332.13, 3605119.23, 0.00, 4.27, 23.26

** 503287.01, 3605229.39, 0.00, 4.27, 23.26

** 503244.01, 3605347.27, 0.00, 4.27, 23.26

** 503209.31, 3605475.96, 0.00, 4.27, 23.26

** 503184.71, 3605619.41, 0.00, 4.27, 23.26

** 503173.79, 3605712.19, 0.00, 4.27, 23.26

** 503185.97, 3606077.43, 0.00, 4.27, 23.26

** 503345.61, 3606634.50, 0.00, 4.27, 23.26

** 503362.60, 3606848.49, 0.00, 4.27, 23.26

** 503365.99, 3607001.34, 0.00, 4.27, 23.26

** 503352.41, 3607188.16, 0.00, 4.27, 23.26

** 503315.04, 3607358.00, 0.00, 4.27, 23.26

** -----

LOCATION	VOLUME				
L0004202	503713.494	3604605.122	0.0		
L0004203	503676.452	3604638.706	0.0		
L0004204	503639.696	3604672.567	0.0		
L0004205	503607.425	3604710.758	0.0		
L0004206	503575.154	3604748.949	0.0		
L0004207	503542.883	3604787.140	0.0		
L0004208	503510.612	3604825.331	0.0		
L0004209	503480.937	3604865.500	0.0		
L0004210	503452.697	3604906.762	0.0		
L0004211	503424.457	3604948.023	0.0		
L0004212	503399.626	3604991.341	0.0		

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0004213	503376.288	3605035.561	0.0	
L0004214	503352.950	3605079.780	0.0	
L0004215	503330.086	3605124.220	0.0	
L0004216	503311.133	3605170.489	0.0	
L0004217	503292.181	3605216.758	0.0	
L0004218	503274.550	3605263.539	0.0	
L0004219	503257.416	3605310.511	0.0	
L0004220	503241.176	3605357.767	0.0	
L0004221	503228.160	3605406.043	0.0	
L0004222	503215.143	3605454.319	0.0	
L0004223	503204.646	3605503.149	0.0	
L0004224	503196.195	3605552.430	0.0	
L0004225	503187.744	3605601.710	0.0	
L0004226	503180.965	3605651.232	0.0	
L0004227	503175.123	3605700.890	0.0	
L0004228	503175.080	3605750.790	0.0	
L0004229	503176.746	3605800.763	0.0	
L0004230	503178.411	3605850.735	0.0	
L0004231	503180.077	3605900.707	0.0	
L0004232	503181.742	3605950.680	0.0	
L0004233	503183.407	3606000.652	0.0	
L0004234	503185.073	3606050.624	0.0	
L0004235	503192.351	3606099.712	0.0	
L0004236	503206.126	3606147.777	0.0	
L0004237	503219.900	3606195.843	0.0	
L0004238	503233.675	3606243.908	0.0	
L0004239	503247.450	3606291.973	0.0	
L0004240	503261.225	3606340.038	0.0	
L0004241	503274.999	3606388.103	0.0	
L0004242	503288.774	3606436.168	0.0	
L0004243	503302.549	3606484.233	0.0	
L0004244	503316.324	3606532.298	0.0	
L0004245	503330.098	3606580.364	0.0	
L0004246	503343.873	3606628.429	0.0	
L0004247	503349.069	3606678.047	0.0	
L0004248	503353.024	3606727.891	0.0	
L0004249	503356.980	3606777.734	0.0	
L0004250	503360.936	3606827.577	0.0	
L0004251	503363.241	3606877.504	0.0	
L0004252	503364.351	3606927.492	0.0	
L0004253	503365.462	3606977.480	0.0	
L0004254	503364.097	3607027.405	0.0	
L0004255	503360.470	3607077.273	0.0	
L0004256	503356.843	3607127.142	0.0	
L0004257	503353.217	3607177.010	0.0	
L0004258	503344.065	3607226.074	0.0	
L0004259	503333.322	3607274.906	0.0	
L0004260	503322.579	3607323.738	0.0	

```

** End of LINE VOLUME Source ID = SR_125_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_G
** DESCRSRC Otay Mesa Rd La Media to Peter Piper
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 108.1689609
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2

```

```

** 503536.85, 3603371.47, 0.00, 4.27, 18.60
** 504346.71, 3603357.97, 0.00, 4.27, 18.60
** -----
LOCATION L0004382      VOLUME  503556.849 3603371.139 0.0
LOCATION L0004383      VOLUME  503596.843 3603370.472 0.0
LOCATION L0004384      VOLUME  503636.838 3603369.805 0.0
LOCATION L0004385      VOLUME  503676.832 3603369.138 0.0
LOCATION L0004386      VOLUME  503716.827 3603368.472 0.0
LOCATION L0004387      VOLUME  503756.821 3603367.805 0.0
LOCATION L0004388      VOLUME  503796.815 3603367.138 0.0
LOCATION L0004389      VOLUME  503836.810 3603366.471 0.0
LOCATION L0004390      VOLUME  503876.804 3603365.805 0.0
LOCATION L0004391      VOLUME  503916.799 3603365.138 0.0
LOCATION L0004392      VOLUME  503956.793 3603364.471 0.0
LOCATION L0004393      VOLUME  503996.788 3603363.804 0.0
LOCATION L0004394      VOLUME  504036.782 3603363.138 0.0
LOCATION L0004395      VOLUME  504076.777 3603362.471 0.0
LOCATION L0004396      VOLUME  504116.771 3603361.804 0.0
LOCATION L0004397      VOLUME  504156.765 3603361.137 0.0
LOCATION L0004398      VOLUME  504196.760 3603360.471 0.0
LOCATION L0004399      VOLUME  504236.754 3603359.804 0.0
LOCATION L0004400      VOLUME  504276.749 3603359.137 0.0
LOCATION L0004401      VOLUME  504316.743 3603358.470 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_G
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_H
** DESCRSRC Otay Mesa Rd Peter Piper to SR-125
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 48.6760324
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 504346.91, 3603357.30, 0.00, 4.27, 18.60
** 504818.32, 3603354.57, 0.00, 4.27, 18.60
** -----
LOCATION L0004402      VOLUME  504366.905 3603357.187 0.0
LOCATION L0004403      VOLUME  504406.904 3603356.956 0.0
LOCATION L0004404      VOLUME  504446.903 3603356.724 0.0
LOCATION L0004405      VOLUME  504486.903 3603356.492 0.0
LOCATION L0004406      VOLUME  504526.902 3603356.260 0.0
LOCATION L0004407      VOLUME  504566.901 3603356.028 0.0
LOCATION L0004408      VOLUME  504606.901 3603355.796 0.0
LOCATION L0004409      VOLUME  504646.900 3603355.565 0.0
LOCATION L0004410      VOLUME  504686.899 3603355.333 0.0
LOCATION L0004411      VOLUME  504726.899 3603355.101 0.0
LOCATION L0004412      VOLUME  504766.898 3603354.869 0.0
LOCATION L0004413      VOLUME  504806.897 3603354.637 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_H
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = AIRWAY_A
** DESCRSRC Airway Rd Cactus to Heritage
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 127.6393739
** Vertical Dimension = 12.80

```

```

** SZINIT = 5.95
** Nodes = 11
** 501090.80, 3602603.27, 0.00, 4.27, 18.60
** 501009.15, 3602602.87, 0.00, 4.27, 18.60
** 500877.77, 3602601.66, 0.00, 4.27, 18.60
** 500791.49, 3602586.75, 0.00, 4.27, 18.60
** 500741.51, 3602568.32, 0.00, 4.27, 18.60
** 500680.50, 3602535.50, 0.00, 4.27, 18.60
** 500608.78, 3602491.74, 0.00, 4.27, 18.60
** 500547.64, 3602469.68, 0.00, 4.27, 18.60
** 500476.05, 3602454.77, 0.00, 4.27, 18.60
** 500380.83, 3602450.58, 0.00, 4.27, 18.60
** 500285.92, 3602449.79, 0.00, 4.27, 18.60

```

```

** -----
LOCATION L0004458      VOLUME  501070.800 3602603.168 0.0
LOCATION L0004459      VOLUME  501030.800 3602602.972 0.0
LOCATION L0004460      VOLUME  500990.801 3602602.697 0.0
LOCATION L0004461      VOLUME  500950.803 3602602.330 0.0
LOCATION L0004462      VOLUME  500910.805 3602601.962 0.0
LOCATION L0004463      VOLUME  500870.908 3602600.474 0.0
LOCATION L0004464      VOLUME  500831.492 3602593.663 0.0
LOCATION L0004465      VOLUME  500792.076 3602586.851 0.0
LOCATION L0004466      VOLUME  500754.518 3602573.118 0.0
LOCATION L0004467      VOLUME  500718.494 3602555.938 0.0
LOCATION L0004468      VOLUME  500683.269 3602536.986 0.0
LOCATION L0004469      VOLUME  500649.036 3602516.303 0.0
LOCATION L0004470      VOLUME  500614.888 3602495.472 0.0
LOCATION L0004471      VOLUME  500577.886 3602480.595 0.0
LOCATION L0004472      VOLUME  500539.961 3602468.078 0.0
LOCATION L0004473      VOLUME  500500.801 3602459.922 0.0
LOCATION L0004474      VOLUME  500461.346 3602454.122 0.0
LOCATION L0004475      VOLUME  500421.385 3602452.365 0.0
LOCATION L0004476      VOLUME  500381.424 3602450.609 0.0
LOCATION L0004477      VOLUME  500341.425 3602450.254 0.0
LOCATION L0004478      VOLUME  500301.427 3602449.920 0.0

```

```

** End of LINE VOLUME Source ID = AIRWAY_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SIMPRE_A
** DESCRSRC Simpre Viva Rd Paseo de las Americas to SR-905
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 155.7633037
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 6
** 506013.40, 3602159.82, 0.00, 4.27, 18.60
** 505963.36, 3602159.59, 0.00, 4.27, 18.60
** 505900.59, 3602152.40, 0.00, 4.27, 18.60
** 505861.29, 3602142.26, 0.00, 4.27, 18.60
** 505820.91, 3602118.56, 0.00, 4.27, 18.60
** 505643.93, 3601999.70, 0.00, 4.27, 18.60

```

```

** -----
LOCATION L0004428      VOLUME  505993.399 3602159.729 0.0
LOCATION L0004429      VOLUME  505953.464 3602158.452 0.0
LOCATION L0004430      VOLUME  505913.724 3602153.901 0.0
LOCATION L0004431      VOLUME  505874.659 3602145.706 0.0
LOCATION L0004432      VOLUME  505838.700 3602128.999 0.0
LOCATION L0004433      VOLUME  505804.828 3602107.757 0.0

```

```

LOCATION L0004434      VOLUME    505771.622 3602085.456 0.0
LOCATION L0004435      VOLUME    505738.415 3602063.156 0.0
LOCATION L0004436      VOLUME    505705.208 3602040.855 0.0
LOCATION L0004437      VOLUME    505672.001 3602018.555 0.0
** End of LINE VOLUME Source ID = SIMPRE_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SIMPRE_B
** DESCRSRC Simpre Viva Rd I-905 to Otay Center
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 139.5379596
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 6
** 505643.80, 3601999.73, 0.00, 4.27, 18.60
** 505411.63, 3601836.76, 0.00, 4.27, 18.60
** 505322.64, 3601784.06, 0.00, 4.27, 18.60
** 505279.51, 3601764.21, 0.00, 4.27, 18.60
** 505183.00, 3601738.88, 0.00, 4.27, 18.60
** 505146.03, 3601738.88, 0.00, 4.27, 18.60
** -----
LOCATION L0004414      VOLUME    505627.431 3601988.237 0.0
LOCATION L0004415      VOLUME    505594.691 3601965.257 0.0
LOCATION L0004416      VOLUME    505561.951 3601942.277 0.0
LOCATION L0004417      VOLUME    505529.211 3601919.296 0.0
LOCATION L0004418      VOLUME    505496.471 3601896.316 0.0
LOCATION L0004419      VOLUME    505463.731 3601873.336 0.0
LOCATION L0004420      VOLUME    505430.991 3601850.356 0.0
LOCATION L0004421      VOLUME    505397.566 3601828.436 0.0
LOCATION L0004422      VOLUME    505363.150 3601808.051 0.0
LOCATION L0004423      VOLUME    505328.734 3601787.666 0.0
LOCATION L0004424      VOLUME    505292.739 3601770.292 0.0
LOCATION L0004425      VOLUME    505254.906 3601757.747 0.0
LOCATION L0004426      VOLUME    505216.216 3601747.595 0.0
LOCATION L0004427      VOLUME    505177.341 3601738.878 0.0
** End of LINE VOLUME Source ID = SIMPRE_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_VLLY_A
** DESCRSRC Otay Valley Rd Main to Avenida De Las Vista
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 188.213992
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 6
** 499484.79, 3606165.58, 0.00, 4.27, 23.26
** 499736.78, 3605436.57, 0.00, 4.27, 23.26
** 499824.09, 3605382.01, 0.00, 4.27, 23.26
** 499917.94, 3605161.55, 0.00, 4.27, 23.26
** 499922.31, 3604862.52, 0.00, 4.27, 23.26
** 499963.78, 3604674.81, 0.00, 4.27, 23.26
** -----
LOCATION L0004479      VOLUME    499492.958 3606141.952 0.0
LOCATION L0004480      VOLUME    499509.292 3606094.695 0.0
LOCATION L0004481      VOLUME    499525.627 3606047.439 0.0
LOCATION L0004482      VOLUME    499541.961 3606000.182 0.0

```

LOCATION	VOLUME				
L0004483	499558.296	3605952.926	0.0		
L0004484	499574.631	3605905.669	0.0		
L0004485	499590.965	3605858.413	0.0		
L0004486	499607.300	3605811.156	0.0		
L0004487	499623.635	3605763.900	0.0		
L0004488	499639.969	3605716.643	0.0		
L0004489	499656.304	3605669.387	0.0		
L0004490	499672.639	3605622.130	0.0		
L0004491	499688.973	3605574.874	0.0		
L0004492	499705.308	3605527.617	0.0		
L0004493	499721.643	3605480.361	0.0		
L0004494	499739.892	3605434.628	0.0		
L0004495	499782.291	3605408.129	0.0		
L0004496	499824.366	3605381.350	0.0		
L0004497	499843.952	3605335.346	0.0		
L0004498	499863.538	3605289.342	0.0		
L0004499	499883.124	3605243.337	0.0		
L0004500	499902.710	3605197.333	0.0		
L0004501	499918.105	3605150.442	0.0		
L0004502	499918.834	3605100.447	0.0		
L0004503	499919.564	3605050.453	0.0		
L0004504	499920.294	3605000.458	0.0		
L0004505	499921.024	3604950.463	0.0		
L0004506	499921.754	3604900.469	0.0		
L0004507	499924.907	3604850.756	0.0		
L0004508	499935.694	3604801.934	0.0		
L0004509	499946.480	3604753.111	0.0		
L0004510	499957.267	3604704.288	0.0		

** End of LINE VOLUME Source ID = OTAY_VLLY_A

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = OTAYVLLY_B

** DESCRSRC Otay Valley Rd - Avenida De Las Vistas to Datsun St

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 167.6618894

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 3

** 499963.81, 3604674.58, 0.00, 4.27, 23.26

** 500127.01, 3604037.48, 0.00, 4.27, 23.26

** 500192.82, 3603832.01, 0.00, 4.27, 23.26

** -----

L0004511	499970.016	3604650.363	0.0		
L0004512	499982.424	3604601.927	0.0		
L0004513	499994.831	3604553.491	0.0		
L0004514	500007.238	3604505.054	0.0		
L0004515	500019.645	3604456.618	0.0		
L0004516	500032.052	3604408.182	0.0		
L0004517	500044.459	3604359.746	0.0		
L0004518	500056.867	3604311.310	0.0		
L0004519	500069.274	3604262.874	0.0		
L0004520	500081.681	3604214.437	0.0		
L0004521	500094.088	3604166.001	0.0		
L0004522	500106.495	3604117.565	0.0		
L0004523	500118.903	3604069.129	0.0		
L0004524	500132.296	3604020.977	0.0		
L0004525	500147.548	3603973.360	0.0		
L0004526	500162.800	3603925.743	0.0		

```

LOCATION L0004527      VOLUME    500178.052 3603878.126 0.0
** End of LINE VOLUME Source ID = OTAYVLLY_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = BRITANNIA
** DESCRSRC Britannia Rd I-905 to Airway Rd
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 112.4957193
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501899.95, 3602983.67, 0.00, 0.00, 18.60
** 501897.37, 3602585.68, 0.00, 0.00, 18.60
** -----
LOCATION L0004438      VOLUME    501899.819 3602963.673 0.0
LOCATION L0004439      VOLUME    501899.560 3602923.674 0.0
LOCATION L0004440      VOLUME    501899.300 3602883.675 0.0
LOCATION L0004441      VOLUME    501899.041 3602843.676 0.0
LOCATION L0004442      VOLUME    501898.781 3602803.677 0.0
LOCATION L0004443      VOLUME    501898.521 3602763.677 0.0
LOCATION L0004444      VOLUME    501898.262 3602723.678 0.0
LOCATION L0004445      VOLUME    501898.002 3602683.679 0.0
LOCATION L0004446      VOLUME    501897.743 3602643.680 0.0
LOCATION L0004447      VOLUME    501897.483 3602603.681 0.0
** End of LINE VOLUME Source ID = BRITANNIA
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LA_MEDIA
** DESCRSRC La Media Rd I-905 to Airway Rd
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 163.335131
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503523.52, 3602979.00, 0.00, 4.27, 18.60
** 503531.27, 3602574.83, 0.00, 4.27, 18.60
** -----
LOCATION L0004448      VOLUME    503523.903 3602959.008 0.0
LOCATION L0004449      VOLUME    503524.671 3602919.015 0.0
LOCATION L0004450      VOLUME    503525.438 3602879.023 0.0
LOCATION L0004451      VOLUME    503526.205 3602839.030 0.0
LOCATION L0004452      VOLUME    503526.973 3602799.038 0.0
LOCATION L0004453      VOLUME    503527.740 3602759.045 0.0
LOCATION L0004454      VOLUME    503528.508 3602719.052 0.0
LOCATION L0004455      VOLUME    503529.275 3602679.060 0.0
LOCATION L0004456      VOLUME    503530.042 3602639.067 0.0
LOCATION L0004457      VOLUME    503530.810 3602599.074 0.0
** End of LINE VOLUME Source ID = LA_MEDIA
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HERITAGE_A
** DESCRSRC Heritage Rd 905 to Airway
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 112.4957193

```



```

** Vertical Dimension = 4.27
** SZINIT = 1.98
** Nodes = 2
** 500285.82, 3602449.97, 0.00, 12.80, 18.60
** 500288.14, 3602980.60, 0.00, 12.80, 18.60
** -----
LOCATION L0004528      VOLUME    500285.911 3602469.965 0.0
LOCATION L0004529      VOLUME    500286.086 3602509.965 0.0
LOCATION L0004530      VOLUME    500286.260 3602549.964 0.0
LOCATION L0004531      VOLUME    500286.435 3602589.964 0.0
LOCATION L0004532      VOLUME    500286.610 3602629.963 0.0
LOCATION L0004533      VOLUME    500286.784 3602669.963 0.0
LOCATION L0004534      VOLUME    500286.959 3602709.963 0.0
LOCATION L0004535      VOLUME    500287.133 3602749.962 0.0
LOCATION L0004536      VOLUME    500287.308 3602789.962 0.0
LOCATION L0004537      VOLUME    500287.482 3602829.962 0.0
LOCATION L0004538      VOLUME    500287.657 3602869.961 0.0
LOCATION L0004539      VOLUME    500287.831 3602909.961 0.0
LOCATION L0004540      VOLUME    500288.006 3602949.960 0.0
** End of LINE VOLUME Source ID = HERITAGE_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SEMPRE_C
** DESCRSRC Sempre Viva Rd - Britannia to LA Media
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 113.5774089
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501891.81, 3601775.81, 0.00, 4.27, 18.60
** 503522.07, 3601770.85, 0.00, 4.27, 18.60
** -----
LOCATION L0004549      VOLUME    501911.810 3601775.750 0.0
LOCATION L0004550      VOLUME    501951.810 3601775.629 0.0
LOCATION L0004551      VOLUME    501991.810 3601775.507 0.0
LOCATION L0004552      VOLUME    502031.810 3601775.385 0.0
LOCATION L0004553      VOLUME    502071.810 3601775.263 0.0
LOCATION L0004554      VOLUME    502111.810 3601775.142 0.0
LOCATION L0004555      VOLUME    502151.809 3601775.020 0.0
LOCATION L0004556      VOLUME    502191.809 3601774.898 0.0
LOCATION L0004557      VOLUME    502231.809 3601774.776 0.0
LOCATION L0004558      VOLUME    502271.809 3601774.655 0.0
LOCATION L0004559      VOLUME    502311.809 3601774.533 0.0
LOCATION L0004560      VOLUME    502351.808 3601774.411 0.0
LOCATION L0004561      VOLUME    502391.808 3601774.289 0.0
LOCATION L0004562      VOLUME    502431.808 3601774.167 0.0
LOCATION L0004563      VOLUME    502471.808 3601774.046 0.0
LOCATION L0004564      VOLUME    502511.808 3601773.924 0.0
LOCATION L0004565      VOLUME    502551.807 3601773.802 0.0
LOCATION L0004566      VOLUME    502591.807 3601773.680 0.0
LOCATION L0004567      VOLUME    502631.807 3601773.559 0.0
LOCATION L0004568      VOLUME    502671.807 3601773.437 0.0
LOCATION L0004569      VOLUME    502711.807 3601773.315 0.0
LOCATION L0004570      VOLUME    502751.807 3601773.193 0.0
LOCATION L0004571      VOLUME    502791.806 3601773.071 0.0
LOCATION L0004572      VOLUME    502831.806 3601772.950 0.0
LOCATION L0004573      VOLUME    502871.806 3601772.828 0.0
LOCATION L0004574      VOLUME    502911.806 3601772.706 0.0

```

LOCATION	L0004575	VOLUME	502951.806	3601772.584	0.0
LOCATION	L0004576	VOLUME	502991.805	3601772.463	0.0
LOCATION	L0004577	VOLUME	503031.805	3601772.341	0.0
LOCATION	L0004578	VOLUME	503071.805	3601772.219	0.0
LOCATION	L0004579	VOLUME	503111.805	3601772.097	0.0
LOCATION	L0004580	VOLUME	503151.805	3601771.976	0.0
LOCATION	L0004581	VOLUME	503191.805	3601771.854	0.0
LOCATION	L0004582	VOLUME	503231.804	3601771.732	0.0
LOCATION	L0004583	VOLUME	503271.804	3601771.610	0.0
LOCATION	L0004584	VOLUME	503311.804	3601771.488	0.0
LOCATION	L0004585	VOLUME	503351.804	3601771.367	0.0
LOCATION	L0004586	VOLUME	503391.804	3601771.245	0.0
LOCATION	L0004587	VOLUME	503431.803	3601771.123	0.0
LOCATION	L0004588	VOLUME	503471.803	3601771.001	0.0
LOCATION	L0004589	VOLUME	503511.803	3601770.880	0.0

** End of LINE VOLUME Source ID = SEMPRE_C

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = LA_MEDIA_C

** DESCRSRC La Media Otay Rd to Aviator

** PREFIX

** Length of Side = 40.00

** Configuration = Adjacent

** Emission Rate = 139.5379596

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 2

** 503536.96, 3603372.70, 0.00, 4.27, 18.60

** 503531.06, 3604200.29, 0.00, 4.27, 18.60

LOCATION	L0004590	VOLUME	503536.817	3603392.699	0.0
LOCATION	L0004591	VOLUME	503536.532	3603432.698	0.0
LOCATION	L0004592	VOLUME	503536.246	3603472.697	0.0
LOCATION	L0004593	VOLUME	503535.961	3603512.696	0.0
LOCATION	L0004594	VOLUME	503535.676	3603552.695	0.0
LOCATION	L0004595	VOLUME	503535.391	3603592.694	0.0
LOCATION	L0004596	VOLUME	503535.106	3603632.693	0.0
LOCATION	L0004597	VOLUME	503534.820	3603672.692	0.0
LOCATION	L0004598	VOLUME	503534.535	3603712.691	0.0
LOCATION	L0004599	VOLUME	503534.250	3603752.690	0.0
LOCATION	L0004600	VOLUME	503533.965	3603792.689	0.0
LOCATION	L0004601	VOLUME	503533.679	3603832.688	0.0
LOCATION	L0004602	VOLUME	503533.394	3603872.687	0.0
LOCATION	L0004603	VOLUME	503533.109	3603912.686	0.0
LOCATION	L0004604	VOLUME	503532.824	3603952.685	0.0
LOCATION	L0004605	VOLUME	503532.539	3603992.684	0.0
LOCATION	L0004606	VOLUME	503532.253	3604032.683	0.0
LOCATION	L0004607	VOLUME	503531.968	3604072.682	0.0
LOCATION	L0004608	VOLUME	503531.683	3604112.681	0.0
LOCATION	L0004609	VOLUME	503531.398	3604152.680	0.0
LOCATION	L0004610	VOLUME	503531.113	3604192.679	0.0

** End of LINE VOLUME Source ID = LA_MEDIA_C

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = LA_MEDIA_D

** DESCRSRC La Media Aviator to Lone Star

** PREFIX

** Length of Side = 40.00

** Configuration = Adjacent

** Emission Rate = 201.1942673


```

** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503529.34, 3604201.46, 0.00, 4.27, 18.60
** 503539.23, 3604587.25, 0.00, 4.27, 18.60
** -----
LOCATION L0004622      VOLUME   503529.852 3604221.454 0.0
LOCATION L0004623      VOLUME   503530.878 3604261.441 0.0
LOCATION L0004624      VOLUME   503531.903 3604301.428 0.0
LOCATION L0004625      VOLUME   503532.929 3604341.415 0.0
LOCATION L0004626      VOLUME   503533.955 3604381.402 0.0
LOCATION L0004627      VOLUME   503534.980 3604421.388 0.0
LOCATION L0004628      VOLUME   503536.006 3604461.375 0.0
LOCATION L0004629      VOLUME   503537.032 3604501.362 0.0
LOCATION L0004630      VOLUME   503538.057 3604541.349 0.0
LOCATION L0004631      VOLUME   503539.083 3604581.336 0.0
** End of LINE VOLUME Source ID = LA_MEDIA_D
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LONE_STAR_A
** DESCRSRC Lone Star Rd - Peter Piper to 125
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 118.985857
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503539.39, 3604587.02, 0.00, 4.27, 18.60
** 503732.34, 3604587.72, 0.00, 4.27, 18.60
** -----
LOCATION L0004632      VOLUME   503559.388 3604587.091 0.0
LOCATION L0004633      VOLUME   503599.388 3604587.237 0.0
LOCATION L0004634      VOLUME   503639.388 3604587.384 0.0
LOCATION L0004635      VOLUME   503679.387 3604587.530 0.0
LOCATION L0004636      VOLUME   503719.387 3604587.677 0.0
** End of LINE VOLUME Source ID = LONE_STAR_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LONE_STAR_B
** DESCRSRC Lone Star Rd East of 125
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 117.9041674
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503732.81, 3604587.63, 0.00, 4.27, 18.60
** 505151.76, 3604561.51, 0.00, 4.27, 18.60
** -----
LOCATION L0004637      VOLUME   503752.809 3604587.259 0.0
LOCATION L0004638      VOLUME   503792.802 3604586.523 0.0
LOCATION L0004639      VOLUME   503832.796 3604585.787 0.0
LOCATION L0004640      VOLUME   503872.789 3604585.051 0.0
LOCATION L0004641      VOLUME   503912.782 3604584.315 0.0
LOCATION L0004642      VOLUME   503952.775 3604583.579 0.0
LOCATION L0004643      VOLUME   503992.769 3604582.843 0.0
LOCATION L0004644      VOLUME   504032.762 3604582.107 0.0
LOCATION L0004645      VOLUME   504072.755 3604581.371 0.0

```

LOCATION	VOLUME				
L0004646	504112.748	3604580.635	0.0		
L0004647	504152.741	3604579.899	0.0		
L0004648	504192.735	3604579.163	0.0		
L0004649	504232.728	3604578.427	0.0		
L0004650	504272.721	3604577.691	0.0		
L0004651	504312.714	3604576.955	0.0		
L0004652	504352.708	3604576.219	0.0		
L0004653	504392.701	3604575.483	0.0		
L0004654	504432.694	3604574.747	0.0		
L0004655	504472.687	3604574.011	0.0		
L0004656	504512.680	3604573.275	0.0		
L0004657	504552.674	3604572.539	0.0		
L0004658	504592.667	3604571.803	0.0		
L0004659	504632.660	3604571.067	0.0		
L0004660	504672.653	3604570.331	0.0		
L0004661	504712.647	3604569.595	0.0		
L0004662	504752.640	3604568.859	0.0		
L0004663	504792.633	3604568.123	0.0		
L0004664	504832.626	3604567.387	0.0		
L0004665	504872.620	3604566.651	0.0		
L0004666	504912.613	3604565.915	0.0		
L0004667	504952.606	3604565.179	0.0		
L0004668	504992.599	3604564.443	0.0		
L0004669	505032.592	3604563.707	0.0		
L0004670	505072.586	3604562.971	0.0		
L0004671	505112.579	3604562.235	0.0		

** End of LINE VOLUME Source ID = LONE_STAR_B

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = AUIRWAY_A

** DESCRSRC Airway Rd La Media to Harvest

** PREFIX

** Length of Side = 40.00

** Configuration = Adjacent

** Emission Rate = 117.9041674

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 2

** 503531.93, 3602573.02, 0.00, 4.27, 18.60

** 504214.09, 3602560.00, 0.00, 4.27, 18.60

LOCATION	VOLUME				
L0004691	503551.931	3602572.634	0.0		
L0004692	503591.924	3602571.871	0.0		
L0004693	503631.916	3602571.108	0.0		
L0004694	503671.909	3602570.345	0.0		
L0004695	503711.902	3602569.581	0.0		
L0004696	503751.895	3602568.818	0.0		
L0004697	503791.887	3602568.055	0.0		
L0004698	503831.880	3602567.292	0.0		
L0004699	503871.873	3602566.528	0.0		
L0004700	503911.866	3602565.765	0.0		
L0004701	503951.858	3602565.002	0.0		
L0004702	503991.851	3602564.239	0.0		
L0004703	504031.844	3602563.475	0.0		
L0004704	504071.836	3602562.712	0.0		
L0004705	504111.829	3602561.949	0.0		
L0004706	504151.822	3602561.186	0.0		
L0004707	504191.815	3602560.422	0.0		

** End of LINE VOLUME Source ID = AUIRWAY_A

** Source Parameters **

```

** LINE VOLUME Source ID = I_905_A
SRCPARAM L0003988 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003989 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003990 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003991 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003992 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003993 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003994 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003995 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003996 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003997 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003998 6.2016870917 4.27 23.26 5.95
SRCPARAM L0003999 6.2016870917 4.27 23.26 5.95

```

```

** -----
** LINE VOLUME Source ID = I_905_B
SRCPARAM L0004000 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004001 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004002 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004003 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004004 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004005 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004006 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004007 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004008 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004009 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004010 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004011 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004012 8.4881728857 4.27 23.26 5.95
SRCPARAM L0004013 8.4881728857 4.27 23.26 5.95

```

```

** -----
** LINE VOLUME Source ID = I_905_C
SRCPARAM L0004014 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004015 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004016 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004017 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004018 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004019 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004020 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004021 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004022 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004023 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004024 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004025 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004026 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004027 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004028 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004029 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004030 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004031 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004032 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004033 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004034 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004035 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004036 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004037 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004038 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004039 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004040 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004041 3.7730502946 4.27 23.26 5.95
SRCPARAM L0004042 3.7730502946 4.27 23.26 5.95

```

SRCPARAM	L0004043	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004044	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004045	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004046	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004047	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004048	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004049	3.7730502946	4.27	23.26	5.95
SRCPARAM	L0004050	3.7730502946	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_905_H

SRCPARAM	L0003123	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003124	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003125	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003126	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003127	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003128	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003129	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003130	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003131	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003132	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003133	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003134	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003135	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003136	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003137	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003138	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003139	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003140	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003141	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003142	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003143	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003144	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003145	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003146	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003147	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003148	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003149	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003150	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003151	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003152	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003153	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003154	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003155	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003156	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003157	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003158	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003159	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003160	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003161	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003162	6.2194514244	0.00	23.26	5.95
SRCPARAM	L0003163	6.2194514244	0.00	23.26	5.95

**

** LINE VOLUME Source ID = I_805_C

SRCPARAM	L0003928	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003929	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003930	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003931	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003932	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003933	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003934	7.6645435143	4.27	23.26	5.95

SRCPARAM	L0003935	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003936	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003937	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003938	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003939	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003940	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003941	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003942	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003943	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003944	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003945	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003946	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003947	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003948	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003949	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003950	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003951	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003952	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003953	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003954	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003955	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003956	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003957	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003958	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003959	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003960	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003961	7.6645435143	4.27	23.26	5.95
SRCPARAM	L0003962	7.6645435143	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_D

SRCPARAM	L0003963	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003964	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003965	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003966	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003967	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003968	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003969	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003970	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003971	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003972	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003973	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003974	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003975	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003976	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003977	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003978	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003979	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003980	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003981	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003982	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003983	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003984	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003985	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003986	12.138288116	4.27	23.26	5.95
SRCPARAM	L0003987	12.138288116	4.27	23.26	5.95

**

** LINE VOLUME Source ID = OTAY_MEASA_A

SRCPARAM	L0004261	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004262	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004263	8.43717895	4.27	18.60	5.95

SRCPARAM	L0004264	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004265	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004266	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004267	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004268	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004269	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004270	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004271	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004272	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004273	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004274	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004275	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004276	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004277	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004278	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004279	8.43717895	4.27	18.60	5.95
SRCPARAM	L0004280	8.43717895	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_B

SRCPARAM	L0004281	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004282	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004283	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004284	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004285	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004286	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004287	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004288	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004289	7.788165185	4.27	18.60	5.95
SRCPARAM	L0004290	7.788165185	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MES_C

SRCPARAM	L0004291	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004292	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004293	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004294	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004295	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004296	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004297	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004298	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004299	9.086192715	4.27	18.60	5.95
SRCPARAM	L0004300	9.086192715	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_D

SRCPARAM	L0004301	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004302	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004303	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004304	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004305	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004306	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004307	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004308	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004309	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004310	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004311	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004312	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004313	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004314	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004315	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004316	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004317	8.004503105	4.27	18.60	5.95

SRCPARAM	L0004318	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004319	8.004503105	4.27	18.60	5.95
SRCPARAM	L0004320	8.004503105	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_E

SRCPARAM	L0004321	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004322	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004323	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004324	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004325	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004326	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004327	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004328	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004329	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004330	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004331	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004332	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004333	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004334	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004335	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004336	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004337	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004338	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004339	5.138025645	4.27	18.60	5.95
SRCPARAM	L0004340	5.138025645	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_F

SRCPARAM	L0004341	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004342	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004343	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004344	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004345	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004346	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004347	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004348	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004349	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004350	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004351	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004352	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004353	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004354	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004355	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004356	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004357	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004358	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004359	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004360	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004361	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004362	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004363	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004364	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004365	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004366	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004367	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004368	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004369	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004370	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004371	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004372	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004373	3.0867727878	4.27	18.60	5.95

SRCPARAM	L0004374	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004375	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004376	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004377	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004378	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004379	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004380	3.0867727878	4.27	18.60	5.95
SRCPARAM	L0004381	3.0867727878	4.27	18.60	5.95

**

** LINE VOLUME Source ID = I_905_D

SRCPARAM	L0004051	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004052	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004053	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004054	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004055	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004056	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004057	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004058	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004059	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004060	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004061	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004062	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004063	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004064	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004065	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004066	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004067	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004068	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004069	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004070	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004071	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004072	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004073	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004074	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004075	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004076	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004077	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004078	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004079	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004080	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004081	6.0216308406	4.27	23.26	1.98
SRCPARAM	L0004082	6.0216308406	4.27	23.26	1.98

**

** LINE VOLUME Source ID = I_905_E

SRCPARAM	L0004083	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004084	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004085	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004086	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004087	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004088	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004089	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004090	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004091	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004092	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004093	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004094	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004095	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004096	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004097	13.9172889313	4.27	23.26	5.95
SRCPARAM	L0004098	13.9172889313	4.27	23.26	5.95


```

** -----
** LINE VOLUME Source ID = I_905_I
SRCPARAM L0004099      16.1536822      4.27      23.26      5.95
SRCPARAM L0004100      16.1536822      4.27      23.26      5.95
SRCPARAM L0004101      16.1536822      4.27      23.26      5.95
SRCPARAM L0004102      16.1536822      4.27      23.26      5.95
SRCPARAM L0004103      16.1536822      4.27      23.26      5.95
SRCPARAM L0004104      16.1536822      4.27      23.26      5.95
SRCPARAM L0004105      16.1536822      4.27      23.26      5.95
SRCPARAM L0004106      16.1536822      4.27      23.26      5.95
SRCPARAM L0004107      16.1536822      4.27      23.26      5.95
SRCPARAM L0004108      16.1536822      4.27      23.26      5.95
SRCPARAM L0004109      16.1536822      4.27      23.26      5.95
SRCPARAM L0004110      16.1536822      4.27      23.26      5.95
SRCPARAM L0004111      16.1536822      4.27      23.26      5.95
SRCPARAM L0004112      16.1536822      4.27      23.26      5.95
SRCPARAM L0004113      16.1536822      4.27      23.26      5.95
SRCPARAM L0004114      16.1536822      4.27      23.26      5.95
** -----
** LINE VOLUME Source ID = I_905_F
SRCPARAM L0004115      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004116      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004117      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004118      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004119      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004120      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004121      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004122      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004123      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004124      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004125      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004126      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004127      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004128      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004129      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004130      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004131      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004132      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004133      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004134      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004135      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004136      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004137      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004138      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004139      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004140      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004141      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004142      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004143      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004144      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004145      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004146      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004147      8.6026138324      4.27      23.26      5.95
SRCPARAM L0004148      8.6026138324      4.27      23.26      5.95
** -----
** LINE VOLUME Source ID = I_905_G
SRCPARAM L0003164      28.3330564889      4.27      23.26      5.95
SRCPARAM L0003165      28.3330564889      4.27      23.26      5.95
SRCPARAM L0003166      28.3330564889      4.27      23.26      5.95
SRCPARAM L0003167      28.3330564889      4.27      23.26      5.95

```

SRCPARAM	L0003168	28.3330564889	4.27	23.26	5.95
SRCPARAM	L0003169	28.3330564889	4.27	23.26	5.95
SRCPARAM	L0003170	28.3330564889	4.27	23.26	5.95
SRCPARAM	L0003171	28.3330564889	4.27	23.26	5.95
SRCPARAM	L0003172	28.3330564889	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_A

SRCPARAM	L0003861	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003862	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003863	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003864	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003865	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003866	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003867	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003868	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003869	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003870	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003871	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003872	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003873	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003874	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003875	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003876	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003877	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003878	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003879	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003880	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003881	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003882	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003883	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003884	5.884391472	4.27	23.26	5.95
SRCPARAM	L0003885	5.884391472	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_B

SRCPARAM	L0003886	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003887	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003888	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003889	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003890	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003891	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003892	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003893	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003894	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003895	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003896	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003897	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003898	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003899	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003900	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003901	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003902	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003903	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003904	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003905	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003906	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003907	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003908	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003909	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003910	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003911	2.9530126333	4.27	23.26	5.95

SRCPARAM	L0003912	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003913	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003914	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003915	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003916	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003917	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003918	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003919	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003920	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003921	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003922	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003923	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003924	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003925	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003926	2.9530126333	4.27	23.26	5.95
SRCPARAM	L0003927	2.9530126333	4.27	23.26	5.95

**

** LINE VOLUME Source ID = SR_125_A

SRCPARAM	L0004149	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004150	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004151	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004152	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004153	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004154	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004155	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004156	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004157	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004158	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004159	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004160	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004161	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004162	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004163	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004164	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004165	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004166	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004167	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004168	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004169	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004170	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004171	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004172	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004173	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004174	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004175	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004176	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004177	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004178	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004179	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004180	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004181	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004182	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004183	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004184	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004185	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004186	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004187	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004188	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004189	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004190	1.6543728245	4.27	23.26	5.95

SRCPARAM	L0004191	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004192	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004193	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004194	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004195	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004196	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004197	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004198	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004199	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004200	1.6543728245	4.27	23.26	5.95
SRCPARAM	L0004201	1.6543728245	4.27	23.26	5.95

**

** LINE VOLUME Source ID = SR_125_B

SRCPARAM	L0004202	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004203	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004204	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004205	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004206	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004207	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004208	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004209	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004210	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004211	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004212	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004213	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004214	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004215	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004216	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004217	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004218	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004219	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004220	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004221	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004222	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004223	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004224	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004225	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004226	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004227	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004228	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004229	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004230	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004231	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004232	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004233	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004234	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004235	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004236	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004237	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004238	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004239	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004240	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004241	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004242	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004243	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004244	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004245	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004246	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004247	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004248	2.0046091831	4.27	23.26	5.95

SRCPARAM	L0004249	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004250	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004251	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004252	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004253	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004254	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004255	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004256	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004257	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004258	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004259	2.0046091831	4.27	23.26	5.95
SRCPARAM	L0004260	2.0046091831	4.27	23.26	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_G

SRCPARAM	L0004382	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004383	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004384	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004385	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004386	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004387	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004388	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004389	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004390	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004391	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004392	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004393	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004394	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004395	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004396	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004397	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004398	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004399	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004400	5.408448045	4.27	18.60	5.95
SRCPARAM	L0004401	5.408448045	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_H

SRCPARAM	L0004402	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004403	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004404	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004405	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004406	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004407	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004408	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004409	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004410	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004411	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004412	4.0563360333	4.27	18.60	5.95
SRCPARAM	L0004413	4.0563360333	4.27	18.60	5.95

**

** LINE VOLUME Source ID = AIRWAY_A

SRCPARAM	L0004458	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004459	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004460	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004461	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004462	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004463	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004464	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004465	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004466	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004467	6.0780654238	4.27	18.60	5.95

SRCPARAM	L0004468	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004469	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004470	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004471	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004472	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004473	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004474	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004475	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004476	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004477	6.0780654238	4.27	18.60	5.95
SRCPARAM	L0004478	6.0780654238	4.27	18.60	5.95

** -----

** LINE VOLUME Source ID = SIMPRE_A

SRCPARAM	L0004428	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004429	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004430	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004431	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004432	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004433	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004434	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004435	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004436	15.57633037	4.27	18.60	5.95
SRCPARAM	L0004437	15.57633037	4.27	18.60	5.95

** -----

** LINE VOLUME Source ID = SIMPRE_B

SRCPARAM	L0004414	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004415	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004416	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004417	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004418	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004419	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004420	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004421	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004422	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004423	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004424	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004425	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004426	9.9669971143	4.27	18.60	5.95
SRCPARAM	L0004427	9.9669971143	4.27	18.60	5.95

** -----

** LINE VOLUME Source ID = OTAY_VLLY_A

SRCPARAM	L0004479	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004480	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004481	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004482	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004483	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004484	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004485	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004486	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004487	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004488	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004489	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004490	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004491	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004492	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004493	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004494	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004495	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004496	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004497	5.88168725	4.27	23.26	5.95

SRCPARAM	L0004498	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004499	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004500	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004501	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004502	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004503	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004504	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004505	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004506	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004507	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004508	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004509	5.88168725	4.27	23.26	5.95
SRCPARAM	L0004510	5.88168725	4.27	23.26	5.95

**

** LINE VOLUME Source ID = OTAYVLLY_B

SRCPARAM	L0004511	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004512	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004513	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004514	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004515	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004516	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004517	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004518	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004519	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004520	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004521	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004522	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004523	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004524	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004525	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004526	9.8624640824	4.27	23.26	5.95
SRCPARAM	L0004527	9.8624640824	4.27	23.26	5.95

**

** LINE VOLUME Source ID = BRITANNIA

SRCPARAM	L0004438	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004439	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004440	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004441	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004442	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004443	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004444	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004445	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004446	11.24957193	0.00	18.60	5.95
SRCPARAM	L0004447	11.24957193	0.00	18.60	5.95

**

** LINE VOLUME Source ID = LA_MEDIA

SRCPARAM	L0004448	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004449	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004450	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004451	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004452	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004453	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004454	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004455	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004456	16.3335131	4.27	18.60	5.95
SRCPARAM	L0004457	16.3335131	4.27	18.60	5.95

**

** LINE VOLUME Source ID = HERITAGE_A

SRCPARAM	L0004528	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004529	8.6535168692	12.80	18.60	1.98

SRCPARAM	L0004530	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004531	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004532	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004533	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004534	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004535	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004536	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004537	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004538	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004539	8.6535168692	12.80	18.60	1.98
SRCPARAM	L0004540	8.6535168692	12.80	18.60	1.98

**

** LINE VOLUME Source ID = SEMPRE_C

SRCPARAM	L0004549	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004550	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004551	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004552	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004553	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004554	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004555	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004556	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004557	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004558	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004559	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004560	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004561	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004562	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004563	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004564	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004565	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004566	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004567	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004568	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004569	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004570	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004571	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004572	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004573	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004574	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004575	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004576	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004577	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004578	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004579	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004580	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004581	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004582	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004583	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004584	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004585	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004586	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004587	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004588	2.7701807049	4.27	18.60	5.95
SRCPARAM	L0004589	2.7701807049	4.27	18.60	5.95

**

** LINE VOLUME Source ID = LA_MEDIA_C

SRCPARAM	L0004590	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004591	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004592	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004593	6.6446647429	4.27	18.60	5.95

SRCPARAM	L0004594	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004595	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004596	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004597	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004598	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004599	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004600	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004601	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004602	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004603	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004604	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004605	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004606	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004607	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004608	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004609	6.6446647429	4.27	18.60	5.95
SRCPARAM	L0004610	6.6446647429	4.27	18.60	5.95

**

 ** LINE VOLUME Source ID = LA_MEDIA_D

SRCPARAM	L0004622	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004623	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004624	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004625	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004626	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004627	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004628	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004629	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004630	20.11942673	4.27	18.60	5.95
SRCPARAM	L0004631	20.11942673	4.27	18.60	5.95

**

 ** LINE VOLUME Source ID = LONE_STAR_A

SRCPARAM	L0004632	23.7971714	4.27	18.60	5.95
SRCPARAM	L0004633	23.7971714	4.27	18.60	5.95
SRCPARAM	L0004634	23.7971714	4.27	18.60	5.95
SRCPARAM	L0004635	23.7971714	4.27	18.60	5.95
SRCPARAM	L0004636	23.7971714	4.27	18.60	5.95

**

 ** LINE VOLUME Source ID = LONE_STAR_B

SRCPARAM	L0004637	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004638	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004639	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004640	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004641	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004642	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004643	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004644	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004645	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004646	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004647	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004648	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004649	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004650	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004651	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004652	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004653	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004654	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004655	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004656	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004657	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004658	3.3686904971	4.27	18.60	5.95

SRCPARAM	L0004659	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004660	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004661	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004662	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004663	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004664	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004665	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004666	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004667	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004668	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004669	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004670	3.3686904971	4.27	18.60	5.95
SRCPARAM	L0004671	3.3686904971	4.27	18.60	5.95

** -----

** LINE VOLUME Source ID = AUIRWAY_A

SRCPARAM	L0004691	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004692	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004693	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004694	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004695	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004696	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004697	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004698	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004699	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004700	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004701	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004702	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004703	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004704	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004705	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004706	6.9355392588	4.27	18.60	5.95
SRCPARAM	L0004707	6.9355392588	4.27	18.60	5.95

** -----

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

GRIDCART UCART1 STA

XYINC	495921.32	21	150.00	3600584.90	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			

ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			

HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART1 END

GRIDCART UCART2 STA

XYINC	495924.40	21	150.00	3603567.52	21	150.00	
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00			
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00			
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00

HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00

HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART2 END

GRIDCART UCART3 STA

XYINC	498904.52	21	150.00	3600584.79	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00				
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00				
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00				
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00				
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00

HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART3 END

GRIDCART UCART4 STA

XYINC	498903.40	21	150.00	3603568.08	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00

HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00

HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART4 END

GRIDCART UCART5 STA

XYINC	501887.15	21	150.00	3600585.14	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00				
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00				
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00				
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00				
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00				
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00				
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00				
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00				
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00				

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			

HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART5 END

GRIDCART UCART6 STA

XYINC 501885.74 21 150.00 3603565.94 21 150.00

ELEV 1 0.00 0.00 0.00 0.00 0.00 0.00

ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00			
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00			
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00

HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART6 END

GRIDCART UCART7 STA

XYINC	504863.59	21	150.00	3600583.99	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00

HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART7 END

GRIDCART UCART8 STA

XYINC	504863.98	21	150.00	3603564.47	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00

HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART8 END

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "..\AERMET\Otay Mesa.SFC"

PROFFILE "..\AERMET\Otay Mesa.PFL"

SURFDATA 23188 1990 SAN_DIEGO/LINDBERGH_FIELD

UAIRDATA 3190 1990

PROFBASE 9.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "OTAY MESA EX CP BUILDOUT.AD\01H1GALL.PLT" 31

PLOTFILE ANNUAL ALL "OTAY MESA EX CP BUILDOUT.AD\AN00GALL.PLT" 32

SUMMFILE "Otay Mesa Ex CP Buildout.sum"

OU FINISHED

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/21/12

*** 16:16:37

PAGE 1

**MODELOPTs: RegDFault CONC

ELEV

*** 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 Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 859 Source(s); 1 Source Group(s); and 3528 Receptor
(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**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) = 9.00 ; Decay Coef.
= 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.3 MB of RAM.

**Detailed Error/Message File: Otay Mesa Ex CP Buildout.err

**File for Summary of Results: Otay Mesa Ex CP Buildout.sum

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 2

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003988		0	0.62017E+01		505725.6	3601444.9	0.0	4.27
5.95	NO							23.26
L0003989		0	0.62017E+01		505721.3	3601494.7	0.0	4.27
5.95	NO							23.26
L0003990		0	0.62017E+01		505717.0	3601544.5	0.0	4.27
5.95	NO							23.26
L0003991		0	0.62017E+01		505712.6	3601594.4	0.0	4.27
5.95	NO							23.26
L0003992		0	0.62017E+01		505715.7	3601644.0	0.0	4.27
5.95	NO							23.26
L0003993		0	0.62017E+01		505722.7	3601693.5	0.0	4.27
5.95	NO							23.26
L0003994		0	0.62017E+01		505721.8	3601742.8	0.0	4.27
5.95	NO							23.26
L0003995		0	0.62017E+01		505712.0	3601791.8	0.0	4.27
5.95	NO							23.26
L0003996		0	0.62017E+01		505702.3	3601840.8	0.0	4.27
5.95	NO							23.26
L0003997		0	0.62017E+01		505692.5	3601889.9	0.0	4.27
5.95	NO							23.26
L0003998		0	0.62017E+01		505673.2	3601935.8	0.0	4.27
5.95	NO							23.26
L0003999		0	0.62017E+01		505651.9	3601981.0	0.0	4.27
5.95	NO							23.26
L0004000		0	0.84882E+01		505630.7	3602021.4	0.0	4.27
5.95	NO							23.26
L0004001		0	0.84882E+01		505605.8	3602064.8	0.0	4.27
5.95	NO							23.26
L0004002		0	0.84882E+01		505573.9	3602103.3	0.0	4.27
5.95	NO							23.26
L0004003		0	0.84882E+01		505542.1	3602141.8	0.0	4.27
5.95	NO							23.26
L0004004		0	0.84882E+01		505510.2	3602180.4	0.0	4.27
5.95	NO							23.26
L0004005		0	0.84882E+01		505478.4	3602218.9	0.0	4.27
5.95	NO							23.26
L0004006		0	0.84882E+01		505446.5	3602257.4	0.0	4.27
5.95	NO							23.26
L0004007		0	0.84882E+01		505414.7	3602296.0	0.0	4.27

5.95	NO							
L0004008		0	0.84882E+01	505382.8	3602334.5	0.0	4.27	23.26
5.95	NO							
L0004009		0	0.84882E+01	505350.9	3602373.1	0.0	4.27	23.26
5.95	NO							
L0004010		0	0.84882E+01	505319.1	3602411.6	0.0	4.27	23.26
5.95	NO							
L0004011		0	0.84882E+01	505287.2	3602450.1	0.0	4.27	23.26
5.95	NO							
L0004012		0	0.84882E+01	505255.4	3602488.7	0.0	4.27	23.26
5.95	NO							
L0004013		0	0.84882E+01	505223.5	3602527.2	0.0	4.27	23.26
5.95	NO							
L0004014		0	0.37731E+01	505199.9	3602554.2	0.0	4.27	23.26
5.95	NO							
L0004015		0	0.37731E+01	505166.6	3602591.5	0.0	4.27	23.26
5.95	NO							
L0004016		0	0.37731E+01	505133.3	3602628.8	0.0	4.27	23.26
5.95	NO							
L0004017		0	0.37731E+01	505100.0	3602666.1	0.0	4.27	23.26
5.95	NO							
L0004018		0	0.37731E+01	505064.9	3602701.6	0.0	4.27	23.26
5.95	NO							
L0004019		0	0.37731E+01	505027.6	3602735.0	0.0	4.27	23.26
5.95	NO							
L0004020		0	0.37731E+01	504990.4	3602768.3	0.0	4.27	23.26
5.95	NO							
L0004021		0	0.37731E+01	504950.7	3602798.5	0.0	4.27	23.26
5.95	NO							
L0004022		0	0.37731E+01	504908.8	3602825.8	0.0	4.27	23.26
5.95	NO							
L0004023		0	0.37731E+01	504867.0	3602853.2	0.0	4.27	23.26
5.95	NO							
L0004024		0	0.37731E+01	504822.3	3602875.6	0.0	4.27	23.26
5.95	NO							
L0004025		0	0.37731E+01	504777.2	3602897.1	0.0	4.27	23.26
5.95	NO							
L0004026		0	0.37731E+01	504731.2	3602916.7	0.0	4.27	23.26
5.95	NO							
L0004027		0	0.37731E+01	504683.6	3602931.6	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 3

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	PART.	(GRAMS/SEC)				ELEV.	HEIGHT
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						(METERS)
L0004028		0	0.37731E+01		504635.0	3602943.3	0.0	4.27
5.95	NO							23.26
L0004029		0	0.37731E+01		504586.4	3602955.0	0.0	4.27
5.95	NO							23.26
L0004030		0	0.37731E+01		504537.5	3602965.0	0.0	4.27
5.95	NO							23.26
L0004031		0	0.37731E+01		504487.7	3602969.5	0.0	4.27
5.95	NO							23.26
L0004032		0	0.37731E+01		504437.8	3602970.9	0.0	4.27
5.95	NO							23.26
L0004033		0	0.37731E+01		504387.8	3602971.3	0.0	4.27
5.95	NO							23.26
L0004034		0	0.37731E+01		504337.8	3602971.7	0.0	4.27
5.95	NO							23.26
L0004035		0	0.37731E+01		504287.8	3602972.1	0.0	4.27
5.95	NO							23.26
L0004036		0	0.37731E+01		504237.8	3602972.6	0.0	4.27
5.95	NO							23.26
L0004037		0	0.37731E+01		504187.8	3602973.0	0.0	4.27
5.95	NO							23.26
L0004038		0	0.37731E+01		504137.8	3602973.4	0.0	4.27
5.95	NO							23.26
L0004039		0	0.37731E+01		504087.8	3602973.8	0.0	4.27
5.95	NO							23.26
L0004040		0	0.37731E+01		504037.8	3602974.2	0.0	4.27
5.95	NO							23.26
L0004041		0	0.37731E+01		503987.8	3602974.6	0.0	4.27
5.95	NO							23.26
L0004042		0	0.37731E+01		503937.8	3602975.0	0.0	4.27
5.95	NO							23.26
L0004043		0	0.37731E+01		503887.8	3602975.4	0.0	4.27
5.95	NO							23.26
L0004044		0	0.37731E+01		503837.8	3602975.8	0.0	4.27
5.95	NO							23.26
L0004045		0	0.37731E+01		503787.8	3602976.3	0.0	4.27
5.95	NO							23.26
L0004046		0	0.37731E+01		503737.8	3602976.7	0.0	4.27
5.95	NO							23.26
L0004047		0	0.37731E+01		503687.8	3602977.1	0.0	4.27

5.95	NO							
L0004048		0	0.37731E+01	503637.8	3602977.5	0.0	4.27	23.26
5.95	NO							
L0004049		0	0.37731E+01	503587.8	3602977.9	0.0	4.27	23.26
5.95	NO							
L0004050		0	0.37731E+01	503537.8	3602978.3	0.0	4.27	23.26
5.95	NO							
L0003123		0	0.62195E+01	498188.0	3603383.9	0.0	0.00	23.26
5.95	NO							
L0003124		0	0.62195E+01	498141.4	3603402.1	0.0	0.00	23.26
5.95	NO							
L0003125		0	0.62195E+01	498094.8	3603420.2	0.0	0.00	23.26
5.95	NO							
L0003126		0	0.62195E+01	498047.3	3603435.6	0.0	0.00	23.26
5.95	NO							
L0003127		0	0.62195E+01	497999.3	3603449.6	0.0	0.00	23.26
5.95	NO							
L0003128		0	0.62195E+01	497950.4	3603459.9	0.0	0.00	23.26
5.95	NO							
L0003129		0	0.62195E+01	497901.4	3603469.6	0.0	0.00	23.26
5.95	NO							
L0003130		0	0.62195E+01	497851.6	3603474.8	0.0	0.00	23.26
5.95	NO							
L0003131		0	0.62195E+01	497801.8	3603476.6	0.0	0.00	23.26
5.95	NO							
L0003132		0	0.62195E+01	497751.8	3603475.3	0.0	0.00	23.26
5.95	NO							
L0003133		0	0.62195E+01	497702.0	3603470.8	0.0	0.00	23.26
5.95	NO							
L0003134		0	0.62195E+01	497652.2	3603466.3	0.0	0.00	23.26
5.95	NO							
L0003135		0	0.62195E+01	497602.4	3603461.8	0.0	0.00	23.26
5.95	NO							
L0003136		0	0.62195E+01	497552.6	3603457.3	0.0	0.00	23.26
5.95	NO							
L0003137		0	0.62195E+01	497502.8	3603452.8	0.0	0.00	23.26
5.95	NO							
L0003138		0	0.62195E+01	497453.0	3603448.3	0.0	0.00	23.26
5.95	NO							
L0003139		0	0.62195E+01	497403.2	3603443.8	0.0	0.00	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 4

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003140		0	0.62195E+01		497353.4	3603439.3	0.0	23.26
5.95	NO							
L0003141		0	0.62195E+01		497303.6	3603435.0	0.0	23.26
5.95	NO							
L0003142		0	0.62195E+01		497253.8	3603431.0	0.0	23.26
5.95	NO							
L0003143		0	0.62195E+01		497203.9	3603427.0	0.0	23.26
5.95	NO							
L0003144		0	0.62195E+01		497154.1	3603423.0	0.0	23.26
5.95	NO							
L0003145		0	0.62195E+01		497104.2	3603419.0	0.0	23.26
5.95	NO							
L0003146		0	0.62195E+01		497054.4	3603415.5	0.0	23.26
5.95	NO							
L0003147		0	0.62195E+01		497004.4	3603414.3	0.0	23.26
5.95	NO							
L0003148		0	0.62195E+01		496954.4	3603413.0	0.0	23.26
5.95	NO							
L0003149		0	0.62195E+01		496904.4	3603413.0	0.0	23.26
5.95	NO							
L0003150		0	0.62195E+01		496854.4	3603413.6	0.0	23.26
5.95	NO							
L0003151		0	0.62195E+01		496804.4	3603414.1	0.0	23.26
5.95	NO							
L0003152		0	0.62195E+01		496754.4	3603414.6	0.0	23.26
5.95	NO							
L0003153		0	0.62195E+01		496704.4	3603415.2	0.0	23.26
5.95	NO							
L0003154		0	0.62195E+01		496654.4	3603415.7	0.0	23.26
5.95	NO							
L0003155		0	0.62195E+01		496604.4	3603416.2	0.0	23.26
5.95	NO							
L0003156		0	0.62195E+01		496554.4	3603416.8	0.0	23.26
5.95	NO							
L0003157		0	0.62195E+01		496504.4	3603417.3	0.0	23.26
5.95	NO							
L0003158		0	0.62195E+01		496454.4	3603417.9	0.0	23.26
5.95	NO							
L0003159		0	0.62195E+01		496404.4	3603418.4	0.0	23.26

5.95	NO							
L0003160		0	0.62195E+01	496354.4	3603418.9	0.0	0.00	23.26
5.95	NO							
L0003161		0	0.62195E+01	496304.5	3603419.5	0.0	0.00	23.26
5.95	NO							
L0003162		0	0.62195E+01	496254.5	3603420.0	0.0	0.00	23.26
5.95	NO							
L0003163		0	0.62195E+01	496204.5	3603420.5	0.0	0.00	23.26
5.95	NO							
L0003928		0	0.76645E+01	496192.6	3603445.3	0.0	4.27	23.26
5.95	NO							
L0003929		0	0.76645E+01	496202.0	3603494.4	0.0	4.27	23.26
5.95	NO							
L0003930		0	0.76645E+01	496211.4	3603543.5	0.0	4.27	23.26
5.95	NO							
L0003931		0	0.76645E+01	496220.9	3603592.6	0.0	4.27	23.26
5.95	NO							
L0003932		0	0.76645E+01	496230.3	3603641.7	0.0	4.27	23.26
5.95	NO							
L0003933		0	0.76645E+01	496239.8	3603690.8	0.0	4.27	23.26
5.95	NO							
L0003934		0	0.76645E+01	496249.2	3603739.9	0.0	4.27	23.26
5.95	NO							
L0003935		0	0.76645E+01	496258.6	3603789.0	0.0	4.27	23.26
5.95	NO							
L0003936		0	0.76645E+01	496268.1	3603838.1	0.0	4.27	23.26
5.95	NO							
L0003937		0	0.76645E+01	496277.5	3603887.2	0.0	4.27	23.26
5.95	NO							
L0003938		0	0.76645E+01	496287.0	3603936.3	0.0	4.27	23.26
5.95	NO							
L0003939		0	0.76645E+01	496296.4	3603985.4	0.0	4.27	23.26
5.95	NO							
L0003940		0	0.76645E+01	496305.8	3604034.5	0.0	4.27	23.26
5.95	NO							
L0003941		0	0.76645E+01	496315.3	3604083.6	0.0	4.27	23.26
5.95	NO							
L0003942		0	0.76645E+01	496324.7	3604132.7	0.0	4.27	23.26
5.95	NO							
L0003943		0	0.76645E+01	496334.1	3604181.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 5

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	PART.	(GRAMS/SEC)				ELEV.	HEIGHT
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						(METERS)
L0003944		0	0.76645E+01		496343.6	3604230.9	0.0	4.27
5.95	NO							23.26
L0003945		0	0.76645E+01		496353.0	3604280.0	0.0	4.27
5.95	NO							23.26
L0003946		0	0.76645E+01		496362.5	3604329.1	0.0	4.27
5.95	NO							23.26
L0003947		0	0.76645E+01		496371.9	3604378.2	0.0	4.27
5.95	NO							23.26
L0003948		0	0.76645E+01		496381.3	3604427.3	0.0	4.27
5.95	NO							23.26
L0003949		0	0.76645E+01		496390.8	3604476.4	0.0	4.27
5.95	NO							23.26
L0003950		0	0.76645E+01		496400.2	3604525.5	0.0	4.27
5.95	NO							23.26
L0003951		0	0.76645E+01		496409.6	3604574.6	0.0	4.27
5.95	NO							23.26
L0003952		0	0.76645E+01		496419.1	3604623.7	0.0	4.27
5.95	NO							23.26
L0003953		0	0.76645E+01		496428.5	3604672.9	0.0	4.27
5.95	NO							23.26
L0003954		0	0.76645E+01		496438.0	3604722.0	0.0	4.27
5.95	NO							23.26
L0003955		0	0.76645E+01		496447.4	3604771.1	0.0	4.27
5.95	NO							23.26
L0003956		0	0.76645E+01		496456.8	3604820.2	0.0	4.27
5.95	NO							23.26
L0003957		0	0.76645E+01		496466.3	3604869.3	0.0	4.27
5.95	NO							23.26
L0003958		0	0.76645E+01		496475.7	3604918.4	0.0	4.27
5.95	NO							23.26
L0003959		0	0.76645E+01		496485.1	3604967.5	0.0	4.27
5.95	NO							23.26
L0003960		0	0.76645E+01		496494.6	3605016.6	0.0	4.27
5.95	NO							23.26
L0003961		0	0.76645E+01		496504.0	3605065.7	0.0	4.27
5.95	NO							23.26
L0003962		0	0.76645E+01		496513.5	3605114.8	0.0	4.27
5.95	NO							23.26
L0003963		0	0.12138E+02		496524.4	3605173.2	0.0	4.27

5.95	NO							
L0003964		0	0.12138E+02	496533.2	3605222.5	0.0	4.27	23.26
5.95	NO							
L0003965		0	0.12138E+02	496542.0	3605271.7	0.0	4.27	23.26
5.95	NO							
L0003966		0	0.12138E+02	496550.7	3605320.9	0.0	4.27	23.26
5.95	NO							
L0003967		0	0.12138E+02	496558.5	3605370.3	0.0	4.27	23.26
5.95	NO							
L0003968		0	0.12138E+02	496566.3	3605419.7	0.0	4.27	23.26
5.95	NO							
L0003969		0	0.12138E+02	496571.1	3605469.4	0.0	4.27	23.26
5.95	NO							
L0003970		0	0.12138E+02	496574.6	3605519.3	0.0	4.27	23.26
5.95	NO							
L0003971		0	0.12138E+02	496577.6	3605569.2	0.0	4.27	23.26
5.95	NO							
L0003972		0	0.12138E+02	496578.6	3605619.2	0.0	4.27	23.26
5.95	NO							
L0003973		0	0.12138E+02	496579.6	3605669.2	0.0	4.27	23.26
5.95	NO							
L0003974		0	0.12138E+02	496580.5	3605719.2	0.0	4.27	23.26
5.95	NO							
L0003975		0	0.12138E+02	496581.5	3605769.2	0.0	4.27	23.26
5.95	NO							
L0003976		0	0.12138E+02	496582.5	3605819.1	0.0	4.27	23.26
5.95	NO							
L0003977		0	0.12138E+02	496583.4	3605869.1	0.0	4.27	23.26
5.95	NO							
L0003978		0	0.12138E+02	496584.4	3605919.1	0.0	4.27	23.26
5.95	NO							
L0003979		0	0.12138E+02	496585.4	3605969.1	0.0	4.27	23.26
5.95	NO							
L0003980		0	0.12138E+02	496586.4	3606019.1	0.0	4.27	23.26
5.95	NO							
L0003981		0	0.12138E+02	496587.3	3606069.1	0.0	4.27	23.26
5.95	NO							
L0003982		0	0.12138E+02	496588.3	3606119.1	0.0	4.27	23.26
5.95	NO							
L0003983		0	0.12138E+02	496589.3	3606169.1	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 6

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003984		0	0.12138E+02		496590.2	3606219.1	0.0	23.26
5.95	NO							
L0003985		0	0.12138E+02		496591.2	3606269.1	0.0	23.26
5.95	NO							
L0003986		0	0.12138E+02		496592.2	3606319.1	0.0	23.26
5.95	NO							
L0003987		0	0.12138E+02		496593.2	3606369.0	0.0	23.26
5.95	NO							
L0004261		0	0.84372E+01		498689.7	3603439.9	0.0	18.60
5.95	NO							
L0004262		0	0.84372E+01		498729.7	3603439.3	0.0	18.60
5.95	NO							
L0004263		0	0.84372E+01		498769.7	3603438.7	0.0	18.60
5.95	NO							
L0004264		0	0.84372E+01		498809.7	3603438.1	0.0	18.60
5.95	NO							
L0004265		0	0.84372E+01		498849.7	3603437.5	0.0	18.60
5.95	NO							
L0004266		0	0.84372E+01		498889.7	3603436.8	0.0	18.60
5.95	NO							
L0004267		0	0.84372E+01		498929.7	3603436.2	0.0	18.60
5.95	NO							
L0004268		0	0.84372E+01		498969.7	3603435.6	0.0	18.60
5.95	NO							
L0004269		0	0.84372E+01		499009.7	3603435.0	0.0	18.60
5.95	NO							
L0004270		0	0.84372E+01		499049.7	3603434.3	0.0	18.60
5.95	NO							
L0004271		0	0.84372E+01		499089.7	3603433.7	0.0	18.60
5.95	NO							
L0004272		0	0.84372E+01		499129.7	3603433.1	0.0	18.60
5.95	NO							
L0004273		0	0.84372E+01		499169.7	3603432.5	0.0	18.60
5.95	NO							
L0004274		0	0.84372E+01		499209.7	3603431.9	0.0	18.60
5.95	NO							
L0004275		0	0.84372E+01		499249.7	3603431.2	0.0	18.60
5.95	NO							
L0004276		0	0.84372E+01		499289.7	3603430.6	0.0	18.60

5.95	NO							
L0004277		0	0.84372E+01	499329.7	3603430.0	0.0	4.27	18.60
5.95	NO							
L0004278		0	0.84372E+01	499369.7	3603429.4	0.0	4.27	18.60
5.95	NO							
L0004279		0	0.84372E+01	499409.7	3603428.8	0.0	4.27	18.60
5.95	NO							
L0004280		0	0.84372E+01	499449.7	3603428.1	0.0	4.27	18.60
5.95	NO							
L0004281		0	0.77882E+01	499504.1	3603427.5	0.0	4.27	18.60
5.95	NO							
L0004282		0	0.77882E+01	499544.1	3603427.2	0.0	4.27	18.60
5.95	NO							
L0004283		0	0.77882E+01	499584.1	3603427.0	0.0	4.27	18.60
5.95	NO							
L0004284		0	0.77882E+01	499624.1	3603426.8	0.0	4.27	18.60
5.95	NO							
L0004285		0	0.77882E+01	499664.1	3603426.5	0.0	4.27	18.60
5.95	NO							
L0004286		0	0.77882E+01	499704.1	3603426.3	0.0	4.27	18.60
5.95	NO							
L0004287		0	0.77882E+01	499744.1	3603426.1	0.0	4.27	18.60
5.95	NO							
L0004288		0	0.77882E+01	499784.1	3603425.8	0.0	4.27	18.60
5.95	NO							
L0004289		0	0.77882E+01	499824.1	3603425.6	0.0	4.27	18.60
5.95	NO							
L0004290		0	0.77882E+01	499864.0	3603425.4	0.0	4.27	18.60
5.95	NO							
L0004291		0	0.90862E+01	499906.4	3603424.9	0.0	4.27	18.60
5.95	NO							
L0004292		0	0.90862E+01	499946.3	3603424.2	0.0	4.27	18.60
5.95	NO							
L0004293		0	0.90862E+01	499986.3	3603423.5	0.0	4.27	18.60
5.95	NO							
L0004294		0	0.90862E+01	500026.3	3603422.9	0.0	4.27	18.60
5.95	NO							
L0004295		0	0.90862E+01	500066.3	3603422.2	0.0	4.27	18.60
5.95	NO							
L0004296		0	0.90862E+01	500106.3	3603421.5	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 7

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004297		0	0.90862E+01		500146.3	3603420.8	0.0	4.27
5.95	NO							18.60
L0004298		0	0.90862E+01		500186.3	3603420.1	0.0	4.27
5.95	NO							18.60
L0004299		0	0.90862E+01		500226.3	3603419.4	0.0	4.27
5.95	NO							18.60
L0004300		0	0.90862E+01		500266.3	3603418.7	0.0	4.27
5.95	NO							18.60
L0004301		0	0.80045E+01		500313.2	3603418.0	0.0	4.27
5.95	NO							18.60
L0004302		0	0.80045E+01		500353.2	3603417.3	0.0	4.27
5.95	NO							18.60
L0004303		0	0.80045E+01		500393.2	3603416.7	0.0	4.27
5.95	NO							18.60
L0004304		0	0.80045E+01		500433.2	3603416.0	0.0	4.27
5.95	NO							18.60
L0004305		0	0.80045E+01		500473.2	3603415.3	0.0	4.27
5.95	NO							18.60
L0004306		0	0.80045E+01		500513.2	3603414.7	0.0	4.27
5.95	NO							18.60
L0004307		0	0.80045E+01		500553.2	3603414.0	0.0	4.27
5.95	NO							18.60
L0004308		0	0.80045E+01		500593.2	3603413.4	0.0	4.27
5.95	NO							18.60
L0004309		0	0.80045E+01		500633.2	3603412.7	0.0	4.27
5.95	NO							18.60
L0004310		0	0.80045E+01		500673.2	3603412.0	0.0	4.27
5.95	NO							18.60
L0004311		0	0.80045E+01		500713.2	3603411.4	0.0	4.27
5.95	NO							18.60
L0004312		0	0.80045E+01		500753.2	3603410.7	0.0	4.27
5.95	NO							18.60
L0004313		0	0.80045E+01		500793.2	3603410.0	0.0	4.27
5.95	NO							18.60
L0004314		0	0.80045E+01		500833.1	3603409.4	0.0	4.27
5.95	NO							18.60
L0004315		0	0.80045E+01		500873.1	3603408.7	0.0	4.27
5.95	NO							18.60
L0004316		0	0.80045E+01		500913.1	3603408.0	0.0	4.27

5.95	NO							
L0004317		0	0.80045E+01	500953.1	3603407.4	0.0	4.27	18.60
5.95	NO							
L0004318		0	0.80045E+01	500993.1	3603406.7	0.0	4.27	18.60
5.95	NO							
L0004319		0	0.80045E+01	501033.1	3603406.1	0.0	4.27	18.60
5.95	NO							
L0004320		0	0.80045E+01	501073.1	3603405.4	0.0	4.27	18.60
5.95	NO							
L0004321		0	0.51380E+01	501122.9	3603404.5	0.0	4.27	18.60
5.95	NO							
L0004322		0	0.51380E+01	501162.9	3603403.6	0.0	4.27	18.60
5.95	NO							
L0004323		0	0.51380E+01	501202.9	3603402.8	0.0	4.27	18.60
5.95	NO							
L0004324		0	0.51380E+01	501242.9	3603402.0	0.0	4.27	18.60
5.95	NO							
L0004325		0	0.51380E+01	501282.9	3603401.2	0.0	4.27	18.60
5.95	NO							
L0004326		0	0.51380E+01	501322.9	3603400.3	0.0	4.27	18.60
5.95	NO							
L0004327		0	0.51380E+01	501362.9	3603399.5	0.0	4.27	18.60
5.95	NO							
L0004328		0	0.51380E+01	501402.9	3603398.7	0.0	4.27	18.60
5.95	NO							
L0004329		0	0.51380E+01	501442.9	3603397.8	0.0	4.27	18.60
5.95	NO							
L0004330		0	0.51380E+01	501482.9	3603397.0	0.0	4.27	18.60
5.95	NO							
L0004331		0	0.51380E+01	501522.9	3603396.2	0.0	4.27	18.60
5.95	NO							
L0004332		0	0.51380E+01	501562.8	3603395.4	0.0	4.27	18.60
5.95	NO							
L0004333		0	0.51380E+01	501602.8	3603394.5	0.0	4.27	18.60
5.95	NO							
L0004334		0	0.51380E+01	501642.8	3603393.7	0.0	4.27	18.60
5.95	NO							
L0004335		0	0.51380E+01	501682.8	3603392.9	0.0	4.27	18.60
5.95	NO							
L0004336		0	0.51380E+01	501722.8	3603392.0	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 8

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004337		0	0.51380E+01		501762.8	3603391.2	0.0	4.27
5.95	NO							18.60
L0004338		0	0.51380E+01		501802.8	3603390.4	0.0	4.27
5.95	NO							18.60
L0004339		0	0.51380E+01		501842.8	3603389.6	0.0	4.27
5.95	NO							18.60
L0004340		0	0.51380E+01		501882.8	3603388.7	0.0	4.27
5.95	NO							18.60
L0004341		0	0.30868E+01		501923.1	3603388.1	0.0	4.27
5.95	NO							18.60
L0004342		0	0.30868E+01		501963.1	3603387.7	0.0	4.27
5.95	NO							18.60
L0004343		0	0.30868E+01		502003.1	3603387.3	0.0	4.27
5.95	NO							18.60
L0004344		0	0.30868E+01		502043.1	3603386.9	0.0	4.27
5.95	NO							18.60
L0004345		0	0.30868E+01		502083.1	3603386.4	0.0	4.27
5.95	NO							18.60
L0004346		0	0.30868E+01		502123.1	3603386.0	0.0	4.27
5.95	NO							18.60
L0004347		0	0.30868E+01		502163.1	3603385.6	0.0	4.27
5.95	NO							18.60
L0004348		0	0.30868E+01		502203.1	3603385.2	0.0	4.27
5.95	NO							18.60
L0004349		0	0.30868E+01		502243.1	3603384.8	0.0	4.27
5.95	NO							18.60
L0004350		0	0.30868E+01		502283.1	3603384.4	0.0	4.27
5.95	NO							18.60
L0004351		0	0.30868E+01		502323.1	3603384.0	0.0	4.27
5.95	NO							18.60
L0004352		0	0.30868E+01		502363.1	3603383.6	0.0	4.27
5.95	NO							18.60
L0004353		0	0.30868E+01		502403.1	3603383.1	0.0	4.27
5.95	NO							18.60
L0004354		0	0.30868E+01		502443.1	3603382.7	0.0	4.27
5.95	NO							18.60
L0004355		0	0.30868E+01		502483.1	3603382.3	0.0	4.27
5.95	NO							18.60
L0004356		0	0.30868E+01		502523.1	3603381.9	0.0	4.27

5.95	NO							
L0004357		0	0.30868E+01	502563.1	3603381.5	0.0	4.27	18.60
5.95	NO							
L0004358		0	0.30868E+01	502603.1	3603381.1	0.0	4.27	18.60
5.95	NO							
L0004359		0	0.30868E+01	502643.1	3603380.7	0.0	4.27	18.60
5.95	NO							
L0004360		0	0.30868E+01	502683.1	3603380.2	0.0	4.27	18.60
5.95	NO							
L0004361		0	0.30868E+01	502723.0	3603379.8	0.0	4.27	18.60
5.95	NO							
L0004362		0	0.30868E+01	502763.0	3603379.4	0.0	4.27	18.60
5.95	NO							
L0004363		0	0.30868E+01	502803.0	3603379.0	0.0	4.27	18.60
5.95	NO							
L0004364		0	0.30868E+01	502843.0	3603378.6	0.0	4.27	18.60
5.95	NO							
L0004365		0	0.30868E+01	502883.0	3603378.2	0.0	4.27	18.60
5.95	NO							
L0004366		0	0.30868E+01	502923.0	3603377.8	0.0	4.27	18.60
5.95	NO							
L0004367		0	0.30868E+01	502963.0	3603377.4	0.0	4.27	18.60
5.95	NO							
L0004368		0	0.30868E+01	503003.0	3603376.9	0.0	4.27	18.60
5.95	NO							
L0004369		0	0.30868E+01	503043.0	3603376.5	0.0	4.27	18.60
5.95	NO							
L0004370		0	0.30868E+01	503083.0	3603376.1	0.0	4.27	18.60
5.95	NO							
L0004371		0	0.30868E+01	503123.0	3603375.7	0.0	4.27	18.60
5.95	NO							
L0004372		0	0.30868E+01	503163.0	3603375.3	0.0	4.27	18.60
5.95	NO							
L0004373		0	0.30868E+01	503203.0	3603374.9	0.0	4.27	18.60
5.95	NO							
L0004374		0	0.30868E+01	503243.0	3603374.5	0.0	4.27	18.60
5.95	NO							
L0004375		0	0.30868E+01	503283.0	3603374.0	0.0	4.27	18.60
5.95	NO							
L0004376		0	0.30868E+01	503323.0	3603373.6	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 9

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE		EMISSION	RATE		X	Y			
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	
ID		CATS.	BY					(METERS)	
(METERS)									
L0004377		0	0.30868E+01		503363.0	3603373.2	0.0	4.27	18.60
5.95	NO								
L0004378		0	0.30868E+01		503403.0	3603372.8	0.0	4.27	18.60
5.95	NO								
L0004379		0	0.30868E+01		503443.0	3603372.4	0.0	4.27	18.60
5.95	NO								
L0004380		0	0.30868E+01		503483.0	3603372.0	0.0	4.27	18.60
5.95	NO								
L0004381		0	0.30868E+01		503523.0	3603371.6	0.0	4.27	18.60
5.95	NO								
L0004051		0	0.60216E+01		503499.1	3602978.5	0.0	4.27	23.26
1.98	NO								
L0004052		0	0.60216E+01		503449.1	3602978.7	0.0	4.27	23.26
1.98	NO								
L0004053		0	0.60216E+01		503399.1	3602978.8	0.0	4.27	23.26
1.98	NO								
L0004054		0	0.60216E+01		503349.1	3602979.0	0.0	4.27	23.26
1.98	NO								
L0004055		0	0.60216E+01		503299.1	3602979.2	0.0	4.27	23.26
1.98	NO								
L0004056		0	0.60216E+01		503249.1	3602979.3	0.0	4.27	23.26
1.98	NO								
L0004057		0	0.60216E+01		503199.1	3602979.5	0.0	4.27	23.26
1.98	NO								
L0004058		0	0.60216E+01		503149.1	3602979.6	0.0	4.27	23.26
1.98	NO								
L0004059		0	0.60216E+01		503099.1	3602979.8	0.0	4.27	23.26
1.98	NO								
L0004060		0	0.60216E+01		503049.1	3602980.0	0.0	4.27	23.26
1.98	NO								
L0004061		0	0.60216E+01		502999.1	3602980.1	0.0	4.27	23.26
1.98	NO								
L0004062		0	0.60216E+01		502949.1	3602980.3	0.0	4.27	23.26
1.98	NO								
L0004063		0	0.60216E+01		502899.1	3602980.5	0.0	4.27	23.26
1.98	NO								
L0004064		0	0.60216E+01		502849.1	3602980.6	0.0	4.27	23.26
1.98	NO								
L0004065		0	0.60216E+01		502799.1	3602980.8	0.0	4.27	23.26

1.98	NO							
L0004066		0	0.60216E+01	502749.1	3602981.0	0.0	4.27	23.26
1.98	NO							
L0004067		0	0.60216E+01	502699.1	3602981.1	0.0	4.27	23.26
1.98	NO							
L0004068		0	0.60216E+01	502649.1	3602981.3	0.0	4.27	23.26
1.98	NO							
L0004069		0	0.60216E+01	502599.1	3602981.4	0.0	4.27	23.26
1.98	NO							
L0004070		0	0.60216E+01	502549.1	3602981.6	0.0	4.27	23.26
1.98	NO							
L0004071		0	0.60216E+01	502499.1	3602981.8	0.0	4.27	23.26
1.98	NO							
L0004072		0	0.60216E+01	502449.1	3602981.9	0.0	4.27	23.26
1.98	NO							
L0004073		0	0.60216E+01	502399.1	3602982.1	0.0	4.27	23.26
1.98	NO							
L0004074		0	0.60216E+01	502349.1	3602982.3	0.0	4.27	23.26
1.98	NO							
L0004075		0	0.60216E+01	502299.1	3602982.4	0.0	4.27	23.26
1.98	NO							
L0004076		0	0.60216E+01	502249.1	3602982.6	0.0	4.27	23.26
1.98	NO							
L0004077		0	0.60216E+01	502199.1	3602982.8	0.0	4.27	23.26
1.98	NO							
L0004078		0	0.60216E+01	502149.1	3602982.9	0.0	4.27	23.26
1.98	NO							
L0004079		0	0.60216E+01	502099.1	3602983.1	0.0	4.27	23.26
1.98	NO							
L0004080		0	0.60216E+01	502049.1	3602983.2	0.0	4.27	23.26
1.98	NO							
L0004081		0	0.60216E+01	501999.1	3602983.4	0.0	4.27	23.26
1.98	NO							
L0004082		0	0.60216E+01	501949.1	3602983.6	0.0	4.27	23.26
1.98	NO							
L0004083		0	0.13917E+02	501874.9	3602983.7	0.0	4.27	23.26
5.95	NO							
L0004084		0	0.13917E+02	501824.9	3602983.7	0.0	4.27	23.26
5.95	NO							
L0004085		0	0.13917E+02	501774.9	3602983.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 10

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004086		0	0.13917E+02		501724.9	3602984.5	0.0	4.27
5.95	NO							23.26
L0004087		0	0.13917E+02		501675.0	3602986.8	0.0	4.27
5.95	NO							23.26
L0004088		0	0.13917E+02		501625.1	3602989.7	0.0	4.27
5.95	NO							23.26
L0004089		0	0.13917E+02		501575.3	3602994.0	0.0	4.27
5.95	NO							23.26
L0004090		0	0.13917E+02		501525.6	3603000.1	0.0	4.27
5.95	NO							23.26
L0004091		0	0.13917E+02		501476.1	3603006.9	0.0	4.27
5.95	NO							23.26
L0004092		0	0.13917E+02		501426.6	3603014.2	0.0	4.27
5.95	NO							23.26
L0004093		0	0.13917E+02		501377.2	3603021.6	0.0	4.27
5.95	NO							23.26
L0004094		0	0.13917E+02		501327.7	3603028.9	0.0	4.27
5.95	NO							23.26
L0004095		0	0.13917E+02		501278.3	3603036.2	0.0	4.27
5.95	NO							23.26
L0004096		0	0.13917E+02		501228.8	3603043.6	0.0	4.27
5.95	NO							23.26
L0004097		0	0.13917E+02		501179.3	3603050.8	0.0	4.27
5.95	NO							23.26
L0004098		0	0.13917E+02		501129.5	3603055.0	0.0	4.27
5.95	NO							23.26
L0004099		0	0.16154E+02		501072.6	3603057.9	0.0	4.27
5.95	NO							23.26
L0004100		0	0.16154E+02		501022.6	3603058.6	0.0	4.27
5.95	NO							23.26
L0004101		0	0.16154E+02		500972.7	3603058.5	0.0	4.27
5.95	NO							23.26
L0004102		0	0.16154E+02		500922.7	3603057.0	0.0	4.27
5.95	NO							23.26
L0004103		0	0.16154E+02		500872.9	3603052.2	0.0	4.27
5.95	NO							23.26
L0004104		0	0.16154E+02		500823.2	3603047.3	0.0	4.27
5.95	NO							23.26
L0004105		0	0.16154E+02		500773.6	3603040.8	0.0	4.27

5.95	NO							
L0004106		0	0.16154E+02	500724.2	3603033.1	0.0	4.27	23.26
5.95	NO							
L0004107		0	0.16154E+02	500674.9	3603024.7	0.0	4.27	23.26
5.95	NO							
L0004108		0	0.16154E+02	500625.7	3603015.8	0.0	4.27	23.26
5.95	NO							
L0004109		0	0.16154E+02	500576.8	3603005.5	0.0	4.27	23.26
5.95	NO							
L0004110		0	0.16154E+02	500527.5	3602997.0	0.0	4.27	23.26
5.95	NO							
L0004111		0	0.16154E+02	500478.2	3602988.7	0.0	4.27	23.26
5.95	NO							
L0004112		0	0.16154E+02	500428.9	3602980.5	0.0	4.27	23.26
5.95	NO							
L0004113		0	0.16154E+02	500379.0	3602978.6	0.0	4.27	23.26
5.95	NO							
L0004114		0	0.16154E+02	500329.0	3602978.7	0.0	4.27	23.26
5.95	NO							
L0004115		0	0.86026E+01	500264.0	3602984.5	0.0	4.27	23.26
5.95	NO							
L0004116		0	0.86026E+01	500214.9	3602994.0	0.0	4.27	23.26
5.95	NO							
L0004117		0	0.86026E+01	500166.8	3603007.3	0.0	4.27	23.26
5.95	NO							
L0004118		0	0.86026E+01	500119.9	3603024.7	0.0	4.27	23.26
5.95	NO							
L0004119		0	0.86026E+01	500073.9	3603044.3	0.0	4.27	23.26
5.95	NO							
L0004120		0	0.86026E+01	500028.4	3603064.8	0.0	4.27	23.26
5.95	NO							
L0004121		0	0.86026E+01	499982.8	3603085.3	0.0	4.27	23.26
5.95	NO							
L0004122		0	0.86026E+01	499937.2	3603105.9	0.0	4.27	23.26
5.95	NO							
L0004123		0	0.86026E+01	499891.5	3603126.2	0.0	4.27	23.26
5.95	NO							
L0004124		0	0.86026E+01	499845.8	3603146.4	0.0	4.27	23.26
5.95	NO							
L0004125		0	0.86026E+01	499799.8	3603166.0	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 11

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0004126		0	0.86026E+01		499753.2	3603184.2	4.27	23.26
5.95	NO							
L0004127		0	0.86026E+01		499706.0	3603200.2	4.27	23.26
5.95	NO							
L0004128		0	0.86026E+01		499657.1	3603210.7	4.27	23.26
5.95	NO							
L0004129		0	0.86026E+01		499608.2	3603221.3	4.27	23.26
5.95	NO							
L0004130		0	0.86026E+01		499558.6	3603227.6	4.27	23.26
5.95	NO							
L0004131		0	0.86026E+01		499508.7	3603228.9	4.27	23.26
5.95	NO							
L0004132		0	0.86026E+01		499458.7	3603228.5	4.27	23.26
5.95	NO							
L0004133		0	0.86026E+01		499408.8	3603224.7	4.27	23.26
5.95	NO							
L0004134		0	0.86026E+01		499359.0	3603220.4	4.27	23.26
5.95	NO							
L0004135		0	0.86026E+01		499309.2	3603216.2	4.27	23.26
5.95	NO							
L0004136		0	0.86026E+01		499259.4	3603211.9	4.27	23.26
5.95	NO							
L0004137		0	0.86026E+01		499209.5	3603207.6	4.27	23.26
5.95	NO							
L0004138		0	0.86026E+01		499159.7	3603203.4	4.27	23.26
5.95	NO							
L0004139		0	0.86026E+01		499109.9	3603199.1	4.27	23.26
5.95	NO							
L0004140		0	0.86026E+01		499060.1	3603194.9	4.27	23.26
5.95	NO							
L0004141		0	0.86026E+01		499010.3	3603190.6	4.27	23.26
5.95	NO							
L0004142		0	0.86026E+01		498960.5	3603186.3	4.27	23.26
5.95	NO							
L0004143		0	0.86026E+01		498910.6	3603182.6	4.27	23.26
5.95	NO							
L0004144		0	0.86026E+01		498860.7	3603180.4	4.27	23.26
5.95	NO							
L0004145		0	0.86026E+01		498810.7	3603182.0	4.27	23.26

5.95	NO							
L0004146		0	0.86026E+01	498761.0	3603186.7	0.0	4.27	23.26
5.95	NO							
L0004147		0	0.86026E+01	498711.6	3603194.2	0.0	4.27	23.26
5.95	NO							
L0004148		0	0.86026E+01	498662.6	3603204.3	0.0	4.27	23.26
5.95	NO							
L0003164		0	0.28333E+02	498626.0	3603213.5	0.0	4.27	23.26
5.95	NO							
L0003165		0	0.28333E+02	498578.4	3603228.5	0.0	4.27	23.26
5.95	NO							
L0003166		0	0.28333E+02	498532.0	3603247.0	0.0	4.27	23.26
5.95	NO							
L0003167		0	0.28333E+02	498485.5	3603265.5	0.0	4.27	23.26
5.95	NO							
L0003168		0	0.28333E+02	498439.1	3603284.0	0.0	4.27	23.26
5.95	NO							
L0003169		0	0.28333E+02	498392.6	3603302.5	0.0	4.27	23.26
5.95	NO							
L0003170		0	0.28333E+02	498346.1	3603321.0	0.0	4.27	23.26
5.95	NO							
L0003171		0	0.28333E+02	498299.7	3603339.5	0.0	4.27	23.26
5.95	NO							
L0003172		0	0.28333E+02	498253.2	3603358.0	0.0	4.27	23.26
5.95	NO							
L0003861		0	0.58844E+01	497186.6	3600574.5	0.0	4.27	23.26
5.95	NO							
L0003862		0	0.58844E+01	497147.4	3600605.6	0.0	4.27	23.26
5.95	NO							
L0003863		0	0.58844E+01	497108.2	3600636.6	0.0	4.27	23.26
5.95	NO							
L0003864		0	0.58844E+01	497069.0	3600667.7	0.0	4.27	23.26
5.95	NO							
L0003865		0	0.58844E+01	497029.8	3600698.7	0.0	4.27	23.26
5.95	NO							
L0003866		0	0.58844E+01	496990.6	3600729.7	0.0	4.27	23.26
5.95	NO							
L0003867		0	0.58844E+01	496951.4	3600760.8	0.0	4.27	23.26
5.95	NO							
L0003868		0	0.58844E+01	496912.2	3600791.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 12

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003869		0	0.58844E+01		496873.0	3600822.8	0.0	23.26
5.95	NO							
L0003870		0	0.58844E+01		496833.8	3600853.9	0.0	23.26
5.95	NO							
L0003871		0	0.58844E+01		496794.6	3600884.9	0.0	23.26
5.95	NO							
L0003872		0	0.58844E+01		496755.4	3600916.0	0.0	23.26
5.95	NO							
L0003873		0	0.58844E+01		496716.2	3600947.0	0.0	23.26
5.95	NO							
L0003874		0	0.58844E+01		496677.0	3600978.0	0.0	23.26
5.95	NO							
L0003875		0	0.58844E+01		496638.1	3601009.5	0.0	23.26
5.95	NO							
L0003876		0	0.58844E+01		496599.4	3601041.0	0.0	23.26
5.95	NO							
L0003877		0	0.58844E+01		496560.6	3601072.6	0.0	23.26
5.95	NO							
L0003878		0	0.58844E+01		496521.8	3601104.2	0.0	23.26
5.95	NO							
L0003879		0	0.58844E+01		496483.0	3601135.7	0.0	23.26
5.95	NO							
L0003880		0	0.58844E+01		496444.2	3601167.3	0.0	23.26
5.95	NO							
L0003881		0	0.58844E+01		496405.5	3601198.8	0.0	23.26
5.95	NO							
L0003882		0	0.58844E+01		496366.7	3601230.4	0.0	23.26
5.95	NO							
L0003883		0	0.58844E+01		496327.9	3601262.0	0.0	23.26
5.95	NO							
L0003884		0	0.58844E+01		496289.1	3601293.5	0.0	23.26
5.95	NO							
L0003885		0	0.58844E+01		496258.6	3601332.8	0.0	23.26
5.95	NO							
L0003886		0	0.29530E+01		496222.5	3601391.6	0.0	23.26
5.95	NO							
L0003887		0	0.29530E+01		496201.3	3601436.8	0.0	23.26
5.95	NO							
L0003888		0	0.29530E+01		496182.7	3601483.2	0.0	23.26

5.95	NO							
L0003889		0	0.29530E+01	496166.3	3601530.4	0.0	4.27	23.26
5.95	NO							
L0003890		0	0.29530E+01	496149.9	3601577.6	0.0	4.27	23.26
5.95	NO							
L0003891		0	0.29530E+01	496137.5	3601625.9	0.0	4.27	23.26
5.95	NO							
L0003892		0	0.29530E+01	496128.9	3601675.2	0.0	4.27	23.26
5.95	NO							
L0003893		0	0.29530E+01	496120.2	3601724.4	0.0	4.27	23.26
5.95	NO							
L0003894		0	0.29530E+01	496111.5	3601773.6	0.0	4.27	23.26
5.95	NO							
L0003895		0	0.29530E+01	496102.8	3601822.9	0.0	4.27	23.26
5.95	NO							
L0003896		0	0.29530E+01	496094.1	3601872.1	0.0	4.27	23.26
5.95	NO							
L0003897		0	0.29530E+01	496085.4	3601921.4	0.0	4.27	23.26
5.95	NO							
L0003898		0	0.29530E+01	496074.8	3601970.2	0.0	4.27	23.26
5.95	NO							
L0003899		0	0.29530E+01	496062.6	3602018.7	0.0	4.27	23.26
5.95	NO							
L0003900		0	0.29530E+01	496050.3	3602067.1	0.0	4.27	23.26
5.95	NO							
L0003901		0	0.29530E+01	496042.2	3602116.5	0.0	4.27	23.26
5.95	NO							
L0003902		0	0.29530E+01	496034.2	3602165.8	0.0	4.27	23.26
5.95	NO							
L0003903		0	0.29530E+01	496026.2	3602215.2	0.0	4.27	23.26
5.95	NO							
L0003904		0	0.29530E+01	496018.2	3602264.5	0.0	4.27	23.26
5.95	NO							
L0003905		0	0.29530E+01	496012.6	3602314.1	0.0	4.27	23.26
5.95	NO							
L0003906		0	0.29530E+01	496012.0	3602364.1	0.0	4.27	23.26
5.95	NO							
L0003907		0	0.29530E+01	496011.4	3602414.1	0.0	4.27	23.26
5.95	NO							
L0003908		0	0.29530E+01	496014.9	3602463.9	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 13

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003909		0	0.29530E+01		496019.7	3602513.7	0.0	23.26
5.95	NO							
L0003910		0	0.29530E+01		496024.5	3602563.5	0.0	23.26
5.95	NO							
L0003911		0	0.29530E+01		496035.5	3602612.0	0.0	23.26
5.95	NO							
L0003912		0	0.29530E+01		496046.9	3602660.6	0.0	23.26
5.95	NO							
L0003913		0	0.29530E+01		496056.0	3602709.7	0.0	23.26
5.95	NO							
L0003914		0	0.29530E+01		496065.1	3602758.9	0.0	23.26
5.95	NO							
L0003915		0	0.29530E+01		496074.2	3602808.1	0.0	23.26
5.95	NO							
L0003916		0	0.29530E+01		496083.3	3602857.2	0.0	23.26
5.95	NO							
L0003917		0	0.29530E+01		496092.4	3602906.4	0.0	23.26
5.95	NO							
L0003918		0	0.29530E+01		496101.6	3602955.6	0.0	23.26
5.95	NO							
L0003919		0	0.29530E+01		496110.7	3603004.7	0.0	23.26
5.95	NO							
L0003920		0	0.29530E+01		496119.8	3603053.9	0.0	23.26
5.95	NO							
L0003921		0	0.29530E+01		496128.9	3603103.0	0.0	23.26
5.95	NO							
L0003922		0	0.29530E+01		496138.0	3603152.2	0.0	23.26
5.95	NO							
L0003923		0	0.29530E+01		496147.1	3603201.4	0.0	23.26
5.95	NO							
L0003924		0	0.29530E+01		496156.2	3603250.5	0.0	23.26
5.95	NO							
L0003925		0	0.29530E+01		496165.3	3603299.7	0.0	23.26
5.95	NO							
L0003926		0	0.29530E+01		496174.4	3603348.9	0.0	23.26
5.95	NO							
L0003927		0	0.29530E+01		496183.5	3603398.0	0.0	23.26
5.95	NO							
L0004149		0	0.16544E+01		505205.7	3602558.2	0.0	23.26

5.95	NO							
L0004150		0	0.16544E+01	505185.8	3602604.0	0.0	4.27	23.26
5.95	NO							
L0004151		0	0.16544E+01	505173.3	3602652.2	0.0	4.27	23.26
5.95	NO							
L0004152		0	0.16544E+01	505164.6	3602701.4	0.0	4.27	23.26
5.95	NO							
L0004153		0	0.16544E+01	505156.2	3602750.6	0.0	4.27	23.26
5.95	NO							
L0004154		0	0.16544E+01	505157.6	3602800.6	0.0	4.27	23.26
5.95	NO							
L0004155		0	0.16544E+01	505159.0	3602850.6	0.0	4.27	23.26
5.95	NO							
L0004156		0	0.16544E+01	505156.8	3602900.3	0.0	4.27	23.26
5.95	NO							
L0004157		0	0.16544E+01	505148.8	3602949.7	0.0	4.27	23.26
5.95	NO							
L0004158		0	0.16544E+01	505140.7	3602999.0	0.0	4.27	23.26
5.95	NO							
L0004159		0	0.16544E+01	505128.1	3603047.3	0.0	4.27	23.26
5.95	NO							
L0004160		0	0.16544E+01	505112.3	3603094.7	0.0	4.27	23.26
5.95	NO							
L0004161		0	0.16544E+01	505089.3	3603138.2	0.0	4.27	23.26
5.95	NO							
L0004162		0	0.16544E+01	505057.4	3603176.7	0.0	4.27	23.26
5.95	NO							
L0004163		0	0.16544E+01	505025.6	3603215.2	0.0	4.27	23.26
5.95	NO							
L0004164		0	0.16544E+01	504993.7	3603253.7	0.0	4.27	23.26
5.95	NO							
L0004165		0	0.16544E+01	504952.1	3603280.9	0.0	4.27	23.26
5.95	NO							
L0004166		0	0.16544E+01	504909.0	3603306.2	0.0	4.27	23.26
5.95	NO							
L0004167		0	0.16544E+01	504865.9	3603331.6	0.0	4.27	23.26
5.95	NO							
L0004168		0	0.16544E+01	504822.8	3603356.9	0.0	4.27	23.26
5.95	NO							
L0004169		0	0.16544E+01	504801.8	3603399.6	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 14

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004170		0	0.16544E+01		504787.5	3603447.5	0.0	4.27
5.95	NO							23.26
L0004171		0	0.16544E+01		504773.1	3603495.4	0.0	4.27
5.95	NO							23.26
L0004172		0	0.16544E+01		504758.8	3603543.3	0.0	4.27
5.95	NO							23.26
L0004173		0	0.16544E+01		504742.2	3603590.4	0.0	4.27
5.95	NO							23.26
L0004174		0	0.16544E+01		504725.0	3603637.4	0.0	4.27
5.95	NO							23.26
L0004175		0	0.16544E+01		504707.8	3603684.3	0.0	4.27
5.95	NO							23.26
L0004176		0	0.16544E+01		504688.9	3603730.4	0.0	4.27
5.95	NO							23.26
L0004177		0	0.16544E+01		504662.2	3603772.7	0.0	4.27
5.95	NO							23.26
L0004178		0	0.16544E+01		504635.5	3603815.0	0.0	4.27
5.95	NO							23.26
L0004179		0	0.16544E+01		504608.7	3603857.2	0.0	4.27
5.95	NO							23.26
L0004180		0	0.16544E+01		504575.0	3603894.1	0.0	4.27
5.95	NO							23.26
L0004181		0	0.16544E+01		504541.3	3603931.1	0.0	4.27
5.95	NO							23.26
L0004182		0	0.16544E+01		504507.6	3603968.0	0.0	4.27
5.95	NO							23.26
L0004183		0	0.16544E+01		504472.2	3604003.2	0.0	4.27
5.95	NO							23.26
L0004184		0	0.16544E+01		504434.4	3604036.0	0.0	4.27
5.95	NO							23.26
L0004185		0	0.16544E+01		504396.6	3604068.7	0.0	4.27
5.95	NO							23.26
L0004186		0	0.16544E+01		504358.3	3604100.8	0.0	4.27
5.95	NO							23.26
L0004187		0	0.16544E+01		504318.9	3604131.5	0.0	4.27
5.95	NO							23.26
L0004188		0	0.16544E+01		504279.4	3604162.2	0.0	4.27
5.95	NO							23.26
L0004189		0	0.16544E+01		504239.9	3604192.9	0.0	4.27
								23.26

5.95	NO							
L0004190		0	0.16544E+01	504200.5	3604223.6	0.0	4.27	23.26
5.95	NO							
L0004191		0	0.16544E+01	504161.0	3604254.3	0.0	4.27	23.26
5.95	NO							
L0004192		0	0.16544E+01	504121.5	3604285.0	0.0	4.27	23.26
5.95	NO							
L0004193		0	0.16544E+01	504082.0	3604315.7	0.0	4.27	23.26
5.95	NO							
L0004194		0	0.16544E+01	504042.6	3604346.4	0.0	4.27	23.26
5.95	NO							
L0004195		0	0.16544E+01	504003.1	3604377.0	0.0	4.27	23.26
5.95	NO							
L0004196		0	0.16544E+01	503963.6	3604407.7	0.0	4.27	23.26
5.95	NO							
L0004197		0	0.16544E+01	503924.2	3604438.4	0.0	4.27	23.26
5.95	NO							
L0004198		0	0.16544E+01	503884.7	3604469.1	0.0	4.27	23.26
5.95	NO							
L0004199		0	0.16544E+01	503845.2	3604499.8	0.0	4.27	23.26
5.95	NO							
L0004200		0	0.16544E+01	503805.7	3604530.5	0.0	4.27	23.26
5.95	NO							
L0004201		0	0.16544E+01	503766.3	3604561.2	0.0	4.27	23.26
5.95	NO							
L0004202		0	0.20046E+01	503713.5	3604605.1	0.0	4.27	23.26
5.95	NO							
L0004203		0	0.20046E+01	503676.5	3604638.7	0.0	4.27	23.26
5.95	NO							
L0004204		0	0.20046E+01	503639.7	3604672.6	0.0	4.27	23.26
5.95	NO							
L0004205		0	0.20046E+01	503607.4	3604710.8	0.0	4.27	23.26
5.95	NO							
L0004206		0	0.20046E+01	503575.2	3604748.9	0.0	4.27	23.26
5.95	NO							
L0004207		0	0.20046E+01	503542.9	3604787.1	0.0	4.27	23.26
5.95	NO							
L0004208		0	0.20046E+01	503510.6	3604825.3	0.0	4.27	23.26
5.95	NO							
L0004209		0	0.20046E+01	503480.9	3604865.5	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 15

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004210		0	0.20046E+01		503452.7	3604906.8	0.0	23.26
5.95	NO							
L0004211		0	0.20046E+01		503424.5	3604948.0	0.0	23.26
5.95	NO							
L0004212		0	0.20046E+01		503399.6	3604991.3	0.0	23.26
5.95	NO							
L0004213		0	0.20046E+01		503376.3	3605035.6	0.0	23.26
5.95	NO							
L0004214		0	0.20046E+01		503353.0	3605079.8	0.0	23.26
5.95	NO							
L0004215		0	0.20046E+01		503330.1	3605124.2	0.0	23.26
5.95	NO							
L0004216		0	0.20046E+01		503311.1	3605170.5	0.0	23.26
5.95	NO							
L0004217		0	0.20046E+01		503292.2	3605216.8	0.0	23.26
5.95	NO							
L0004218		0	0.20046E+01		503274.5	3605263.5	0.0	23.26
5.95	NO							
L0004219		0	0.20046E+01		503257.4	3605310.5	0.0	23.26
5.95	NO							
L0004220		0	0.20046E+01		503241.2	3605357.8	0.0	23.26
5.95	NO							
L0004221		0	0.20046E+01		503228.2	3605406.0	0.0	23.26
5.95	NO							
L0004222		0	0.20046E+01		503215.1	3605454.3	0.0	23.26
5.95	NO							
L0004223		0	0.20046E+01		503204.6	3605503.1	0.0	23.26
5.95	NO							
L0004224		0	0.20046E+01		503196.2	3605552.4	0.0	23.26
5.95	NO							
L0004225		0	0.20046E+01		503187.7	3605601.7	0.0	23.26
5.95	NO							
L0004226		0	0.20046E+01		503181.0	3605651.2	0.0	23.26
5.95	NO							
L0004227		0	0.20046E+01		503175.1	3605700.9	0.0	23.26
5.95	NO							
L0004228		0	0.20046E+01		503175.1	3605750.8	0.0	23.26
5.95	NO							
L0004229		0	0.20046E+01		503176.7	3605800.8	0.0	23.26

5.95	NO							
L0004230		0	0.20046E+01	503178.4	3605850.7	0.0	4.27	23.26
5.95	NO							
L0004231		0	0.20046E+01	503180.1	3605900.7	0.0	4.27	23.26
5.95	NO							
L0004232		0	0.20046E+01	503181.7	3605950.7	0.0	4.27	23.26
5.95	NO							
L0004233		0	0.20046E+01	503183.4	3606000.7	0.0	4.27	23.26
5.95	NO							
L0004234		0	0.20046E+01	503185.1	3606050.6	0.0	4.27	23.26
5.95	NO							
L0004235		0	0.20046E+01	503192.4	3606099.7	0.0	4.27	23.26
5.95	NO							
L0004236		0	0.20046E+01	503206.1	3606147.8	0.0	4.27	23.26
5.95	NO							
L0004237		0	0.20046E+01	503219.9	3606195.8	0.0	4.27	23.26
5.95	NO							
L0004238		0	0.20046E+01	503233.7	3606243.9	0.0	4.27	23.26
5.95	NO							
L0004239		0	0.20046E+01	503247.5	3606292.0	0.0	4.27	23.26
5.95	NO							
L0004240		0	0.20046E+01	503261.2	3606340.0	0.0	4.27	23.26
5.95	NO							
L0004241		0	0.20046E+01	503275.0	3606388.1	0.0	4.27	23.26
5.95	NO							
L0004242		0	0.20046E+01	503288.8	3606436.2	0.0	4.27	23.26
5.95	NO							
L0004243		0	0.20046E+01	503302.5	3606484.2	0.0	4.27	23.26
5.95	NO							
L0004244		0	0.20046E+01	503316.3	3606532.3	0.0	4.27	23.26
5.95	NO							
L0004245		0	0.20046E+01	503330.1	3606580.4	0.0	4.27	23.26
5.95	NO							
L0004246		0	0.20046E+01	503343.9	3606628.4	0.0	4.27	23.26
5.95	NO							
L0004247		0	0.20046E+01	503349.1	3606678.0	0.0	4.27	23.26
5.95	NO							
L0004248		0	0.20046E+01	503353.0	3606727.9	0.0	4.27	23.26
5.95	NO							
L0004249		0	0.20046E+01	503357.0	3606777.7	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 16

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004250		0	0.20046E+01		503360.9	3606827.6	0.0	23.26
5.95	NO							
L0004251		0	0.20046E+01		503363.2	3606877.5	0.0	23.26
5.95	NO							
L0004252		0	0.20046E+01		503364.4	3606927.5	0.0	23.26
5.95	NO							
L0004253		0	0.20046E+01		503365.5	3606977.5	0.0	23.26
5.95	NO							
L0004254		0	0.20046E+01		503364.1	3607027.4	0.0	23.26
5.95	NO							
L0004255		0	0.20046E+01		503360.5	3607077.3	0.0	23.26
5.95	NO							
L0004256		0	0.20046E+01		503356.8	3607127.1	0.0	23.26
5.95	NO							
L0004257		0	0.20046E+01		503353.2	3607177.0	0.0	23.26
5.95	NO							
L0004258		0	0.20046E+01		503344.1	3607226.1	0.0	23.26
5.95	NO							
L0004259		0	0.20046E+01		503333.3	3607274.9	0.0	23.26
5.95	NO							
L0004260		0	0.20046E+01		503322.6	3607323.7	0.0	23.26
5.95	NO							
L0004382		0	0.54084E+01		503556.8	3603371.1	0.0	18.60
5.95	NO							
L0004383		0	0.54084E+01		503596.8	3603370.5	0.0	18.60
5.95	NO							
L0004384		0	0.54084E+01		503636.8	3603369.8	0.0	18.60
5.95	NO							
L0004385		0	0.54084E+01		503676.8	3603369.1	0.0	18.60
5.95	NO							
L0004386		0	0.54084E+01		503716.8	3603368.5	0.0	18.60
5.95	NO							
L0004387		0	0.54084E+01		503756.8	3603367.8	0.0	18.60
5.95	NO							
L0004388		0	0.54084E+01		503796.8	3603367.1	0.0	18.60
5.95	NO							
L0004389		0	0.54084E+01		503836.8	3603366.5	0.0	18.60
5.95	NO							
L0004390		0	0.54084E+01		503876.8	3603365.8	0.0	18.60

5.95	NO							
L0004391		0	0.54084E+01	503916.8	3603365.1	0.0	4.27	18.60
5.95	NO							
L0004392		0	0.54084E+01	503956.8	3603364.5	0.0	4.27	18.60
5.95	NO							
L0004393		0	0.54084E+01	503996.8	3603363.8	0.0	4.27	18.60
5.95	NO							
L0004394		0	0.54084E+01	504036.8	3603363.1	0.0	4.27	18.60
5.95	NO							
L0004395		0	0.54084E+01	504076.8	3603362.5	0.0	4.27	18.60
5.95	NO							
L0004396		0	0.54084E+01	504116.8	3603361.8	0.0	4.27	18.60
5.95	NO							
L0004397		0	0.54084E+01	504156.8	3603361.1	0.0	4.27	18.60
5.95	NO							
L0004398		0	0.54084E+01	504196.8	3603360.5	0.0	4.27	18.60
5.95	NO							
L0004399		0	0.54084E+01	504236.8	3603359.8	0.0	4.27	18.60
5.95	NO							
L0004400		0	0.54084E+01	504276.7	3603359.1	0.0	4.27	18.60
5.95	NO							
L0004401		0	0.54084E+01	504316.7	3603358.5	0.0	4.27	18.60
5.95	NO							
L0004402		0	0.40563E+01	504366.9	3603357.2	0.0	4.27	18.60
5.95	NO							
L0004403		0	0.40563E+01	504406.9	3603357.0	0.0	4.27	18.60
5.95	NO							
L0004404		0	0.40563E+01	504446.9	3603356.7	0.0	4.27	18.60
5.95	NO							
L0004405		0	0.40563E+01	504486.9	3603356.5	0.0	4.27	18.60
5.95	NO							
L0004406		0	0.40563E+01	504526.9	3603356.3	0.0	4.27	18.60
5.95	NO							
L0004407		0	0.40563E+01	504566.9	3603356.0	0.0	4.27	18.60
5.95	NO							
L0004408		0	0.40563E+01	504606.9	3603355.8	0.0	4.27	18.60
5.95	NO							
L0004409		0	0.40563E+01	504646.9	3603355.6	0.0	4.27	18.60
5.95	NO							
L0004410		0	0.40563E+01	504686.9	3603355.3	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 17

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004411		0	0.40563E+01		504726.9	3603355.1	0.0	4.27
5.95	NO							18.60
L0004412		0	0.40563E+01		504766.9	3603354.9	0.0	4.27
5.95	NO							18.60
L0004413		0	0.40563E+01		504806.9	3603354.6	0.0	4.27
5.95	NO							18.60
L0004458		0	0.60781E+01		501070.8	3602603.2	0.0	4.27
5.95	NO							18.60
L0004459		0	0.60781E+01		501030.8	3602603.0	0.0	4.27
5.95	NO							18.60
L0004460		0	0.60781E+01		500990.8	3602602.7	0.0	4.27
5.95	NO							18.60
L0004461		0	0.60781E+01		500950.8	3602602.3	0.0	4.27
5.95	NO							18.60
L0004462		0	0.60781E+01		500910.8	3602602.0	0.0	4.27
5.95	NO							18.60
L0004463		0	0.60781E+01		500870.9	3602600.5	0.0	4.27
5.95	NO							18.60
L0004464		0	0.60781E+01		500831.5	3602593.7	0.0	4.27
5.95	NO							18.60
L0004465		0	0.60781E+01		500792.1	3602586.9	0.0	4.27
5.95	NO							18.60
L0004466		0	0.60781E+01		500754.5	3602573.1	0.0	4.27
5.95	NO							18.60
L0004467		0	0.60781E+01		500718.5	3602555.9	0.0	4.27
5.95	NO							18.60
L0004468		0	0.60781E+01		500683.3	3602537.0	0.0	4.27
5.95	NO							18.60
L0004469		0	0.60781E+01		500649.0	3602516.3	0.0	4.27
5.95	NO							18.60
L0004470		0	0.60781E+01		500614.9	3602495.5	0.0	4.27
5.95	NO							18.60
L0004471		0	0.60781E+01		500577.9	3602480.6	0.0	4.27
5.95	NO							18.60
L0004472		0	0.60781E+01		500540.0	3602468.1	0.0	4.27
5.95	NO							18.60
L0004473		0	0.60781E+01		500500.8	3602459.9	0.0	4.27
5.95	NO							18.60
L0004474		0	0.60781E+01		500461.3	3602454.1	0.0	4.27

5.95	NO							
L0004475		0	0.60781E+01	500421.4	3602452.4	0.0	4.27	18.60
5.95	NO							
L0004476		0	0.60781E+01	500381.4	3602450.6	0.0	4.27	18.60
5.95	NO							
L0004477		0	0.60781E+01	500341.4	3602450.3	0.0	4.27	18.60
5.95	NO							
L0004478		0	0.60781E+01	500301.4	3602449.9	0.0	4.27	18.60
5.95	NO							
L0004428		0	0.15576E+02	505993.4	3602159.7	0.0	4.27	18.60
5.95	NO							
L0004429		0	0.15576E+02	505953.5	3602158.5	0.0	4.27	18.60
5.95	NO							
L0004430		0	0.15576E+02	505913.7	3602153.9	0.0	4.27	18.60
5.95	NO							
L0004431		0	0.15576E+02	505874.7	3602145.7	0.0	4.27	18.60
5.95	NO							
L0004432		0	0.15576E+02	505838.7	3602129.0	0.0	4.27	18.60
5.95	NO							
L0004433		0	0.15576E+02	505804.8	3602107.8	0.0	4.27	18.60
5.95	NO							
L0004434		0	0.15576E+02	505771.6	3602085.5	0.0	4.27	18.60
5.95	NO							
L0004435		0	0.15576E+02	505738.4	3602063.2	0.0	4.27	18.60
5.95	NO							
L0004436		0	0.15576E+02	505705.2	3602040.9	0.0	4.27	18.60
5.95	NO							
L0004437		0	0.15576E+02	505672.0	3602018.6	0.0	4.27	18.60
5.95	NO							
L0004414		0	0.99670E+01	505627.4	3601988.2	0.0	4.27	18.60
5.95	NO							
L0004415		0	0.99670E+01	505594.7	3601965.3	0.0	4.27	18.60
5.95	NO							
L0004416		0	0.99670E+01	505562.0	3601942.3	0.0	4.27	18.60
5.95	NO							
L0004417		0	0.99670E+01	505529.2	3601919.3	0.0	4.27	18.60
5.95	NO							
L0004418		0	0.99670E+01	505496.5	3601896.3	0.0	4.27	18.60
5.95	NO							
L0004419		0	0.99670E+01	505463.7	3601873.3	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 18

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004420		0	0.99670E+01		505431.0	3601850.4	0.0	4.27
5.95	NO							18.60
L0004421		0	0.99670E+01		505397.6	3601828.4	0.0	4.27
5.95	NO							18.60
L0004422		0	0.99670E+01		505363.1	3601808.1	0.0	4.27
5.95	NO							18.60
L0004423		0	0.99670E+01		505328.7	3601787.7	0.0	4.27
5.95	NO							18.60
L0004424		0	0.99670E+01		505292.7	3601770.3	0.0	4.27
5.95	NO							18.60
L0004425		0	0.99670E+01		505254.9	3601757.7	0.0	4.27
5.95	NO							18.60
L0004426		0	0.99670E+01		505216.2	3601747.6	0.0	4.27
5.95	NO							18.60
L0004427		0	0.99670E+01		505177.3	3601738.9	0.0	4.27
5.95	NO							18.60
L0004479		0	0.58817E+01		499493.0	3606142.0	0.0	4.27
5.95	NO							23.26
L0004480		0	0.58817E+01		499509.3	3606094.7	0.0	4.27
5.95	NO							23.26
L0004481		0	0.58817E+01		499525.6	3606047.4	0.0	4.27
5.95	NO							23.26
L0004482		0	0.58817E+01		499542.0	3606000.2	0.0	4.27
5.95	NO							23.26
L0004483		0	0.58817E+01		499558.3	3605952.9	0.0	4.27
5.95	NO							23.26
L0004484		0	0.58817E+01		499574.6	3605905.7	0.0	4.27
5.95	NO							23.26
L0004485		0	0.58817E+01		499591.0	3605858.4	0.0	4.27
5.95	NO							23.26
L0004486		0	0.58817E+01		499607.3	3605811.2	0.0	4.27
5.95	NO							23.26
L0004487		0	0.58817E+01		499623.6	3605763.9	0.0	4.27
5.95	NO							23.26
L0004488		0	0.58817E+01		499640.0	3605716.6	0.0	4.27
5.95	NO							23.26
L0004489		0	0.58817E+01		499656.3	3605669.4	0.0	4.27
5.95	NO							23.26
L0004490		0	0.58817E+01		499672.6	3605622.1	0.0	4.27
								23.26

5.95	NO							
L0004491		0	0.58817E+01	499689.0	3605574.9	0.0	4.27	23.26
5.95	NO							
L0004492		0	0.58817E+01	499705.3	3605527.6	0.0	4.27	23.26
5.95	NO							
L0004493		0	0.58817E+01	499721.6	3605480.4	0.0	4.27	23.26
5.95	NO							
L0004494		0	0.58817E+01	499739.9	3605434.6	0.0	4.27	23.26
5.95	NO							
L0004495		0	0.58817E+01	499782.3	3605408.1	0.0	4.27	23.26
5.95	NO							
L0004496		0	0.58817E+01	499824.4	3605381.3	0.0	4.27	23.26
5.95	NO							
L0004497		0	0.58817E+01	499844.0	3605335.3	0.0	4.27	23.26
5.95	NO							
L0004498		0	0.58817E+01	499863.5	3605289.3	0.0	4.27	23.26
5.95	NO							
L0004499		0	0.58817E+01	499883.1	3605243.3	0.0	4.27	23.26
5.95	NO							
L0004500		0	0.58817E+01	499902.7	3605197.3	0.0	4.27	23.26
5.95	NO							
L0004501		0	0.58817E+01	499918.1	3605150.4	0.0	4.27	23.26
5.95	NO							
L0004502		0	0.58817E+01	499918.8	3605100.4	0.0	4.27	23.26
5.95	NO							
L0004503		0	0.58817E+01	499919.6	3605050.5	0.0	4.27	23.26
5.95	NO							
L0004504		0	0.58817E+01	499920.3	3605000.5	0.0	4.27	23.26
5.95	NO							
L0004505		0	0.58817E+01	499921.0	3604950.5	0.0	4.27	23.26
5.95	NO							
L0004506		0	0.58817E+01	499921.8	3604900.5	0.0	4.27	23.26
5.95	NO							
L0004507		0	0.58817E+01	499924.9	3604850.8	0.0	4.27	23.26
5.95	NO							
L0004508		0	0.58817E+01	499935.7	3604801.9	0.0	4.27	23.26
5.95	NO							
L0004509		0	0.58817E+01	499946.5	3604753.1	0.0	4.27	23.26
5.95	NO							
L0004510		0	0.58817E+01	499957.3	3604704.3	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 19

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0004511		0	0.98625E+01		499970.0	3604650.4	4.27	23.26
5.95	NO							
L0004512		0	0.98625E+01		499982.4	3604601.9	4.27	23.26
5.95	NO							
L0004513		0	0.98625E+01		499994.8	3604553.5	4.27	23.26
5.95	NO							
L0004514		0	0.98625E+01		500007.2	3604505.1	4.27	23.26
5.95	NO							
L0004515		0	0.98625E+01		500019.6	3604456.6	4.27	23.26
5.95	NO							
L0004516		0	0.98625E+01		500032.1	3604408.2	4.27	23.26
5.95	NO							
L0004517		0	0.98625E+01		500044.5	3604359.7	4.27	23.26
5.95	NO							
L0004518		0	0.98625E+01		500056.9	3604311.3	4.27	23.26
5.95	NO							
L0004519		0	0.98625E+01		500069.3	3604262.9	4.27	23.26
5.95	NO							
L0004520		0	0.98625E+01		500081.7	3604214.4	4.27	23.26
5.95	NO							
L0004521		0	0.98625E+01		500094.1	3604166.0	4.27	23.26
5.95	NO							
L0004522		0	0.98625E+01		500106.5	3604117.6	4.27	23.26
5.95	NO							
L0004523		0	0.98625E+01		500118.9	3604069.1	4.27	23.26
5.95	NO							
L0004524		0	0.98625E+01		500132.3	3604021.0	4.27	23.26
5.95	NO							
L0004525		0	0.98625E+01		500147.5	3603973.4	4.27	23.26
5.95	NO							
L0004526		0	0.98625E+01		500162.8	3603925.7	4.27	23.26
5.95	NO							
L0004527		0	0.98625E+01		500178.1	3603878.1	4.27	23.26
5.95	NO							
L0004438		0	0.11250E+02		501899.8	3602963.7	0.00	18.60
5.95	NO							
L0004439		0	0.11250E+02		501899.6	3602923.7	0.00	18.60
5.95	NO							
L0004440		0	0.11250E+02		501899.3	3602883.7	0.00	18.60

5.95	NO							
L0004441		0	0.11250E+02	501899.0	3602843.7	0.0	0.00	18.60
5.95	NO							
L0004442		0	0.11250E+02	501898.8	3602803.7	0.0	0.00	18.60
5.95	NO							
L0004443		0	0.11250E+02	501898.5	3602763.7	0.0	0.00	18.60
5.95	NO							
L0004444		0	0.11250E+02	501898.3	3602723.7	0.0	0.00	18.60
5.95	NO							
L0004445		0	0.11250E+02	501898.0	3602683.7	0.0	0.00	18.60
5.95	NO							
L0004446		0	0.11250E+02	501897.7	3602643.7	0.0	0.00	18.60
5.95	NO							
L0004447		0	0.11250E+02	501897.5	3602603.7	0.0	0.00	18.60
5.95	NO							
L0004448		0	0.16334E+02	503523.9	3602959.0	0.0	4.27	18.60
5.95	NO							
L0004449		0	0.16334E+02	503524.7	3602919.0	0.0	4.27	18.60
5.95	NO							
L0004450		0	0.16334E+02	503525.4	3602879.0	0.0	4.27	18.60
5.95	NO							
L0004451		0	0.16334E+02	503526.2	3602839.0	0.0	4.27	18.60
5.95	NO							
L0004452		0	0.16334E+02	503527.0	3602799.0	0.0	4.27	18.60
5.95	NO							
L0004453		0	0.16334E+02	503527.7	3602759.0	0.0	4.27	18.60
5.95	NO							
L0004454		0	0.16334E+02	503528.5	3602719.1	0.0	4.27	18.60
5.95	NO							
L0004455		0	0.16334E+02	503529.3	3602679.1	0.0	4.27	18.60
5.95	NO							
L0004456		0	0.16334E+02	503530.0	3602639.1	0.0	4.27	18.60
5.95	NO							
L0004457		0	0.16334E+02	503530.8	3602599.1	0.0	4.27	18.60
5.95	NO							
L0004528		0	0.86535E+01	500285.9	3602470.0	0.0	12.80	18.60
1.98	NO							
L0004529		0	0.86535E+01	500286.1	3602510.0	0.0	12.80	18.60
1.98	NO							
L0004530		0	0.86535E+01	500286.3	3602550.0	0.0	12.80	18.60
1.98	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 20

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	PART.	(GRAMS/SEC)				ELEV.	HEIGHT
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						(METERS)
L0004531		0	0.86535E+01		500286.4	3602590.0	0.0	12.80
1.98	NO							18.60
L0004532		0	0.86535E+01		500286.6	3602630.0	0.0	12.80
1.98	NO							18.60
L0004533		0	0.86535E+01		500286.8	3602670.0	0.0	12.80
1.98	NO							18.60
L0004534		0	0.86535E+01		500287.0	3602710.0	0.0	12.80
1.98	NO							18.60
L0004535		0	0.86535E+01		500287.1	3602750.0	0.0	12.80
1.98	NO							18.60
L0004536		0	0.86535E+01		500287.3	3602790.0	0.0	12.80
1.98	NO							18.60
L0004537		0	0.86535E+01		500287.5	3602830.0	0.0	12.80
1.98	NO							18.60
L0004538		0	0.86535E+01		500287.7	3602870.0	0.0	12.80
1.98	NO							18.60
L0004539		0	0.86535E+01		500287.8	3602910.0	0.0	12.80
1.98	NO							18.60
L0004540		0	0.86535E+01		500288.0	3602950.0	0.0	12.80
1.98	NO							18.60
L0004549		0	0.27702E+01		501911.8	3601775.8	0.0	4.27
5.95	NO							18.60
L0004550		0	0.27702E+01		501951.8	3601775.6	0.0	4.27
5.95	NO							18.60
L0004551		0	0.27702E+01		501991.8	3601775.5	0.0	4.27
5.95	NO							18.60
L0004552		0	0.27702E+01		502031.8	3601775.4	0.0	4.27
5.95	NO							18.60
L0004553		0	0.27702E+01		502071.8	3601775.3	0.0	4.27
5.95	NO							18.60
L0004554		0	0.27702E+01		502111.8	3601775.1	0.0	4.27
5.95	NO							18.60
L0004555		0	0.27702E+01		502151.8	3601775.0	0.0	4.27
5.95	NO							18.60
L0004556		0	0.27702E+01		502191.8	3601774.9	0.0	4.27
5.95	NO							18.60
L0004557		0	0.27702E+01		502231.8	3601774.8	0.0	4.27
5.95	NO							18.60
L0004558		0	0.27702E+01		502271.8	3601774.7	0.0	4.27

5.95	NO							
L0004559		0	0.27702E+01	502311.8	3601774.5	0.0	4.27	18.60
5.95	NO							
L0004560		0	0.27702E+01	502351.8	3601774.4	0.0	4.27	18.60
5.95	NO							
L0004561		0	0.27702E+01	502391.8	3601774.3	0.0	4.27	18.60
5.95	NO							
L0004562		0	0.27702E+01	502431.8	3601774.2	0.0	4.27	18.60
5.95	NO							
L0004563		0	0.27702E+01	502471.8	3601774.0	0.0	4.27	18.60
5.95	NO							
L0004564		0	0.27702E+01	502511.8	3601773.9	0.0	4.27	18.60
5.95	NO							
L0004565		0	0.27702E+01	502551.8	3601773.8	0.0	4.27	18.60
5.95	NO							
L0004566		0	0.27702E+01	502591.8	3601773.7	0.0	4.27	18.60
5.95	NO							
L0004567		0	0.27702E+01	502631.8	3601773.6	0.0	4.27	18.60
5.95	NO							
L0004568		0	0.27702E+01	502671.8	3601773.4	0.0	4.27	18.60
5.95	NO							
L0004569		0	0.27702E+01	502711.8	3601773.3	0.0	4.27	18.60
5.95	NO							
L0004570		0	0.27702E+01	502751.8	3601773.2	0.0	4.27	18.60
5.95	NO							
L0004571		0	0.27702E+01	502791.8	3601773.1	0.0	4.27	18.60
5.95	NO							
L0004572		0	0.27702E+01	502831.8	3601772.9	0.0	4.27	18.60
5.95	NO							
L0004573		0	0.27702E+01	502871.8	3601772.8	0.0	4.27	18.60
5.95	NO							
L0004574		0	0.27702E+01	502911.8	3601772.7	0.0	4.27	18.60
5.95	NO							
L0004575		0	0.27702E+01	502951.8	3601772.6	0.0	4.27	18.60
5.95	NO							
L0004576		0	0.27702E+01	502991.8	3601772.5	0.0	4.27	18.60
5.95	NO							
L0004577		0	0.27702E+01	503031.8	3601772.3	0.0	4.27	18.60
5.95	NO							
L0004578		0	0.27702E+01	503071.8	3601772.2	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 21

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0004579		0	0.27702E+01		503111.8	3601772.1	4.27	18.60
5.95	NO							
L0004580		0	0.27702E+01		503151.8	3601772.0	4.27	18.60
5.95	NO							
L0004581		0	0.27702E+01		503191.8	3601771.9	4.27	18.60
5.95	NO							
L0004582		0	0.27702E+01		503231.8	3601771.7	4.27	18.60
5.95	NO							
L0004583		0	0.27702E+01		503271.8	3601771.6	4.27	18.60
5.95	NO							
L0004584		0	0.27702E+01		503311.8	3601771.5	4.27	18.60
5.95	NO							
L0004585		0	0.27702E+01		503351.8	3601771.4	4.27	18.60
5.95	NO							
L0004586		0	0.27702E+01		503391.8	3601771.2	4.27	18.60
5.95	NO							
L0004587		0	0.27702E+01		503431.8	3601771.1	4.27	18.60
5.95	NO							
L0004588		0	0.27702E+01		503471.8	3601771.0	4.27	18.60
5.95	NO							
L0004589		0	0.27702E+01		503511.8	3601770.9	4.27	18.60
5.95	NO							
L0004590		0	0.66447E+01		503536.8	3603392.7	4.27	18.60
5.95	NO							
L0004591		0	0.66447E+01		503536.5	3603432.7	4.27	18.60
5.95	NO							
L0004592		0	0.66447E+01		503536.2	3603472.7	4.27	18.60
5.95	NO							
L0004593		0	0.66447E+01		503536.0	3603512.7	4.27	18.60
5.95	NO							
L0004594		0	0.66447E+01		503535.7	3603552.7	4.27	18.60
5.95	NO							
L0004595		0	0.66447E+01		503535.4	3603592.7	4.27	18.60
5.95	NO							
L0004596		0	0.66447E+01		503535.1	3603632.7	4.27	18.60
5.95	NO							
L0004597		0	0.66447E+01		503534.8	3603672.7	4.27	18.60
5.95	NO							
L0004598		0	0.66447E+01		503534.5	3603712.7	4.27	18.60

5.95	NO							
L0004599		0	0.66447E+01	503534.2	3603752.7	0.0	4.27	18.60
5.95	NO							
L0004600		0	0.66447E+01	503534.0	3603792.7	0.0	4.27	18.60
5.95	NO							
L0004601		0	0.66447E+01	503533.7	3603832.7	0.0	4.27	18.60
5.95	NO							
L0004602		0	0.66447E+01	503533.4	3603872.7	0.0	4.27	18.60
5.95	NO							
L0004603		0	0.66447E+01	503533.1	3603912.7	0.0	4.27	18.60
5.95	NO							
L0004604		0	0.66447E+01	503532.8	3603952.7	0.0	4.27	18.60
5.95	NO							
L0004605		0	0.66447E+01	503532.5	3603992.7	0.0	4.27	18.60
5.95	NO							
L0004606		0	0.66447E+01	503532.3	3604032.7	0.0	4.27	18.60
5.95	NO							
L0004607		0	0.66447E+01	503532.0	3604072.7	0.0	4.27	18.60
5.95	NO							
L0004608		0	0.66447E+01	503531.7	3604112.7	0.0	4.27	18.60
5.95	NO							
L0004609		0	0.66447E+01	503531.4	3604152.7	0.0	4.27	18.60
5.95	NO							
L0004610		0	0.66447E+01	503531.1	3604192.7	0.0	4.27	18.60
5.95	NO							
L0004622		0	0.20119E+02	503529.9	3604221.5	0.0	4.27	18.60
5.95	NO							
L0004623		0	0.20119E+02	503530.9	3604261.4	0.0	4.27	18.60
5.95	NO							
L0004624		0	0.20119E+02	503531.9	3604301.4	0.0	4.27	18.60
5.95	NO							
L0004625		0	0.20119E+02	503532.9	3604341.4	0.0	4.27	18.60
5.95	NO							
L0004626		0	0.20119E+02	503534.0	3604381.4	0.0	4.27	18.60
5.95	NO							
L0004627		0	0.20119E+02	503535.0	3604421.4	0.0	4.27	18.60
5.95	NO							
L0004628		0	0.20119E+02	503536.0	3604461.4	0.0	4.27	18.60
5.95	NO							
L0004629		0	0.20119E+02	503537.0	3604501.4	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 22

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	PART.	(GRAMS/SEC)				ELEV.	HEIGHT
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						(METERS)
L0004630		0	0.20119E+02		503538.1	3604541.3	0.0	4.27
5.95	NO							18.60
L0004631		0	0.20119E+02		503539.1	3604581.3	0.0	4.27
5.95	NO							18.60
L0004632		0	0.23797E+02		503559.4	3604587.1	0.0	4.27
5.95	NO							18.60
L0004633		0	0.23797E+02		503599.4	3604587.2	0.0	4.27
5.95	NO							18.60
L0004634		0	0.23797E+02		503639.4	3604587.4	0.0	4.27
5.95	NO							18.60
L0004635		0	0.23797E+02		503679.4	3604587.5	0.0	4.27
5.95	NO							18.60
L0004636		0	0.23797E+02		503719.4	3604587.7	0.0	4.27
5.95	NO							18.60
L0004637		0	0.33687E+01		503752.8	3604587.3	0.0	4.27
5.95	NO							18.60
L0004638		0	0.33687E+01		503792.8	3604586.5	0.0	4.27
5.95	NO							18.60
L0004639		0	0.33687E+01		503832.8	3604585.8	0.0	4.27
5.95	NO							18.60
L0004640		0	0.33687E+01		503872.8	3604585.1	0.0	4.27
5.95	NO							18.60
L0004641		0	0.33687E+01		503912.8	3604584.3	0.0	4.27
5.95	NO							18.60
L0004642		0	0.33687E+01		503952.8	3604583.6	0.0	4.27
5.95	NO							18.60
L0004643		0	0.33687E+01		503992.8	3604582.8	0.0	4.27
5.95	NO							18.60
L0004644		0	0.33687E+01		504032.8	3604582.1	0.0	4.27
5.95	NO							18.60
L0004645		0	0.33687E+01		504072.8	3604581.4	0.0	4.27
5.95	NO							18.60
L0004646		0	0.33687E+01		504112.7	3604580.6	0.0	4.27
5.95	NO							18.60
L0004647		0	0.33687E+01		504152.7	3604579.9	0.0	4.27
5.95	NO							18.60
L0004648		0	0.33687E+01		504192.7	3604579.2	0.0	4.27
5.95	NO							18.60
L0004649		0	0.33687E+01		504232.7	3604578.4	0.0	4.27

5.95	NO							
L0004650		0	0.33687E+01	504272.7	3604577.7	0.0	4.27	18.60
5.95	NO							
L0004651		0	0.33687E+01	504312.7	3604577.0	0.0	4.27	18.60
5.95	NO							
L0004652		0	0.33687E+01	504352.7	3604576.2	0.0	4.27	18.60
5.95	NO							
L0004653		0	0.33687E+01	504392.7	3604575.5	0.0	4.27	18.60
5.95	NO							
L0004654		0	0.33687E+01	504432.7	3604574.7	0.0	4.27	18.60
5.95	NO							
L0004655		0	0.33687E+01	504472.7	3604574.0	0.0	4.27	18.60
5.95	NO							
L0004656		0	0.33687E+01	504512.7	3604573.3	0.0	4.27	18.60
5.95	NO							
L0004657		0	0.33687E+01	504552.7	3604572.5	0.0	4.27	18.60
5.95	NO							
L0004658		0	0.33687E+01	504592.7	3604571.8	0.0	4.27	18.60
5.95	NO							
L0004659		0	0.33687E+01	504632.7	3604571.1	0.0	4.27	18.60
5.95	NO							
L0004660		0	0.33687E+01	504672.7	3604570.3	0.0	4.27	18.60
5.95	NO							
L0004661		0	0.33687E+01	504712.6	3604569.6	0.0	4.27	18.60
5.95	NO							
L0004662		0	0.33687E+01	504752.6	3604568.9	0.0	4.27	18.60
5.95	NO							
L0004663		0	0.33687E+01	504792.6	3604568.1	0.0	4.27	18.60
5.95	NO							
L0004664		0	0.33687E+01	504832.6	3604567.4	0.0	4.27	18.60
5.95	NO							
L0004665		0	0.33687E+01	504872.6	3604566.7	0.0	4.27	18.60
5.95	NO							
L0004666		0	0.33687E+01	504912.6	3604565.9	0.0	4.27	18.60
5.95	NO							
L0004667		0	0.33687E+01	504952.6	3604565.2	0.0	4.27	18.60
5.95	NO							
L0004668		0	0.33687E+01	504992.6	3604564.4	0.0	4.27	18.60
5.95	NO							
L0004669		0	0.33687E+01	505032.6	3604563.7	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 23

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0004670		0	0.33687E+01		505072.6	3604563.0	0.0	4.27
5.95	NO							18.60
L0004671		0	0.33687E+01		505112.6	3604562.2	0.0	4.27
5.95	NO							18.60
L0004691		0	0.69355E+01		503551.9	3602572.6	0.0	4.27
5.95	NO							18.60
L0004692		0	0.69355E+01		503591.9	3602571.9	0.0	4.27
5.95	NO							18.60
L0004693		0	0.69355E+01		503631.9	3602571.1	0.0	4.27
5.95	NO							18.60
L0004694		0	0.69355E+01		503671.9	3602570.3	0.0	4.27
5.95	NO							18.60
L0004695		0	0.69355E+01		503711.9	3602569.6	0.0	4.27
5.95	NO							18.60
L0004696		0	0.69355E+01		503751.9	3602568.8	0.0	4.27
5.95	NO							18.60
L0004697		0	0.69355E+01		503791.9	3602568.1	0.0	4.27
5.95	NO							18.60
L0004698		0	0.69355E+01		503831.9	3602567.3	0.0	4.27
5.95	NO							18.60
L0004699		0	0.69355E+01		503871.9	3602566.5	0.0	4.27
5.95	NO							18.60
L0004700		0	0.69355E+01		503911.9	3602565.8	0.0	4.27
5.95	NO							18.60
L0004701		0	0.69355E+01		503951.9	3602565.0	0.0	4.27
5.95	NO							18.60
L0004702		0	0.69355E+01		503991.9	3602564.2	0.0	4.27
5.95	NO							18.60
L0004703		0	0.69355E+01		504031.8	3602563.5	0.0	4.27
5.95	NO							18.60
L0004704		0	0.69355E+01		504071.8	3602562.7	0.0	4.27
5.95	NO							18.60
L0004705		0	0.69355E+01		504111.8	3602561.9	0.0	4.27
5.95	NO							18.60
L0004706		0	0.69355E+01		504151.8	3602561.2	0.0	4.27
5.95	NO							18.60
L0004707		0	0.69355E+01		504191.8	3602560.4	0.0	4.27
5.95	NO							18.60

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 24

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
ALL	L0003988	, L0003989	, L0003990	, L0003991	, L0003992	,
L0003993	, L0003994	, L0003995	,			
L0004001	L0003996	, L0003997	, L0003998	, L0003999	, L0004000	,
	, L0004002	, L0004003	,			
L0004009	L0004004	, L0004005	, L0004006	, L0004007	, L0004008	,
	, L0004010	, L0004011	,			
L0004017	L0004012	, L0004013	, L0004014	, L0004015	, L0004016	,
	, L0004018	, L0004019	,			
L0004025	L0004020	, L0004021	, L0004022	, L0004023	, L0004024	,
	, L0004026	, L0004027	,			
L0004033	L0004028	, L0004029	, L0004030	, L0004031	, L0004032	,
	, L0004034	, L0004035	,			
L0004041	L0004036	, L0004037	, L0004038	, L0004039	, L0004040	,
	, L0004042	, L0004043	,			
L0004049	L0004044	, L0004045	, L0004046	, L0004047	, L0004048	,
	, L0004050	, L0003123	,			
L0003129	L0003124	, L0003125	, L0003126	, L0003127	, L0003128	,
	, L0003130	, L0003131	,			
L0003137	L0003132	, L0003133	, L0003134	, L0003135	, L0003136	,
	, L0003138	, L0003139	,			
L0003145	L0003140	, L0003141	, L0003142	, L0003143	, L0003144	,
	, L0003146	, L0003147	,			
L0003153	L0003148	, L0003149	, L0003150	, L0003151	, L0003152	,
	, L0003154	, L0003155	,			
L0003161	L0003156	, L0003157	, L0003158	, L0003159	, L0003160	,
	, L0003162	, L0003163	,			
L0003933	L0003928	, L0003929	, L0003930	, L0003931	, L0003932	,
	, L0003934	, L0003935	,			
L0003941	L0003936	, L0003937	, L0003938	, L0003939	, L0003940	,
	, L0003942	, L0003943	,			

L0003949 L0003944 , L0003945 , L0003946 , L0003947 , L0003948 ,
 , L0003950 , L0003951 ,

L0003957 L0003952 , L0003953 , L0003954 , L0003955 , L0003956 ,
 , L0003958 , L0003959 ,

L0003965 L0003960 , L0003961 , L0003962 , L0003963 , L0003964 ,
 , L0003966 , L0003967 ,

L0003973 L0003968 , L0003969 , L0003970 , L0003971 , L0003972 ,
 , L0003974 , L0003975 ,

L0003981 L0003976 , L0003977 , L0003978 , L0003979 , L0003980 ,
 , L0003982 , L0003983 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 25

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0004262	L0003984 , L0004263	, L0003985 , L0004264	, L0003986 ,	, L0003987	, L0004261	,
L0004270	L0004265 , L0004271	, L0004266 , L0004272	, L0004267 ,	, L0004268	, L0004269	,
L0004278	L0004273 , L0004279	, L0004274 , L0004280	, L0004275 ,	, L0004276	, L0004277	,
L0004286	L0004281 , L0004287	, L0004282 , L0004288	, L0004283 ,	, L0004284	, L0004285	,
L0004294	L0004289 , L0004295	, L0004290 , L0004296	, L0004291 ,	, L0004292	, L0004293	,
L0004302	L0004297 , L0004303	, L0004298 , L0004304	, L0004299 ,	, L0004300	, L0004301	,
L0004310	L0004305 , L0004311	, L0004306 , L0004312	, L0004307 ,	, L0004308	, L0004309	,
L0004318	L0004313 , L0004319	, L0004314 , L0004320	, L0004315 ,	, L0004316	, L0004317	,
L0004326	L0004321 , L0004327	, L0004322 , L0004328	, L0004323 ,	, L0004324	, L0004325	,
L0004334	L0004329 , L0004335	, L0004330 , L0004336	, L0004331 ,	, L0004332	, L0004333	,
L0004342	L0004337 , L0004343	, L0004338 , L0004344	, L0004339 ,	, L0004340	, L0004341	,
L0004350	L0004345 , L0004351	, L0004346 , L0004352	, L0004347 ,	, L0004348	, L0004349	,
L0004358	L0004353 , L0004359	, L0004354 , L0004360	, L0004355 ,	, L0004356	, L0004357	,
L0004366	L0004361 , L0004367	, L0004362 , L0004368	, L0004363 ,	, L0004364	, L0004365	,
L0004374	L0004369 , L0004375	, L0004370 , L0004376	, L0004371 ,	, L0004372	, L0004373	,

L0004051 L0004377 , L0004378 , L0004379 , L0004380 , L0004381 ,
 , L0004052 , L0004053 ,
L0004059 L0004054 , L0004055 , L0004056 , L0004057 , L0004058 ,
 , L0004060 , L0004061 ,
L0004067 L0004062 , L0004063 , L0004064 , L0004065 , L0004066 ,
 , L0004068 , L0004069 ,
L0004075 L0004070 , L0004071 , L0004072 , L0004073 , L0004074 ,
 , L0004076 , L0004077 ,
L0004083 L0004078 , L0004079 , L0004080 , L0004081 , L0004082 ,
 , L0004084 , L0004085 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 26

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0004091	L0004086 , L0004092	, L0004087 , L0004093	, L0004088 ,	, L0004089	, L0004090	,
L0004099	L0004094 , L0004100	, L0004095 , L0004101	, L0004096 ,	, L0004097	, L0004098	,
L0004107	L0004102 , L0004108	, L0004103 , L0004109	, L0004104 ,	, L0004105	, L0004106	,
L0004115	L0004110 , L0004116	, L0004111 , L0004117	, L0004112 ,	, L0004113	, L0004114	,
L0004123	L0004118 , L0004124	, L0004119 , L0004125	, L0004120 ,	, L0004121	, L0004122	,
L0004131	L0004126 , L0004132	, L0004127 , L0004133	, L0004128 ,	, L0004129	, L0004130	,
L0004139	L0004134 , L0004140	, L0004135 , L0004141	, L0004136 ,	, L0004137	, L0004138	,
L0004147	L0004142 , L0004148	, L0004143 , L0003164	, L0004144 ,	, L0004145	, L0004146	,
L0003170	L0003165 , L0003171	, L0003166 , L0003172	, L0003167 ,	, L0003168	, L0003169	,
L0003866	L0003861 , L0003867	, L0003862 , L0003868	, L0003863 ,	, L0003864	, L0003865	,
L0003874	L0003869 , L0003875	, L0003870 , L0003876	, L0003871 ,	, L0003872	, L0003873	,
L0003882	L0003877 , L0003883	, L0003878 , L0003884	, L0003879 ,	, L0003880	, L0003881	,
L0003890	L0003885 , L0003891	, L0003886 , L0003892	, L0003887 ,	, L0003888	, L0003889	,
L0003898	L0003893 , L0003899	, L0003894 , L0003900	, L0003895 ,	, L0003896	, L0003897	,
L0003906	L0003901 , L0003907	, L0003902 , L0003908	, L0003903 ,	, L0003904	, L0003905	,

L0003914 L0003909 , L0003910 , L0003911 , L0003912 , L0003913 ,
 , L0003915 , L0003916 ,

L0003922 L0003917 , L0003918 , L0003919 , L0003920 , L0003921 ,
 , L0003923 , L0003924 ,

L0004151 L0003925 , L0003926 , L0003927 , L0004149 , L0004150 ,
 , L0004152 , L0004153 ,

L0004159 L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
 , L0004160 , L0004161 ,

L0004167 L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
 , L0004168 , L0004169 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 27

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0004175	L0004170 , L0004176	, L0004171 , L0004177	, L0004172 ,	, L0004173	, L0004174	,
L0004183	L0004178 , L0004184	, L0004179 , L0004185	, L0004180 ,	, L0004181	, L0004182	,
L0004191	L0004186 , L0004192	, L0004187 , L0004193	, L0004188 ,	, L0004189	, L0004190	,
L0004199	L0004194 , L0004200	, L0004195 , L0004201	, L0004196 ,	, L0004197	, L0004198	,
L0004207	L0004202 , L0004208	, L0004203 , L0004209	, L0004204 ,	, L0004205	, L0004206	,
L0004215	L0004210 , L0004216	, L0004211 , L0004217	, L0004212 ,	, L0004213	, L0004214	,
L0004223	L0004218 , L0004224	, L0004219 , L0004225	, L0004220 ,	, L0004221	, L0004222	,
L0004231	L0004226 , L0004232	, L0004227 , L0004233	, L0004228 ,	, L0004229	, L0004230	,
L0004239	L0004234 , L0004240	, L0004235 , L0004241	, L0004236 ,	, L0004237	, L0004238	,
L0004247	L0004242 , L0004248	, L0004243 , L0004249	, L0004244 ,	, L0004245	, L0004246	,
L0004255	L0004250 , L0004256	, L0004251 , L0004257	, L0004252 ,	, L0004253	, L0004254	,
L0004384	L0004258 , L0004385	, L0004259 , L0004386	, L0004260 ,	, L0004382	, L0004383	,
L0004392	L0004387 , L0004393	, L0004388 , L0004394	, L0004389 ,	, L0004390	, L0004391	,
L0004400	L0004395 , L0004401	, L0004396 , L0004402	, L0004397 ,	, L0004398	, L0004399	,
L0004408	L0004403 , L0004409	, L0004404 , L0004410	, L0004405 ,	, L0004406	, L0004407	,

L0004460 L0004411 , L0004412 , L0004413 , L0004458 , L0004459 ,
, L0004461 , L0004462 ,
L0004468 L0004463 , L0004464 , L0004465 , L0004466 , L0004467 ,
, L0004469 , L0004470 ,
L0004476 L0004471 , L0004472 , L0004473 , L0004474 , L0004475 ,
, L0004477 , L0004478 ,
L0004433 L0004428 , L0004429 , L0004430 , L0004431 , L0004432 ,
, L0004434 , L0004435 ,
L0004417 L0004436 , L0004437 , L0004414 , L0004415 , L0004416 ,
, L0004418 , L0004419 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 28

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0004425	L0004420 , L0004426	, L0004421 , L0004427	, L0004422 ,	, L0004423	, L0004424	,
L0004484	L0004479 , L0004485	, L0004480 , L0004486	, L0004481 ,	, L0004482	, L0004483	,
L0004492	L0004487 , L0004493	, L0004488 , L0004494	, L0004489 ,	, L0004490	, L0004491	,
L0004500	L0004495 , L0004501	, L0004496 , L0004502	, L0004497 ,	, L0004498	, L0004499	,
L0004508	L0004503 , L0004509	, L0004504 , L0004510	, L0004505 ,	, L0004506	, L0004507	,
L0004516	L0004511 , L0004517	, L0004512 , L0004518	, L0004513 ,	, L0004514	, L0004515	,
L0004524	L0004519 , L0004525	, L0004520 , L0004526	, L0004521 ,	, L0004522	, L0004523	,
L0004442	L0004527 , L0004443	, L0004438 , L0004444	, L0004439 ,	, L0004440	, L0004441	,
L0004450	L0004445 , L0004451	, L0004446 , L0004452	, L0004447 ,	, L0004448	, L0004449	,
L0004528	L0004453 , L0004529	, L0004454 , L0004530	, L0004455 ,	, L0004456	, L0004457	,
L0004536	L0004531 , L0004537	, L0004532 , L0004538	, L0004533 ,	, L0004534	, L0004535	,
L0004552	L0004539 , L0004553	, L0004540 , L0004554	, L0004549 ,	, L0004550	, L0004551	,
L0004560	L0004555 , L0004561	, L0004556 , L0004562	, L0004557 ,	, L0004558	, L0004559	,
L0004568	L0004563 , L0004569	, L0004564 , L0004570	, L0004565 ,	, L0004566	, L0004567	,
L0004576	L0004571 , L0004577	, L0004572 , L0004578	, L0004573 ,	, L0004574	, L0004575	,

L0004584 L0004579 , L0004580 , L0004581 , L0004582 , L0004583 ,
 , L0004585 , L0004586 ,

L0004592 L0004587 , L0004588 , L0004589 , L0004590 , L0004591 ,
 , L0004593 , L0004594 ,

L0004600 L0004595 , L0004596 , L0004597 , L0004598 , L0004599 ,
 , L0004601 , L0004602 ,

L0004608 L0004603 , L0004604 , L0004605 , L0004606 , L0004607 ,
 , L0004609 , L0004610 ,

L0004627 L0004622 , L0004623 , L0004624 , L0004625 , L0004626 ,
 , L0004628 , L0004629 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 29

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0004635	L0004630 , L0004636	, L0004631 , L0004637	, L0004632 ,	, L0004633	, L0004634	,
L0004643	L0004638 , L0004644	, L0004639 , L0004645	, L0004640 ,	, L0004641	, L0004642	,
L0004651	L0004646 , L0004652	, L0004647 , L0004653	, L0004648 ,	, L0004649	, L0004650	,
L0004659	L0004654 , L0004660	, L0004655 , L0004661	, L0004656 ,	, L0004657	, L0004658	,
L0004667	L0004662 , L0004668	, L0004663 , L0004669	, L0004664 ,	, L0004665	, L0004666	,
L0004694	L0004670 , L0004695	, L0004671 , L0004696	, L0004691 ,	, L0004692	, L0004693	,
L0004702	L0004697 , L0004703	, L0004698 , L0004704	, L0004699 ,	, L0004700	, L0004701	,
	L0004705	, L0004706	, L0004707	,		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 30

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

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

495921.3, 496071.3, 496221.3, 496371.3, 496521.3, 496671.3, 496821.3,
496971.3, 497121.3, 497271.3,
497421.3, 497571.3, 497721.3, 497871.3, 498021.3, 498171.3, 498321.3,
498471.3, 498621.3, 498771.3,
498921.3,

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

3600584.9, 3600734.9, 3600884.9, 3601034.9, 3601184.9, 3601334.9, 3601484.9,
3601634.9, 3601784.9, 3601934.9,
3602084.9, 3602234.9, 3602384.9, 3602534.9, 3602684.9, 3602834.9, 3602984.9,
3603134.9, 3603284.9, 3603434.9,
3603584.9,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 31

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		495921.32	496071.32	496221.32	496371.32	496521.32
496671.32		496821.32	496971.32	497121.32		
3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 32

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		497271.32	497421.32	497571.32	497721.32	497871.32
498021.32		498171.32	498321.32	498471.32		

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 33

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	498621.32	498771.32	498921.32	X-COORD (METERS)
3603584.90	0.00	0.00	0.00	
3603434.90	0.00	0.00	0.00	
3603284.90	0.00	0.00	0.00	
3603134.90	0.00	0.00	0.00	
3602984.90	0.00	0.00	0.00	
3602834.90	0.00	0.00	0.00	
3602684.90	0.00	0.00	0.00	
3602534.90	0.00	0.00	0.00	
3602384.90	0.00	0.00	0.00	
3602234.90	0.00	0.00	0.00	
3602084.90	0.00	0.00	0.00	
3601934.90	0.00	0.00	0.00	
3601784.90	0.00	0.00	0.00	
3601634.90	0.00	0.00	0.00	
3601484.90	0.00	0.00	0.00	
3601334.90	0.00	0.00	0.00	
3601184.90	0.00	0.00	0.00	
3601034.90	0.00	0.00	0.00	
3600884.90	0.00	0.00	0.00	
3600734.90	0.00	0.00	0.00	
3600584.90	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 34

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		495921.32	496071.32	496221.32	496371.32	496521.32
496671.32		496821.32	496971.32	497121.32		

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 35

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		497271.32	497421.32	497571.32	497721.32	497871.32
498021.32		498171.32	498321.32	498471.32		
3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 36

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	498621.32	498771.32	498921.32	X-COORD (METERS)
3603584.90	0.00	0.00	0.00	
3603434.90	0.00	0.00	0.00	
3603284.90	0.00	0.00	0.00	
3603134.90	0.00	0.00	0.00	
3602984.90	0.00	0.00	0.00	
3602834.90	0.00	0.00	0.00	
3602684.90	0.00	0.00	0.00	
3602534.90	0.00	0.00	0.00	
3602384.90	0.00	0.00	0.00	
3602234.90	0.00	0.00	0.00	
3602084.90	0.00	0.00	0.00	
3601934.90	0.00	0.00	0.00	
3601784.90	0.00	0.00	0.00	
3601634.90	0.00	0.00	0.00	
3601484.90	0.00	0.00	0.00	
3601334.90	0.00	0.00	0.00	
3601184.90	0.00	0.00	0.00	
3601034.90	0.00	0.00	0.00	
3600884.90	0.00	0.00	0.00	
3600734.90	0.00	0.00	0.00	
3600584.90	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 37

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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

495924.4, 496074.4, 496224.4, 496374.4, 496524.4, 496674.4, 496824.4,
496974.4, 497124.4, 497274.4,
497424.4, 497574.4, 497724.4, 497874.4, 498024.4, 498174.4, 498324.4,
498474.4, 498624.4, 498774.4,
498924.4,

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

3603567.5, 3603717.5, 3603867.5, 3604017.5, 3604167.5, 3604317.5, 3604467.5,
3604617.5, 3604767.5, 3604917.5,
3605067.5, 3605217.5, 3605367.5, 3605517.5, 3605667.5, 3605817.5, 3605967.5,
3606117.5, 3606267.5, 3606417.5,
3606567.5,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 38

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
496674.40	496824.40	496974.40	497124.40	496224.40	496374.40	496524.40

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 39

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
498024.40	498174.40	498324.40	498474.40	497274.40	497424.40	497574.40

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 40

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	498624.40	498774.40	498924.40	X-COORD (METERS)
3606567.52	0.00	0.00	0.00	
3606417.52	0.00	0.00	0.00	
3606267.52	0.00	0.00	0.00	
3606117.52	0.00	0.00	0.00	
3605967.52	0.00	0.00	0.00	
3605817.52	0.00	0.00	0.00	
3605667.52	0.00	0.00	0.00	
3605517.52	0.00	0.00	0.00	
3605367.52	0.00	0.00	0.00	
3605217.52	0.00	0.00	0.00	
3605067.52	0.00	0.00	0.00	
3604917.52	0.00	0.00	0.00	
3604767.52	0.00	0.00	0.00	
3604617.52	0.00	0.00	0.00	
3604467.52	0.00	0.00	0.00	
3604317.52	0.00	0.00	0.00	
3604167.52	0.00	0.00	0.00	
3604017.52	0.00	0.00	0.00	
3603867.52	0.00	0.00	0.00	
3603717.52	0.00	0.00	0.00	
3603567.52	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 41

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
496674.40	496824.40	496974.40	497124.40	496224.40	496374.40	496524.40

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 42

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		497274.40	497424.40	497574.40	497724.40	497874.40
498024.40		498174.40	498324.40	498474.40		

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 43

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	498624.40	498774.40	498924.40	X-COORD (METERS)
3606567.52	0.00	0.00	0.00	
3606417.52	0.00	0.00	0.00	
3606267.52	0.00	0.00	0.00	
3606117.52	0.00	0.00	0.00	
3605967.52	0.00	0.00	0.00	
3605817.52	0.00	0.00	0.00	
3605667.52	0.00	0.00	0.00	
3605517.52	0.00	0.00	0.00	
3605367.52	0.00	0.00	0.00	
3605217.52	0.00	0.00	0.00	
3605067.52	0.00	0.00	0.00	
3604917.52	0.00	0.00	0.00	
3604767.52	0.00	0.00	0.00	
3604617.52	0.00	0.00	0.00	
3604467.52	0.00	0.00	0.00	
3604317.52	0.00	0.00	0.00	
3604167.52	0.00	0.00	0.00	
3604017.52	0.00	0.00	0.00	
3603867.52	0.00	0.00	0.00	
3603717.52	0.00	0.00	0.00	
3603567.52	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 44

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

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

498904.5, 499054.5, 499204.5, 499354.5, 499504.5, 499654.5, 499804.5,
499954.5, 500104.5, 500254.5,
500404.5, 500554.5, 500704.5, 500854.5, 501004.5, 501154.5, 501304.5,
501454.5, 501604.5, 501754.5,
501904.5,

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

3600584.8, 3600734.8, 3600884.8, 3601034.8, 3601184.8, 3601334.8, 3601484.8,
3601634.8, 3601784.8, 3601934.8,
3602084.8, 3602234.8, 3602384.8, 3602534.8, 3602684.8, 3602834.8, 3602984.8,
3603134.8, 3603284.8, 3603434.8,
3603584.8,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 45

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		498904.52	499054.52	499204.52	499354.52	499504.52
499654.52		499804.52	499954.52	500104.52		

3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 46

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	500254.52	500404.52	500554.52	500704.52	500854.52
501004.52	501154.52	501304.52	501454.52		
3603584.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603434.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603284.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603134.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602984.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602834.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602684.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602534.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602384.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602234.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602084.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601934.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601784.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601634.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601484.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601334.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601184.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601034.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600884.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600734.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 47

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	0.00	0.00	0.00	
3603434.79	0.00	0.00	0.00	
3603284.79	0.00	0.00	0.00	
3603134.79	0.00	0.00	0.00	
3602984.79	0.00	0.00	0.00	
3602834.79	0.00	0.00	0.00	
3602684.79	0.00	0.00	0.00	
3602534.79	0.00	0.00	0.00	
3602384.79	0.00	0.00	0.00	
3602234.79	0.00	0.00	0.00	
3602084.79	0.00	0.00	0.00	
3601934.79	0.00	0.00	0.00	
3601784.79	0.00	0.00	0.00	
3601634.79	0.00	0.00	0.00	
3601484.79	0.00	0.00	0.00	
3601334.79	0.00	0.00	0.00	
3601184.79	0.00	0.00	0.00	
3601034.79	0.00	0.00	0.00	
3600884.79	0.00	0.00	0.00	
3600734.79	0.00	0.00	0.00	
3600584.79	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 48

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	498904.52	499054.52	499204.52	499354.52	499504.52
499654.52	499804.52	499954.52	500104.52		

3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 49

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	500254.52	500404.52	500554.52	500704.52	500854.52
501004.52	501154.52	501304.52	501454.52		
3603584.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603434.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603284.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603134.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602984.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602834.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602684.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602534.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602384.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602234.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602084.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601934.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601784.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601634.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601484.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601334.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601184.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601034.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600884.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600734.79	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 50

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	0.00	0.00	0.00	
3603434.79	0.00	0.00	0.00	
3603284.79	0.00	0.00	0.00	
3603134.79	0.00	0.00	0.00	
3602984.79	0.00	0.00	0.00	
3602834.79	0.00	0.00	0.00	
3602684.79	0.00	0.00	0.00	
3602534.79	0.00	0.00	0.00	
3602384.79	0.00	0.00	0.00	
3602234.79	0.00	0.00	0.00	
3602084.79	0.00	0.00	0.00	
3601934.79	0.00	0.00	0.00	
3601784.79	0.00	0.00	0.00	
3601634.79	0.00	0.00	0.00	
3601484.79	0.00	0.00	0.00	
3601334.79	0.00	0.00	0.00	
3601184.79	0.00	0.00	0.00	
3601034.79	0.00	0.00	0.00	
3600884.79	0.00	0.00	0.00	
3600734.79	0.00	0.00	0.00	
3600584.79	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 51

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

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

498903.4, 499053.4, 499203.4, 499353.4, 499503.4, 499653.4, 499803.4,
499953.4, 500103.4, 500253.4,
500403.4, 500553.4, 500703.4, 500853.4, 501003.4, 501153.4, 501303.4,
501453.4, 501603.4, 501753.4,
501903.4,

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

3603568.1, 3603718.1, 3603868.1, 3604018.1, 3604168.1, 3604318.1, 3604468.1,
3604618.1, 3604768.1, 3604918.1,
3605068.1, 3605218.1, 3605368.1, 3605518.1, 3605668.1, 3605818.1, 3605968.1,
3606118.1, 3606268.1, 3606418.1,
3606568.1,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 52

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
499653.40	499803.40	499953.40	500103.40		499353.40	499503.40

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 53

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		500253.40	500403.40	500553.40	500703.40	500853.40
501003.40		501153.40	501303.40	501453.40		

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 54

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
3606568.08	0.00	0.00	0.00	
3606418.08	0.00	0.00	0.00	
3606268.08	0.00	0.00	0.00	
3606118.08	0.00	0.00	0.00	
3605968.08	0.00	0.00	0.00	
3605818.08	0.00	0.00	0.00	
3605668.08	0.00	0.00	0.00	
3605518.08	0.00	0.00	0.00	
3605368.08	0.00	0.00	0.00	
3605218.08	0.00	0.00	0.00	
3605068.08	0.00	0.00	0.00	
3604918.08	0.00	0.00	0.00	
3604768.08	0.00	0.00	0.00	
3604618.08	0.00	0.00	0.00	
3604468.08	0.00	0.00	0.00	
3604318.08	0.00	0.00	0.00	
3604168.08	0.00	0.00	0.00	
3604018.08	0.00	0.00	0.00	
3603868.08	0.00	0.00	0.00	
3603718.08	0.00	0.00	0.00	
3603568.08	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 55

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
499653.40	499803.40	499953.40	500103.40		499353.40	499503.40

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 56

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	500253.40	500403.40	500553.40	500703.40	500853.40
501003.40	501153.40	501303.40	501453.40		
3606568.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606418.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606268.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606118.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605968.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605818.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605668.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605518.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605368.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605218.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605068.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604918.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604768.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604618.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604468.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604318.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604168.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604018.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603868.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603718.08	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 57

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
---------------------	-----------	-----------	-----------	------------------

3606568.08	0.00	0.00	0.00	
3606418.08	0.00	0.00	0.00	
3606268.08	0.00	0.00	0.00	
3606118.08	0.00	0.00	0.00	
3605968.08	0.00	0.00	0.00	
3605818.08	0.00	0.00	0.00	
3605668.08	0.00	0.00	0.00	
3605518.08	0.00	0.00	0.00	
3605368.08	0.00	0.00	0.00	
3605218.08	0.00	0.00	0.00	
3605068.08	0.00	0.00	0.00	
3604918.08	0.00	0.00	0.00	
3604768.08	0.00	0.00	0.00	
3604618.08	0.00	0.00	0.00	
3604468.08	0.00	0.00	0.00	
3604318.08	0.00	0.00	0.00	
3604168.08	0.00	0.00	0.00	
3604018.08	0.00	0.00	0.00	
3603868.08	0.00	0.00	0.00	
3603718.08	0.00	0.00	0.00	
3603568.08	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 58

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

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

501887.1, 502037.1, 502187.1, 502337.1, 502487.1, 502637.1, 502787.1,
502937.1, 503087.1, 503237.1,
503387.1, 503537.1, 503687.1, 503837.1, 503987.1, 504137.1, 504287.1,
504437.1, 504587.1, 504737.1,
504887.1,

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

3600585.1, 3600735.1, 3600885.1, 3601035.1, 3601185.1, 3601335.1, 3601485.1,
3601635.1, 3601785.1, 3601935.1,
3602085.1, 3602235.1, 3602385.1, 3602535.1, 3602685.1, 3602835.1, 3602985.1,
3603135.1, 3603285.1, 3603435.1,
3603585.1,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 59

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		501887.15	502037.15	502187.15	502337.15	502487.15
502637.15		502787.15	502937.15	503087.15		

3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 60

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		503237.15	503387.15	503537.15	503687.15	503837.15
503987.15	504137.15	504287.15	504437.15			

3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 61

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	504587.15	504737.15	504887.15	X-COORD (METERS)
3603585.14	0.00	0.00	0.00	
3603435.14	0.00	0.00	0.00	
3603285.14	0.00	0.00	0.00	
3603135.14	0.00	0.00	0.00	
3602985.14	0.00	0.00	0.00	
3602835.14	0.00	0.00	0.00	
3602685.14	0.00	0.00	0.00	
3602535.14	0.00	0.00	0.00	
3602385.14	0.00	0.00	0.00	
3602235.14	0.00	0.00	0.00	
3602085.14	0.00	0.00	0.00	
3601935.14	0.00	0.00	0.00	
3601785.14	0.00	0.00	0.00	
3601635.14	0.00	0.00	0.00	
3601485.14	0.00	0.00	0.00	
3601335.14	0.00	0.00	0.00	
3601185.14	0.00	0.00	0.00	
3601035.14	0.00	0.00	0.00	
3600885.14	0.00	0.00	0.00	
3600735.14	0.00	0.00	0.00	
3600585.14	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 62

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		501887.15	502037.15	502187.15	502337.15	502487.15
502637.15		502787.15	502937.15	503087.15		

3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 63

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		503237.15	503387.15	503537.15	503687.15	503837.15
503987.15	504137.15					
3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 64

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	504587.15	504737.15	504887.15	X-COORD (METERS)
3603585.14	0.00	0.00	0.00	
3603435.14	0.00	0.00	0.00	
3603285.14	0.00	0.00	0.00	
3603135.14	0.00	0.00	0.00	
3602985.14	0.00	0.00	0.00	
3602835.14	0.00	0.00	0.00	
3602685.14	0.00	0.00	0.00	
3602535.14	0.00	0.00	0.00	
3602385.14	0.00	0.00	0.00	
3602235.14	0.00	0.00	0.00	
3602085.14	0.00	0.00	0.00	
3601935.14	0.00	0.00	0.00	
3601785.14	0.00	0.00	0.00	
3601635.14	0.00	0.00	0.00	
3601485.14	0.00	0.00	0.00	
3601335.14	0.00	0.00	0.00	
3601185.14	0.00	0.00	0.00	
3601035.14	0.00	0.00	0.00	
3600885.14	0.00	0.00	0.00	
3600735.14	0.00	0.00	0.00	
3600585.14	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 65

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

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

501885.7, 502035.7, 502185.7, 502335.7, 502485.7, 502635.7, 502785.7,
502935.7, 503085.7, 503235.7,
503385.7, 503535.7, 503685.7, 503835.7, 503985.7, 504135.7, 504285.7,
504435.7, 504585.7, 504735.7,
504885.7,

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

3603565.9, 3603715.9, 3603865.9, 3604015.9, 3604165.9, 3604315.9, 3604465.9,
3604615.9, 3604765.9, 3604915.9,
3605065.9, 3605215.9, 3605365.9, 3605515.9, 3605665.9, 3605815.9, 3605965.9,
3606115.9, 3606265.9, 3606415.9,
3606565.9,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 66

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		501885.74	502035.74	502185.74	502335.74	502485.74
502635.74		502785.74	502935.74	503085.74		

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 67

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		503235.74	503385.74	503535.74	503685.74	503835.74
503985.74		504135.74	504285.74	504435.74		

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 68

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	504585.74	504735.74	504885.74	X-COORD (METERS)
3606565.94	0.00	0.00	0.00	
3606415.94	0.00	0.00	0.00	
3606265.94	0.00	0.00	0.00	
3606115.94	0.00	0.00	0.00	
3605965.94	0.00	0.00	0.00	
3605815.94	0.00	0.00	0.00	
3605665.94	0.00	0.00	0.00	
3605515.94	0.00	0.00	0.00	
3605365.94	0.00	0.00	0.00	
3605215.94	0.00	0.00	0.00	
3605065.94	0.00	0.00	0.00	
3604915.94	0.00	0.00	0.00	
3604765.94	0.00	0.00	0.00	
3604615.94	0.00	0.00	0.00	
3604465.94	0.00	0.00	0.00	
3604315.94	0.00	0.00	0.00	
3604165.94	0.00	0.00	0.00	
3604015.94	0.00	0.00	0.00	
3603865.94	0.00	0.00	0.00	
3603715.94	0.00	0.00	0.00	
3603565.94	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 69

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		501885.74	502035.74	502185.74	502335.74	502485.74
502635.74		502785.74	502935.74	503085.74		

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 70

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	503235.74	503385.74	503535.74	503685.74	503835.74
503985.74	504135.74	504285.74	504435.74		
3606565.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606415.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606265.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606115.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605965.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605815.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605665.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605515.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605365.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605215.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605065.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604915.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604765.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604615.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604465.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604315.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604165.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604015.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603865.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603715.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 71

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	504585.74	504735.74	504885.74	X-COORD (METERS)
---------------------	-----------	-----------	-----------	------------------

3606565.94	0.00	0.00	0.00	
3606415.94	0.00	0.00	0.00	
3606265.94	0.00	0.00	0.00	
3606115.94	0.00	0.00	0.00	
3605965.94	0.00	0.00	0.00	
3605815.94	0.00	0.00	0.00	
3605665.94	0.00	0.00	0.00	
3605515.94	0.00	0.00	0.00	
3605365.94	0.00	0.00	0.00	
3605215.94	0.00	0.00	0.00	
3605065.94	0.00	0.00	0.00	
3604915.94	0.00	0.00	0.00	
3604765.94	0.00	0.00	0.00	
3604615.94	0.00	0.00	0.00	
3604465.94	0.00	0.00	0.00	
3604315.94	0.00	0.00	0.00	
3604165.94	0.00	0.00	0.00	
3604015.94	0.00	0.00	0.00	
3603865.94	0.00	0.00	0.00	
3603715.94	0.00	0.00	0.00	
3603565.94	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 72

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

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

504863.6, 505013.6, 505163.6, 505313.6, 505463.6, 505613.6, 505763.6,
505913.6, 506063.6, 506213.6,
506363.6, 506513.6, 506663.6, 506813.6, 506963.6, 507113.6, 507263.6,
507413.6, 507563.6, 507713.6,
507863.6,

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

3600584.0, 3600734.0, 3600884.0, 3601034.0, 3601184.0, 3601334.0, 3601484.0,
3601634.0, 3601784.0, 3601934.0,
3602084.0, 3602234.0, 3602384.0, 3602534.0, 3602684.0, 3602834.0, 3602984.0,
3603134.0, 3603284.0, 3603434.0,
3603584.0,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 73

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		504863.59	505013.59	505163.59	505313.59	505463.59
505613.59		505763.59	505913.59	506063.59		

3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 74

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		506213.59	506363.59	506513.59	506663.59	506813.59
506963.59		507113.59	507263.59	507413.59		
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 75

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	507563.59	507713.59	507863.59	X-COORD (METERS)
3603583.99	0.00	0.00	0.00	
3603433.99	0.00	0.00	0.00	
3603283.99	0.00	0.00	0.00	
3603133.99	0.00	0.00	0.00	
3602983.99	0.00	0.00	0.00	
3602833.99	0.00	0.00	0.00	
3602683.99	0.00	0.00	0.00	
3602533.99	0.00	0.00	0.00	
3602383.99	0.00	0.00	0.00	
3602233.99	0.00	0.00	0.00	
3602083.99	0.00	0.00	0.00	
3601933.99	0.00	0.00	0.00	
3601783.99	0.00	0.00	0.00	
3601633.99	0.00	0.00	0.00	
3601483.99	0.00	0.00	0.00	
3601333.99	0.00	0.00	0.00	
3601183.99	0.00	0.00	0.00	
3601033.99	0.00	0.00	0.00	
3600883.99	0.00	0.00	0.00	
3600733.99	0.00	0.00	0.00	
3600583.99	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 76

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		504863.59	505013.59	505163.59	505313.59	505463.59
505613.59		505763.59	505913.59	506063.59		
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 77

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		506213.59	506363.59	506513.59	506663.59	506813.59
506963.59		507113.59	507263.59	507413.59		
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 78

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD
(METERS)

507563.59

507713.59

507863.59

X-COORD (METERS)

3603583.99 | 0.00 0.00 0.00
3603433.99 | 0.00 0.00 0.00
3603283.99 | 0.00 0.00 0.00
3603133.99 | 0.00 0.00 0.00
3602983.99 | 0.00 0.00 0.00
3602833.99 | 0.00 0.00 0.00
3602683.99 | 0.00 0.00 0.00
3602533.99 | 0.00 0.00 0.00
3602383.99 | 0.00 0.00 0.00
3602233.99 | 0.00 0.00 0.00
3602083.99 | 0.00 0.00 0.00
3601933.99 | 0.00 0.00 0.00
3601783.99 | 0.00 0.00 0.00
3601633.99 | 0.00 0.00 0.00
3601483.99 | 0.00 0.00 0.00
3601333.99 | 0.00 0.00 0.00
3601183.99 | 0.00 0.00 0.00
3601033.99 | 0.00 0.00 0.00
3600883.99 | 0.00 0.00 0.00
3600733.99 | 0.00 0.00 0.00
3600583.99 | 0.00 0.00 0.00

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 79

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

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

504864.0, 505014.0, 505164.0, 505314.0, 505464.0, 505614.0, 505764.0,
505914.0, 506064.0, 506214.0,
506364.0, 506514.0, 506664.0, 506814.0, 506964.0, 507114.0, 507264.0,
507414.0, 507564.0, 507714.0,
507864.0,

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

3603564.5, 3603714.5, 3603864.5, 3604014.5, 3604164.5, 3604314.5, 3604464.5,
3604614.5, 3604764.5, 3604914.5,
3605064.5, 3605214.5, 3605364.5, 3605514.5, 3605664.5, 3605814.5, 3605964.5,
3606114.5, 3606264.5, 3606414.5,
3606564.5,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 80

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		504863.98	505013.98	505163.98	505313.98	505463.98
505613.98		505763.98	505913.98	506063.98		

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 81

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		506213.98	506363.98	506513.98	506663.98	506813.98
506963.98		507113.98	507263.98	507413.98		

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 82

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	507563.98	507713.98	507863.98	X-COORD (METERS)
3606564.47	0.00	0.00	0.00	
3606414.47	0.00	0.00	0.00	
3606264.47	0.00	0.00	0.00	
3606114.47	0.00	0.00	0.00	
3605964.47	0.00	0.00	0.00	
3605814.47	0.00	0.00	0.00	
3605664.47	0.00	0.00	0.00	
3605514.47	0.00	0.00	0.00	
3605364.47	0.00	0.00	0.00	
3605214.47	0.00	0.00	0.00	
3605064.47	0.00	0.00	0.00	
3604914.47	0.00	0.00	0.00	
3604764.47	0.00	0.00	0.00	
3604614.47	0.00	0.00	0.00	
3604464.47	0.00	0.00	0.00	
3604314.47	0.00	0.00	0.00	
3604164.47	0.00	0.00	0.00	
3604014.47	0.00	0.00	0.00	
3603864.47	0.00	0.00	0.00	
3603714.47	0.00	0.00	0.00	
3603564.47	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 83

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		504863.98	505013.98	505163.98	505313.98	505463.98
505613.98		505763.98	505913.98	506063.98		

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 84

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	506213.98	506363.98	506513.98	506663.98	506813.98
506963.98	507113.98	507263.98	507413.98		

3606564.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606414.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606264.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606114.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605964.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605814.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605664.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605514.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605364.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605214.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605064.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604914.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604764.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604614.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604464.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604314.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604164.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604014.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603864.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603714.47	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 85

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD
(METERS)

507563.98

507713.98

507863.98

X-COORD (METERS)

3606564.47 | 0.00 0.00 0.00
3606414.47 | 0.00 0.00 0.00
3606264.47 | 0.00 0.00 0.00
3606114.47 | 0.00 0.00 0.00
3605964.47 | 0.00 0.00 0.00
3605814.47 | 0.00 0.00 0.00
3605664.47 | 0.00 0.00 0.00
3605514.47 | 0.00 0.00 0.00
3605364.47 | 0.00 0.00 0.00
3605214.47 | 0.00 0.00 0.00
3605064.47 | 0.00 0.00 0.00
3604914.47 | 0.00 0.00 0.00
3604764.47 | 0.00 0.00 0.00
3604614.47 | 0.00 0.00 0.00
3604464.47 | 0.00 0.00 0.00
3604314.47 | 0.00 0.00 0.00
3604164.47 | 0.00 0.00 0.00
3604014.47 | 0.00 0.00 0.00
3603864.47 | 0.00 0.00 0.00
3603714.47 | 0.00 0.00 0.00
3603564.47 | 0.00 0.00 0.00

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 86

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
6.38	L0003989	505763.6	3601484.0	-
1.07	L0003992	505763.6	3601634.0	-
29.25	L0004001	505613.6	3602084.0	-
5.90	L0004002	505613.6	3602084.0	-
28.90	L0004005	505463.6	3602234.0	-
20.99	L0004006	505463.6	3602234.0	-
11.09	L0004009	505313.6	3602384.0	-
21.85	L0004010	505313.6	3602384.0	-
8.45	L0004014	505163.6	3602534.0	-
26.42	L0004022	504887.1	3602835.1	-
4.05	L0004022	504863.6	3602834.0	-
22.95	L0004023	504887.1	3602835.1	-
30.55	L0004023	504863.6	3602834.0	-
19.81	L0004029	504587.1	3602985.1	-
35.76	L0004032	504437.1	3602985.1	-
36.99	L0004035	504287.1	3602985.1	-
0.96	L0004036	504287.1	3602985.1	-
38.23	L0004038	504137.1	3602985.1	-
0.66	L0004039	504137.1	3602985.1	-

39.46	L0004041	503987.1	3602985.1	-
0.39	L0004042	503987.1	3602985.1	
40.69	L0004044	503837.1	3602985.1	-
0.15	L0004045	503837.1	3602985.1	
41.92	L0004047	503687.1	3602985.1	-
0.05	L0004048	503687.1	3602985.1	-
43.15	L0004050	503537.1	3602985.1	-
5.62	L0003124	498171.3	3603434.9	-
23.99	L0003126	498021.3	3603434.9	-
23.54	L0003127	498021.3	3603434.9	-
4.11	L0003129	497871.3	3603434.9	-
5.55	L0003130	497871.3	3603434.9	-
0.60	L0003132	497721.3	3603434.9	
9.23	L0003133	497721.3	3603434.9	-
8.89	L0003135	497571.3	3603434.9	-
20.80	L0003136	497571.3	3603434.9	-
15.59	L0003138	497421.3	3603434.9	-
29.82	L0003139	497421.3	3603434.9	-
17.73	L0003141	497271.3	3603434.9	-
32.03	L0003142	497271.3	3603434.9	-
15.15	L0003144	497121.3	3603434.9	-

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 87

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
26.67	L0003145	497121.3	3603434.9	-
11.03	L0003147	496971.3	3603434.9	-
22.36	L0003148	496971.3	3603434.9	-
10.63	L0003150	496821.3	3603434.9	-
23.22	L0003151	496821.3	3603434.9	-
11.47	L0003153	496671.3	3603434.9	-
24.45	L0003154	496671.3	3603434.9	-
12.26	L0003156	496521.3	3603434.9	-
25.64	L0003157	496521.3	3603434.9	-
13.00	L0003159	496371.3	3603434.9	-
26.77	L0003160	496371.3	3603434.9	-
13.68	L0003162	496221.3	3603434.9	-
27.85	L0003163	496221.3	3603434.9	-
19.43	L0003928	496221.3	3603434.9	-
7.47	L0003930	496221.3	3603584.9	-
22.74	L0003930	496224.4	3603567.5	-
42.27	L0003931	496221.3	3603584.9	-
24.66	L0003931	496224.4	3603567.5	-
19.21	L0003933	496224.4	3603717.5	-

16.59	L0003934	496224.4	3603717.5	-
7.28	L0003943	496374.4	3604167.5	-
6.86	L0003945	496374.4	3604317.5	-
33.34	L0003946	496374.4	3604317.5	-
9.24	L0003948	496374.4	3604467.5	-
31.36	L0003949	496374.4	3604467.5	-
4.89	L0003952	496374.4	3604617.5	-
1.31	L0003958	496524.4	3604917.5	-
29.55	L0003961	496524.4	3605067.5	-
1.52	L0003962	496524.4	3605067.5	-
5.73	L0003963	496524.4	3605217.5	-
39.92	L0003964	496524.4	3605217.5	-
15.78	L0003967	496524.4	3605367.5	-
0.25	L0003970	496524.4	3605517.5	-
35.87	L0004263	498771.3	3603434.9	-
1.45	L0004264	498771.3	3603434.9	-
8.33	L0004266	498921.3	3603434.9	-
25.05	L0004266	498904.5	3603434.8	-
31.49	L0004267	498921.3	3603434.9	-
14.75	L0004267	498904.5	3603434.8	-
35.15	L0004270	499054.5	3603434.8	-

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 88

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
4.80	L0004271	499054.5	3603434.8	-
5.08	L0004273	499204.5	3603434.8	-
34.06	L0004274	499204.5	3603434.8	-
14.68	L0004277	499354.5	3603434.8	-
23.91	L0004278	499354.5	3603434.8	-
32.67	L0004281	499504.5	3603434.8	-
0.26	L0004282	499504.5	3603434.8	-
8.49	L0004284	499654.5	3603434.8	-
27.39	L0004285	499654.5	3603434.8	-
17.65	L0004288	499804.5	3603434.8	-
18.41	L0004289	499804.5	3603434.8	-
26.63	L0004292	499954.5	3603434.8	-
6.23	L0004293	499954.5	3603434.8	-
0.23	L0004295	500104.5	3603434.8	-
26.56	L0004296	500104.5	3603434.8	-
7.87	L0004299	500254.5	3603434.8	-
20.08	L0004300	500254.5	3603434.8	-
18.63	L0004303	500404.5	3603434.8	-
5.71	L0004304	500404.5	3603434.8	-

19.18	L0004307	500554.5	3603434.8	-
1.25	L0004310	500704.5	3603434.8	-
15.02	L0004311	500704.5	3603434.8	-
6.78	L0004314	500854.5	3603434.8	-
7.95	L0004315	500854.5	3603434.8	-
9.70	L0004318	501004.5	3603434.8	-
0.55	L0004319	501004.5	3603434.8	-
7.73	L0004322	501154.5	3603434.8	-
0.01	L0004325	501304.5	3603434.8	-
0.93	L0004326	501304.5	3603434.8	-
1.25	L0004329	501454.5	3603434.8	-
0.30	L0004333	501604.5	3603434.8	-
11.36	L0004051	503537.1	3602985.1	-
36.52	L0004053	503387.1	3602985.1	-
11.45	L0004054	503387.1	3602985.1	-
36.74	L0004056	503237.1	3602985.1	-
11.52	L0004057	503237.1	3602985.1	-
36.94	L0004059	503087.1	3602985.1	-
11.59	L0004060	503087.1	3602985.1	-
37.14	L0004062	502937.1	3602985.1	-
11.65	L0004063	502937.1	3602985.1	-

*** 16:16:37

PAGE 89

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
37.31	L0004065	502787.1	3602985.1	-
11.71	L0004066	502787.1	3602985.1	-
37.47	L0004068	502637.1	3602985.1	-
11.76	L0004069	502637.1	3602985.1	-
37.61	L0004071	502487.1	3602985.1	-
11.81	L0004072	502487.1	3602985.1	-
37.73	L0004074	502337.1	3602985.1	-
11.85	L0004075	502337.1	3602985.1	-
37.84	L0004077	502187.1	3602985.1	-
11.88	L0004078	502187.1	3602985.1	-
37.92	L0004080	502037.1	3602985.1	-
11.91	L0004081	502037.1	3602985.1	-
5.43	L0004082	501904.5	3602984.8	-
20.38	L0004083	501904.5	3602984.8	-
37.68	L0004083	501887.1	3602985.1	-
29.59	L0004085	501754.5	3602984.8	-
20.41	L0004086	501754.5	3602984.8	-
28.88	L0004088	501604.5	3602984.8	-
19.34	L0004089	501604.5	3602984.8	-

19.12	L0004091	501454.5	3602984.8	-
9.47	L0004092	501454.5	3602984.8	-
0.17	L0004094	501304.5	3602984.8	-
0.36	L0004107	500704.5	3602984.8	-
19.60	L0004109	500554.5	3602984.8	-
20.42	L0004110	500554.5	3602984.8	-
25.23	L0004112	500404.5	3602984.8	-
23.78	L0004113	500404.5	3602984.8	-
40.54	L0004115	500254.5	3602984.8	-
9.38	L0004116	500254.5	3602984.8	-
7.24	L0004118	500104.5	3602984.8	-
16.30	L0004122	499954.5	3603134.8	-
7.15	L0004124	499804.5	3603134.8	-
18.48	L0004125	499804.5	3603134.8	-
1.09	L0004143	498921.3	3603134.9	-
1.78	L0004143	498904.5	3603134.8	-
26.01	L0003167	498471.3	3603284.9	-
17.73	L0003168	498471.3	3603284.9	-
6.17	L0003170	498321.3	3603284.9	-
16.72	L0003862	497121.3	3600584.9	-
30.04	L0003866	496971.3	3600734.9	-

*** 16:16:37

PAGE 90

**MODELOPTs: RegDEFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
17.37	L0003867	496971.3	3600734.9	-
16.57	L0003870	496821.3	3600884.9	-
23.30	L0003871	496821.3	3600884.9	-
8.20	L0003875	496671.3	3601034.9	-
13.14	L0003881	496371.3	3601184.9	-
4.27	L0003882	496371.3	3601184.9	-
12.66	L0003885	496221.3	3601334.9	-
11.35	L0003888	496221.3	3601484.9	-
8.29	L0003894	496071.3	3601784.9	-
0.67	L0003895	496071.3	3601784.9	-
30.45	L0003897	496071.3	3601934.9	-
14.54	L0003898	496071.3	3601934.9	-
22.50	L0003900	496071.3	3602084.9	-
7.07	L0003901	496071.3	3602084.9	-
0.77	L0003903	496071.3	3602234.9	-
15.54	L0003912	496071.3	3602684.9	-
20.83	L0003913	496071.3	3602684.9	-
23.02	L0003915	496071.3	3602834.9	-
24.65	L0003916	496071.3	3602834.9	-

7.88	L0003918	496071.3	3602984.9	-
5.96	L0003919	496071.3	3602984.9	-
1.50	L0004149	505163.6	3602534.0	-
16.72	L0004151	505163.6	3602684.0	-
32.58	L0004152	505163.6	3602684.0	-
16.10	L0004154	505163.6	3602834.0	-
32.78	L0004155	505163.6	3602834.0	-
12.63	L0004157	505163.6	3602984.0	-
22.61	L0004158	505163.6	3602984.0	-
13.80	L0004164	505013.6	3603284.0	-
19.64	L0004166	504887.1	3603285.1	-
0.56	L0004166	504863.6	3603284.0	-
2.36	L0004167	504863.6	3603284.0	-
2.88	L0004172	504737.1	3603585.1	-
17.68	L0004172	504735.7	3603565.9	-
42.73	L0004173	504737.1	3603585.1	-
24.70	L0004173	504735.7	3603565.9	-
7.80	L0004175	504735.7	3603715.9	-
0.97	L0004176	504735.7	3603715.9	-
25.45	L0004179	504585.7	3603865.9	-
19.84	L0004180	504585.7	3603865.9	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 91

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
11.36	L0004183	504435.7	3604015.9	-
29.95	L0004184	504435.7	3604015.9	-
2.22	L0004187	504285.7	3604165.9	-
42.64	L0004188	504285.7	3604165.9	-
15.92	L0004192	504135.7	3604315.9	-
0.96	L0004198	503835.7	3604465.9	-
14.83	L0004199	503835.7	3604465.9	-
20.22	L0004202	503685.7	3604615.9	-
25.42	L0004203	503685.7	3604615.9	-
7.09	L0004206	503535.7	3604765.9	-
27.64	L0004207	503535.7	3604765.9	-
0.27	L0004211	503385.7	3604915.9	-
18.19	L0004213	503385.7	3605065.9	-
14.42	L0004214	503385.7	3605065.9	-
40.19	L0004220	503235.7	3605365.9	-
9.20	L0004221	503235.7	3605365.9	-
16.39	L0004223	503235.7	3605515.9	-
3.68	L0004235	503235.7	3606115.9	-
6.53	L0004236	503235.7	3606115.9	-

27.88	L0004238	503235.7	3606265.9	-
21.46	L0004239	503235.7	3606265.9	-
1.88	L0004241	503235.7	3606415.9	-
14.64	L0004467	500704.5	3602534.8	-
18.63	L0004468	500704.5	3602534.8	-
31.83	L0004434	505763.6	3602084.0	-
7.31	L0004435	505763.6	3602084.0	-
3.46	L0004415	505613.6	3601934.0	-
24.41	L0004423	505313.6	3601784.0	-
15.04	L0004424	505313.6	3601784.0	-
23.95	L0004479	499503.4	3606118.1	-
25.89	L0004480	499503.4	3606118.1	-
0.17	L0004482	499503.4	3605968.1	-
3.39	L0004486	499653.4	3605818.1	-
0.38	L0004488	499653.4	3605668.1	-
46.82	L0004489	499653.4	3605668.1	-
0.19	L0004490	499653.4	3605668.1	-
4.74	L0004495	499803.4	3605368.1	-
25.20	L0004496	499803.4	3605368.1	-
2.65	L0004502	499953.4	3605068.1	-
11.86	L0004503	499953.4	3605068.1	-

*** 16:16:37

PAGE 92

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
4.22	L0004505	499953.4	3604918.1	-
13.79	L0004506	499953.4	3604918.1	-
11.80	L0004508	499953.4	3604768.1	-
33.52	L0004509	499953.4	3604768.1	-
13.70	L0004511	499953.4	3604618.1	-
16.79	L0004512	499953.4	3604618.1	-
2.99	L0004518	500103.4	3604318.1	-
40.47	L0004521	500103.4	3604168.1	-
0.60	L0004522	500103.4	3604168.1	-
20.97	L0004524	500103.4	3604018.1	-
18.36	L0004438	501904.5	3602984.8	-
15.06	L0004438	501887.1	3602985.1	-
29.55	L0004441	501904.5	3602834.8	-
25.35	L0004441	501887.1	3602835.1	-
8.35	L0004442	501904.5	3602834.8	-
6.45	L0004442	501887.1	3602835.1	-
0.60	L0004444	501904.5	3602684.8	-
0.12	L0004444	501887.1	3602685.1	-
33.38	L0004445	501904.5	3602684.8	-

29.04	L0004445	501887.1	3602685.1	-
10.69	L0004448	503537.1	3602985.1	-
28.37	L0004451	503537.1	3602835.1	-
2.48	L0004452	503537.1	3602835.1	-
4.99	L0004454	503537.1	3602685.1	-
30.04	L0004455	503537.1	3602685.1	-
0.17	L0004529	500254.5	3602534.8	-
4.81	L0004530	500254.5	3602534.8	-
4.48	L0004533	500254.5	3602684.8	-
6.68	L0004537	500254.5	3602834.8	-
28.38	L0004549	501904.5	3601784.8	-
13.60	L0004549	501887.1	3601785.1	-
28.87	L0004552	502037.1	3601785.1	-
3.95	L0004553	502037.1	3601785.1	-
3.23	L0004555	502187.1	3601785.1	-
28.74	L0004556	502187.1	3601785.1	-
12.52	L0004559	502337.1	3601785.1	-
21.82	L0004560	502337.1	3601785.1	-
21.06	L0004563	502487.1	3601785.1	-
12.90	L0004564	502487.1	3601785.1	-
27.24	L0004567	502637.1	3601785.1	-

*** 16:16:37

PAGE 93

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
3.41	L0004568	502637.1	3601785.1	-
2.68	L0004570	502787.1	3601785.1	-
27.05	L0004571	502787.1	3601785.1	-
11.76	L0004574	502937.1	3601785.1	-
20.69	L0004575	502937.1	3601785.1	-
19.93	L0004578	503087.1	3601785.1	-
12.10	L0004579	503087.1	3601785.1	-
25.56	L0004582	503237.1	3601785.1	-
2.79	L0004583	503237.1	3601785.1	-
2.06	L0004585	503387.1	3601785.1	-
25.34	L0004586	503387.1	3601785.1	-
10.91	L0004589	503537.1	3601785.1	-
37.47	L0004591	503537.1	3603435.1	-
2.42	L0004592	503537.1	3603435.1	-
7.51	L0004594	503537.1	3603585.1	-
26.74	L0004594	503535.7	3603565.9	-
32.23	L0004595	503537.1	3603585.1	-
13.23	L0004595	503535.7	3603565.9	-
36.52	L0004598	503535.7	3603715.9	-

3.21	L0004599	503535.7	3603715.9	-
6.67	L0004601	503535.7	3603865.9	-
32.85	L0004602	503535.7	3603865.9	-
16.51	L0004605	503535.7	3604015.9	-
22.89	L0004606	503535.7	3604015.9	-
26.04	L0004609	503535.7	3604165.9	-
12.85	L0004610	503535.7	3604165.9	-
24.98	L0004624	503535.7	3604315.9	-
14.36	L0004625	503535.7	3604315.9	-
35.42	L0004628	503535.7	3604465.9	-
4.54	L0004629	503535.7	3604465.9	-
5.22	L0004631	503535.7	3604615.9	-
2.69	L0004632	503535.7	3604615.9	-
10.88	L0004635	503685.7	3604615.9	-
9.69	L0004639	503835.7	3604615.9	-
6.15	L0004643	503985.7	3604615.9	-
0.14	L0004647	504135.7	3604615.9	-
0.41	L0004650	504285.7	3604615.9	-
0.31	L0004691	503537.1	3602535.1	-
1.63	L0004694	503687.1	3602535.1	-
7.41	L0004698	503837.1	3602535.1	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 94

**MODELOPTs: RegDFault CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
10.51	L0004702	503987.1	3602535.1	-
3.11	L0004705	504137.1	3602535.1	-
10.10	L0004706	504137.1	3602535.1	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 95

**MODELOPTs: RegDFAULT CONC

ELEV

PROCESSING ***

*** METEOROLOGICAL DAYS SELECTED FOR
(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	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	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.

CATEGORIES ***

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

10.80, 1.54, 3.09, 5.14, 8.23,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 96

**MODELOPTs: RegDEFAULT CONC

ELEV

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\AERMET\Otay Mesa.SFC
Met Version: 11059
Profile file: ..\AERMET\Otay Mesa.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 1990 Year: 1990

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									
90	01	01	1	01	-28.1	0.276	-9.000	-9.000	-999.	334.	67.5	1.00	1.62	0.62	
2.10	331.			10.0	283.1	2.0									
90	01	01	1	02	-11.6	0.130	-9.000	-9.000	-999.	122.	17.2	1.00	1.62	1.00	
1.50	328.			10.0	282.0	2.0									
90	01	01	1	03	-29.4	0.261	-9.000	-9.000	-999.	306.	54.4	1.00	1.62	1.00	
2.10	344.			10.0	282.5	2.0									
90	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	08	-29.3	0.262	-9.000	-9.000	-999.	308.	55.3	1.00	1.62	1.00	
2.10	3.			10.0	283.1	2.0									
90	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	286.4	2.0									
90	01	01	1	10	-42.2	0.382	-9.000	-9.000	-999.	543.	119.1	1.00	1.62	1.00	
2.60	171.			10.0	288.1	2.0									
90	01	01	1	11	-42.1	0.382	-9.000	-9.000	-999.	544.	119.8	1.00	1.62	1.00	
2.60	184.			10.0	289.2	2.0									
90	01	01	1	12	-61.1	0.582	-9.000	-9.000	-999.	1021.	291.2	1.00	1.62	1.00	
3.60	216.			10.0	289.9	2.0									
90	01	01	1	13	-64.0	0.773	-9.000	-9.000	-999.	1562.	652.3	1.00	1.62	1.00	
4.60	203.			10.0	289.9	2.0									
90	01	01	1	14	-64.0	0.773	-9.000	-9.000	-999.	1564.	652.3	1.00	1.62	1.00	
4.60	229.			10.0	289.9	2.0									
90	01	01	1	15	-61.5	0.680	-9.000	-9.000	-999.	1302.	462.4	1.00	1.62	1.00	
4.10	232.			10.0	289.2	2.0									
90	01	01	1	16	-23.5	0.610	-9.000	-9.000	-999.	1103.	873.9	1.00	1.62	0.52	
3.60	264.			10.0	288.8	2.0									
90	01	01	1	17	48.0	0.561	-9.000	-9.000	-999.	971.	-332.9	1.00	1.62	0.32	
3.10	201.			10.0	288.1	2.0									

90	01	01	1	18	50.2	0.644	-9.000	-9.000	-999.	1187.	-480.1	1.00	1.62	0.26
3.60	227.	10.0	288.1	2.0										
90	01	01	1	19	142.8	0.513	-9.000	-9.000	-999.	860.	-85.3	1.00	1.62	0.24
2.60	224.	10.0	287.5	2.0										
90	01	01	1	20	160.1	0.517	-9.000	-9.000	-999.	856.	-78.1	1.00	1.62	0.23
2.60	217.	10.0	287.5	2.0										
90	01	01	1	21	158.4	0.594	-9.000	-9.000	-999.	1052.	-119.4	1.00	1.62	0.23
3.10	220.	10.0	287.5	2.0										
90	01	01	1	22	122.9	0.665	-9.000	-9.000	-999.	1244.	-215.6	1.00	1.62	0.24
3.60	222.	10.0	287.5	2.0										
90	01	01	1	23	43.4	0.642	-9.000	-9.000	-999.	1184.	-549.7	1.00	1.62	0.27
3.60	190.	10.0	287.5	2.0										
90	01	01	1	24	2.5	0.713	-9.000	-9.000	-999.	1382.	-8888.0	1.00	1.62	0.36
4.10	230.	10.0	287.5	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
90	01	01	01	10.0	1	331.	2.10	283.2	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 97

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
496671.32	495921.32	496071.32	496221.32	496371.32	496521.32
3603584.90	987.06261	1689.22597	3003.30936	2617.89494	1974.45640
1759.02708	1657.17328	1613.43109	1622.78897		
3603434.90	988.84416	1827.94290	3366.76029	3022.56415	2656.95203
2507.88207	2427.03342	2388.85757	2400.79596		
3603284.90	931.35152	1619.73676	2836.35288	2391.46803	2280.91818
2225.28876	2197.99773	2174.57195	2111.53614		
3603134.90	886.91223	1651.40204	1922.20368	1494.34946	1431.02051
1403.10249	1386.33930	1375.48539	1366.11684		
3602984.90	873.47398	1296.85527	1509.10277	1174.19942	1110.14380
1092.40975	1085.67372	1084.75360	1088.11296		
3602834.90	892.29617	1342.09566	1265.95428	1004.40350	940.32124
921.90824	919.08929	922.34437	930.35079		
3602684.90	947.05023	1353.74347	1104.89304	896.57573	835.34870
815.05960	811.14850	815.54003	824.52263		
3602534.90	1036.53239	1855.14805	995.35163	823.28182	764.85711
742.63166	736.41801	738.96463	747.10124		
3602384.90	1080.47710	1723.60388	935.58349	775.18568	716.44485
691.71905	682.83638	682.51651	688.09143		
3602234.90	1017.10027	1562.85859	925.33632	749.24376	684.90135
656.43487	644.14302	640.75702	642.95751		
3602084.90	903.84223	1315.44114	964.98012	744.02482	668.07522
634.06781	617.54721	610.42960	608.89338		
3601934.90	802.81176	1280.41048	1060.57044	758.87059	665.81102
624.11400	602.13199	590.13659	584.20274		
3601784.90	732.21375	1149.17248	1208.67149	795.84585	680.99145
628.52757	598.71310	580.03358	568.34670		
3601634.90	677.15086	1374.58661	1455.48559	871.36181	724.40209
653.61797	610.67211	581.89381	562.03730		

3601484.90	|	624.49837	1063.98582	1676.37283	1063.76469	830.23806
715.59933		646.34391	600.13376	567.54895		
3601334.90	|	572.12257	866.00383	1696.05434	1905.58064	1123.73907
859.50534		725.49277	644.28585	589.55190		
3601184.90	|	516.45285	710.90268	1250.61616	1942.75783	2418.07480
1248.20279		901.82638	736.61884	637.98112		
3601034.90	|	461.16993	585.49676	816.64048	1313.32925	2776.89563
2379.30359		1398.96258	944.04875	737.66707		
3600884.90	|	412.31751	496.43104	626.44531	838.31580	1227.86977
2295.30348		2096.49481	1595.87970	969.20169		
3600734.90	|	370.97129	431.10201	514.39361	632.28818	808.55495
1113.44698		1851.80884	2087.83986	1821.00982		
3600584.90	|	336.26396	380.92336	438.23698	512.27294	610.56801
750.66329		978.61692	1467.89541	2271.66296		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 98

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
498021.32	497271.32	497421.32	497571.32	497721.32	497871.32
3603584.90	1679.37155	1773.14688	1904.62598	2065.06953	2140.78606
2099.11512	2146.92107	2283.75023	2324.21074		
3603434.90	2463.46258	2524.27756	2566.70215	2615.23764	2798.05213
3180.61939	4269.74974	5381.66955	4268.91409		
3603284.90	2021.10905	1951.29204	1916.99775	1945.24414	2113.40027
2635.55375	4443.21254	9444.09226	7658.68706		
3603134.90	1358.37869	1361.16765	1385.85995	1449.02548	1585.02971
1870.64242	2494.74610	3856.88430	5933.88850		
3602984.90	1096.52851	1113.95312	1146.66681	1204.19387	1302.66681
1469.28542	1759.48882	2231.61509	2808.34767		
3602834.90	943.69756	964.11155	995.00412	1041.55007	1110.78084
1215.13229	1376.02198	1603.37313	1863.13514		
3602684.90	837.97672	857.22761	883.94558	920.23707	970.06122
1040.78866	1142.11926	1275.18103	1422.10459		
3602534.90	759.22321	775.62238	797.23344	825.48104	862.98363
914.42446	984.52437	1072.41281	1167.24759		
3602384.90	697.96082	711.23187	728.24343	750.27229	779.36670
818.74386	870.47082	933.21918	1000.02430		
3602234.90	649.48552	659.46885	672.71347	690.01049	712.94497
743.88274	783.56787	830.67803	880.59928		
3602084.90	611.51081	617.80381	627.53502	640.96409	659.20029
683.80654	714.89316	751.32085	790.02229		
3601934.90	582.54237	584.72244	590.69102	600.49046	614.81418
634.41556	659.02550	687.67043	718.30221		
3601784.90	561.64487	559.20204	560.96502	566.98929	577.62530
592.93131	612.39491	635.11772	659.65181		
3601634.90	548.68001	540.66145	537.61042	539.48859	546.31359
557.64130	572.74850	590.72934	610.46487		

3601484.90	|	544.48354	529.00407	520.11305	517.25842	519.94139
527.35154		538.57801	552.60734	568.44472		
3601334.90	|	551.03445	524.64177	508.09216	499.58445	497.70760
501.19931		508.86172	519.48244	532.06085		
3601184.90	|	572.35534	528.67221	501.31017	485.74952	478.88735
478.50949		482.86153	490.46284	500.25127		
3601034.90	|	617.04082	543.09515	499.49846	475.02908	462.84215
458.70192		459.96839	464.84553	472.18555		
3600884.90	|	705.17666	570.36180	501.80843	466.63401	448.91798
441.14378		439.55575	441.98507	447.16801		
3600734.90	|	893.28781	609.73009	506.05715	459.28121	436.12908
425.03173		420.96006	421.30778	424.66230		
3600584.90	|	1284.40860	641.80135	505.82478	450.30054	423.20995
409.67809		403.73669	402.46209	404.33045		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 99

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
	498621.32	498771.32	498921.32
3603584.90	2441.15221	2730.02469	2831.28188
3603434.90	4260.26468	4942.64493	5114.22452
3603284.90	8648.80363	5249.88493	4941.52813
3603134.90	8176.96142	6394.90847	4978.93190
3602984.90	3235.80770	3172.96124	2979.54314
3602834.90	2069.24769	2136.63675	2116.10696
3602684.90	1546.84148	1621.97474	1655.36916
3602534.90	1251.83489	1315.85199	1362.00118
3602384.90	1061.64702	1114.04024	1158.70558
3602234.90	927.74749	970.82512	1010.30478
3602084.90	827.31844	862.96500	897.13457
3601934.90	748.37705	777.89577	807.15006
3601784.90	684.15293	708.55788	733.31372
3601634.90	630.53310	650.71638	671.50419
3601484.90	584.92665	601.69412	619.15754
3601334.90	545.58894	559.60358	574.35639
3601184.90	511.29311	523.04055	535.56056
3601034.90	481.08024	490.90602	501.55440
3600884.90	454.19170	462.36933	471.44054
3600734.90	430.08312	436.83919	444.55828
3600584.90	408.38539	413.88537	420.40324

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 100

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
496674.40	495924.40	496074.40	496224.40	496374.40	496524.40
3606567.52	366.54116	417.05562	487.48456	589.47994	724.84224
753.28163	624.76322	523.40772	458.13346		
3606417.52	411.79723	485.87732	606.85339	853.46176	1715.92735
1680.69480	876.90700	639.56648	526.76288		
3606267.52	457.34030	556.18529	732.19760	1151.80188	3354.65555
3485.48679	1218.05757	778.75754	604.18490		
3606117.52	498.79490	617.70627	832.62977	1341.52813	3871.72054
3946.60754	1489.11919	914.79247	683.48013		
3605967.52	534.22419	667.03544	904.70694	1457.27291	4163.46674
4048.28091	1644.42071	1023.39971	755.86639		
3605817.52	563.22830	705.15124	956.78742	1538.07851	4376.34574
4048.41204	1725.53334	1098.09386	814.67590		
3605667.52	586.57161	734.81312	997.17644	1602.65853	4556.18967
3997.02980	1759.75052	1142.58466	857.66049		
3605517.52	605.45568	758.64643	1032.22321	1672.37605	3819.06997
3840.85205	1750.11201	1160.96041	885.36555		
3605367.52	621.07763	778.24498	1064.39074	1773.32968	4197.77051
3423.21463	1687.40229	1155.51944	899.32474		
3605217.52	634.50211	794.44385	1089.48469	1871.25534	3354.21228
2840.91837	1575.79991	1129.07578	901.51633		
3605067.52	647.70945	810.78830	1113.64203	1945.30387	3091.70033
2264.37553	1440.55544	1088.86597	895.45653		
3604917.52	663.34557	833.92025	1162.48154	2216.49349	3521.36526
1892.26414	1317.92608	1045.51033	885.56755		
3604767.52	682.88626	867.08572	1244.69765	2746.43927	3422.60809
1675.70558	1226.83170	1008.08818	876.25986		
3604617.52	706.99222	911.10892	1362.35048	2809.66247	2750.52701
1532.46023	1164.38840	981.44333	871.44775		

3604467.52	|	735.68095	966.22134	1523.89045	2585.93806	2324.69233
1431.28287		1123.29611	966.92383	873.98368		
3604317.52	|	769.04834	1033.44129	1749.36982	2835.48158	2043.81446
1359.79675		1099.73952	965.35379	886.65055		
3604167.52	|	807.75862	1115.67083	2081.20462	3424.38242	1851.95880
1313.71738		1094.10279	979.37155	913.46835		
3604017.52	|	852.51536	1217.95955	2605.29447	3580.35380	1724.49586
1294.77274		1111.14385	1015.34705	962.10088		
3603867.52	|	903.40658	1348.21448	3375.92141	2928.00725	1660.08069
1316.97684		1165.39485	1087.80000	1048.93547		
3603717.52	|	956.75984	1519.28370	2576.49409	2575.33921	1695.77597
1426.75841		1304.58560	1244.62071	1222.30066		
3603567.52	|	998.21999	1744.34426	2999.27508	2644.68670	2050.02280
1844.74289		1746.20575	1705.82025	1725.58595		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 101

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
498024.40	497274.40	497424.40	497574.40	497724.40	497874.40
3606567.52	415.29386	386.30267	366.35249	352.65766	343.55792
338.03468	335.43055	335.33789	337.54657		
3606417.52	462.12241	421.51933	394.84920	377.12355	365.62957
358.81605	355.74529	355.88889	359.03231		
3606267.52	513.10476	459.02773	424.82538	402.71457	388.68282
380.53247	376.99716	377.42587	381.62753		
3606117.52	565.75452	497.76039	455.78150	429.17820	412.56769
403.05847	399.02913	399.70570	404.94424		
3605967.52	616.76165	536.43490	487.20405	456.29635	437.18006
426.31837	421.74224	422.53453	428.56261		
3605817.52	662.42672	573.21820	518.25451	483.72324	462.40763
450.31104	445.20106	446.00801	452.53709		
3605667.52	700.58270	606.57650	547.95158	510.92003	488.01123
474.98727	469.48080	470.29018	477.10628		
3605517.52	730.44359	635.71107	575.66507	537.41010	513.68179
500.22067	494.59978	495.51006	502.51337		
3605367.52	752.14431	660.34107	601.17548	563.06205	539.36514
526.04761	520.69660	521.91947	529.14775		
3605217.52	766.73409	680.89133	624.69033	588.12355	565.38992
552.83487	548.18150	550.00914	557.65287		
3605067.52	776.25570	698.53829	646.89360	613.13088	592.30111
581.17069	577.69571	580.50574	588.89965		
3604917.52	783.11034	714.79102	668.84373	638.86794	620.78398
611.78063	610.07832	614.38799	623.98945		
3604767.52	789.87262	731.44687	691.99348	666.50932	651.86289
645.71845	646.51952	653.00089	664.37906		
3604617.52	799.39623	750.75362	718.24552	697.79887	687.20508
684.68453	688.83463	698.30128	712.12052		

3604467.52	|	814.48483	775.33288	750.06134	735.31526	729.46025
731.39560		739.89250	753.36015	770.42608		
3604317.52	|	838.19650	808.28376	790.86345	782.86592	782.74174
790.09899		804.20353	823.15947	844.66683		
3604167.52	|	875.15141	854.53591	846.00503	846.26385	853.58007
867.78428		889.33578	916.25349	944.14506		
3604017.52	|	934.15733	923.51783	925.34574	936.18725	953.88425
977.71437		1009.41015	1048.15232	1085.72085		
3603867.52	|	1034.17697	1036.30644	1051.97052	1077.88417	1110.27014
1148.21640		1194.25957	1250.89023	1303.87100		
3603717.52	|	1227.75364	1254.85463	1298.20621	1351.12818	1404.29537
1455.59389		1522.20660	1608.07017	1680.36346		
3603567.52	|	1800.24513	1918.80014	2084.23522	2289.65415	2364.85963
2260.41576		2287.10663	2433.74091	2451.43330		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/21/12

*** 16:16:37

PAGE 102

**MODELOPTs: RegDFault CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

```

, L0003990      , L0003991      , L0003992      ,
      L0003993      , L0003994      , L0003995      , L0003996      , L0003997
, L0003998      , L0003999      , L0004000      ,
      L0004001      , L0004002      , L0004003      , L0004004      , L0004005
, L0004006      , L0004007      , L0004008      ,
      L0004009      , L0004010      , L0004011      , L0004012      , L0004013
, L0004014      , L0004015      , . . .      ,

```

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	498624.40	498774.40	498924.40	X-COORD (METERS)
3606567.52	341.99647	348.72204	357.73744	
3606417.52	365.27265	375.06955	389.29778	
3606267.52	389.89883	403.25477	424.00102	
3606117.52	415.25657	432.19061	459.51806	
3605967.52	440.48017	460.14777	492.02200	
3605817.52	465.44436	486.61221	520.33511	
3605667.52	490.46239	512.02093	545.45053	
3605517.52	515.97172	537.23780	569.27836	
3605367.52	542.57913	563.27598	593.60631	
3605217.52	571.17702	591.40486	620.25863	
3605067.52	602.82333	622.90129	650.79690	
3604917.52	638.72881	659.05785	686.54424	
3604767.52	680.41070	701.42003	729.01736	
3604617.52	729.93397	752.03894	780.16648	
3604467.52	790.55927	814.21354	843.16629	
3604317.52	867.91199	893.76754	923.85972	
3604167.52	971.73752	1000.70018	1032.32110	
3604017.52	1119.86062	1153.67104	1187.58862	
3603867.52	1348.75710	1392.61926	1431.82084	
3603717.52	1745.96583	1824.73906	1880.69833	
3603567.52	2589.38403	2963.48319	3068.03099	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 103

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
499654.52	498904.52	499054.52	499204.52	499354.52	499504.52
3603584.79	2827.91106	2851.09442	2857.73167	2850.37531	2829.75811
2860.77859	2918.96321	3023.08340	3136.14429		
3603434.79	5138.91877	5217.51513	5198.07559	5118.33771	4924.50602
5003.28549	4995.85860	5179.40612	5332.37333		
3603284.79	4938.79252	5098.93790	5405.19856	5773.30899	5959.92053
5585.45864	4901.20853	4587.85665	4531.17846		
3603134.79	5151.65773	5589.60810	5182.47045	4856.92164	4719.47364
5254.53225	4846.58067	5285.97766	4680.21968		
3602984.79	2996.75520	2865.26024	2793.44027	2769.96383	2808.13067
2973.88441	3390.78950	4347.30418	5559.00700		
3602834.79	2119.56952	2086.97538	2074.23490	2089.68546	2142.56000
2257.08832	2473.59087	2856.75104	3537.99177		
3602684.79	1652.79847	1667.75471	1683.37042	1713.66137	1768.92845
1864.68091	2026.61614	2302.59708	2816.62029		
3602534.79	1357.42998	1391.80782	1422.10512	1459.23847	1513.37023
1596.42237	1727.42114	1948.27090	2405.46379		
3602384.79	1153.88801	1193.33756	1229.56921	1268.60401	1318.24602
1387.65576	1489.80558	1652.61099	1974.45527		
3602234.79	1005.90902	1043.62478	1080.33382	1118.38911	1162.40688
1218.48755	1294.56565	1404.60930	1589.72371		
3602084.79	893.29053	926.85195	960.73616	995.77460	1034.10695
1079.22577	1135.69114	1211.59503	1329.68918		
3601934.79	803.83372	832.89870	862.55748	893.50795	926.62916
963.66797	1007.44050	1063.81249	1146.96891		
3601784.79	730.48148	755.39450	780.84795	807.60874	836.21971
867.48292	903.22357	948.00922	1010.14032		
3601634.79	669.10344	690.37546	712.22772	735.23393	759.92565
786.76875	817.11935	854.36265	902.71698		

3601484.79	|	617.12455	635.29393	654.16333	673.98096	695.22620
718.45773		744.83119	776.56165	815.37369		
3601334.79	|	572.62873	588.17648	604.50974	621.64513	639.98900
660.23865		683.35928	710.67088	742.53865		
3601184.79	|	534.08750	547.40610	561.55252	576.47671	592.49228
610.24331		630.49246	654.06529	680.72663		
3601034.79	|	500.29521	511.72460	524.00770	537.11270	551.23934
566.85186		584.57363	605.02484	627.73009		
3600884.79	|	470.36097	480.19775	490.89180	502.44795	514.98341
528.80465		544.43605	562.34244	581.90044		
3600734.79	|	443.63219	452.10665	461.42851	471.64175	482.83545
495.21566		509.17832	524.96949	541.87847		
3600584.79	|	419.61252	426.89649	435.04010	444.11201	454.19123
465.40593		477.98311	491.94294	506.58739		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 104

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)				X-COORD (METERS)	
501004.52	500254.52	500404.52	500554.52	500704.52	500854.52
501154.52	501304.52	501454.52			
3603584.79	3155.11344	3052.68990	2936.01082	2831.19846	2725.11542
2585.37673	2399.85062	2252.75443	2143.84227		
3603434.79	4940.47532	4972.81276	5894.07952	4820.58978	4663.40000
4415.94953	4484.19013	3566.30857	3931.08176		
3603284.79	4541.24729	4561.93169	4651.49184	4747.22264	4794.98068
4699.38049	4291.38004	3998.91368	3838.26878		
3603134.79	4381.91920	4642.46344	5019.10238	5602.17345	6218.55318
6398.98382	5762.43984	5014.68972	4438.41535		
3602984.79	5657.84564	6188.36945	6220.59490	7235.25799	8307.34260
7622.41061	7369.85286	6925.54369	5546.41086		
3602834.79	4606.58295	5633.60719	4931.42433	4522.68894	4254.96242
4033.14730	3827.26946	3791.01073	3958.94827		
3602684.79	3709.53539	4565.26532	3926.89722	3986.50987	4266.57549
4070.74542	3159.05740	2802.20456	2775.68391		
3602534.79	3444.61634	4983.56662	5116.91895	4438.98998	5212.79943
4552.56484	2967.35682	2346.95564	2240.30911		
3602384.79	3107.04481	4952.24171	4321.70699	3370.09286	2840.36452
2559.87842	2261.49059	2009.78990	1900.46065		
3602234.79	1976.87320	2377.59532	2447.58421	2307.65616	2135.32554
1990.89850	1852.39204	1731.04716	1652.91573		
3602084.79	1522.11433	1695.43257	1782.78015	1780.46980	1725.70505
1654.42045	1578.57172	1511.09804	1463.38034		
3601934.79	1261.60692	1360.67645	1424.77668	1450.89376	1442.85822
1412.94883	1373.64936	1337.10468	1311.75510		
3601784.79	1086.25578	1151.37337	1198.25684	1226.08913	1234.95837
1227.83448	1211.26032	1193.58251	1183.92699		
3601634.79	957.12723	1003.55556	1039.12586	1063.74121	1077.59276
1081.35762	1077.51380	1071.17079	1070.09815		

3601484.79	|	856.46252	891.57098	919.75135	941.06729	955.56002
963.40251		965.86286	966.31428	969.27703		
3601334.79	|	774.96046	802.92463	826.21671	844.71748	858.20940
867.07712		872.21310	876.13554	880.53697		
3601184.79	|	707.30733	730.51652	750.23678	766.31515	778.42227
787.06885		793.20383	798.43308	803.02366		
3601034.79	|	650.11893	669.79920	686.68665	700.75282	711.53699
719.57211		725.97716	731.39964	735.78782		
3600884.79	|	600.98034	617.82540	632.43224	644.80643	654.45299
661.89860		668.19879	673.33828	677.53951		
3600734.79	|	558.21409	572.73647	585.45055	596.35589	605.07733
612.04148		618.00075	622.72174	626.87184		
3600584.79	|	520.64645	533.23001	544.30898	553.94723	561.93454
568.49433		573.97928	578.29667	582.47702		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 105

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	2051.32076	1965.43773	1856.38222	
3603434.79	3751.39130	4140.35626	3613.86730	
3603284.79	3720.58577	3607.36890	3376.47910	
3603134.79	4078.26368	3866.08456	3631.29090	
3602984.79	5599.93345	5731.80883	5906.35068	
3602834.79	4292.97434	5104.81723	7585.65616	
3602684.79	2935.93815	3680.34870	6196.85628	
3602534.79	2291.83292	2595.26066	4344.66669	
3602384.79	1882.53804	1944.26806	2173.56424	
3602234.79	1620.54603	1636.03642	1713.28664	
3602084.79	1441.81530	1458.18586	1510.65287	
3601934.79	1309.31283	1355.13307	1475.51102	
3601784.79	1196.95246	1286.34191	1724.85365	
3601634.79	1083.86092	1140.04865	1313.87832	
3601484.79	978.84886	1006.12588	1057.94142	
3601334.79	887.63034	903.44047	926.51574	
3601184.79	809.37292	820.36443	832.99931	
3601034.79	741.90464	750.51993	758.73569	
3600884.79	683.40520	690.54840	696.68836	
3600734.79	632.41813	638.46437	643.45454	
3600584.79	587.69686	592.88974	597.11534	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 106

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
499653.40	498903.40	499053.40	499203.40	499353.40	499503.40
3606568.08	356.23480	366.98396	379.30492	394.87428	412.38776
417.98974	411.58271	401.03357	389.99543		
3606418.08	386.87528	405.85277	431.34512	463.49559	499.70011
500.07527	475.44108	450.35397	429.85463		
3606268.08	420.38062	451.24086	503.98423	606.65175	764.30483
671.78699	572.99543	515.55338	478.83183		
3606118.08	454.68863	498.12615	585.11385	852.88198	1084.02551
1091.53335	725.10594	602.24507	539.06613		
3605968.08	486.41437	537.26541	638.06981	909.08381	2019.06627
1866.12589	942.09467	713.80168	612.31444		
3605818.08	514.48289	566.63089	662.46496	880.94232	1724.83970
2508.00890	1227.79004	853.10803	701.03290		
3605668.08	539.73705	589.51100	674.94956	849.39202	1354.29770
1753.62892	1633.38821	1031.10944	809.49187		
3605518.08	563.87371	609.97994	684.91277	825.04173	1162.60201
2744.47438	2416.15244	1303.23299	948.10385		
3605368.08	588.54197	630.92298	696.56697	809.19810	1037.33720
1704.36908	2500.31567	1898.24467	1134.86150		
3605218.08	615.47580	654.80398	713.32327	806.53100	969.71268
1306.17468	2371.99261	3072.48793	1369.91869		
3605068.08	646.19250	683.51794	737.62235	820.17200	955.58198
1209.12289	1914.01328	2434.70749	1590.66556		
3604918.08	682.01738	718.26674	770.04672	847.75795	972.85172
1203.42590	1858.02112	2532.38794	1764.07950		
3604768.08	724.48101	760.30170	810.82038	886.13490	1006.81430
1227.81841	1814.50757	2771.46514	2049.87555		
3604618.08	775.55712	811.29160	860.84231	933.99226	1050.71108
1264.09688	1806.35357	2793.17532	2718.47266		

3604468.08	|	838.44252	874.17824	922.43701	992.18078	1101.96315
1299.76368		1765.29723	4017.46086	3863.46357		
3604318.08	|	918.97014	954.66916	1000.91643	1065.58938	1164.78176
1338.13144		1714.97169	3082.44803	4478.97712		
3604168.08	|	1027.19854	1062.71536	1106.30969	1164.38724	1250.05785
1394.72033		1691.96663	2587.72161	4080.97148		
3604018.08	|	1182.09295	1217.46180	1257.73360	1307.73060	1377.90734
1491.87264		1713.41521	2303.31760	4429.04989		
3603868.08	|	1425.47995	1461.07460	1496.20343	1536.23065	1589.33641
1672.14021		1820.15289	2150.71414	3534.78544		
3603718.08	|	1872.20781	1907.67036	1933.58622	1959.20133	1990.67706
2044.35492		2134.01611	2290.79813	2573.62351		
3603568.08	|	3054.36601	3072.69711	3074.01785	3057.99747	3020.29711
3049.57838		3103.90362	3208.99570	3310.39045		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 107

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
501003.40	500253.40	500403.40	500553.40	500703.40	500853.40
-----	-----	-----	-----	-----	-----
3606568.08	379.78601	370.81490	363.20682	356.92169	351.79454
347.66208	344.45238	342.06744	340.36500		
3606418.08	413.47734	400.28293	389.67808	381.23458	374.53571
369.23063	365.14975	362.15749	360.06376		
3606268.08	453.10817	434.00011	419.40216	408.15093	399.44908
392.69965	387.56015	383.82197	381.22423		
3606118.08	499.66314	472.48969	452.68069	437.85112	426.65136
418.16474	411.78519	407.17126	403.96836		
3605968.08	554.18685	516.38608	489.91170	470.60941	456.35024
445.78207	437.96021	432.32882	428.42871		
3605818.08	618.22742	566.57302	531.64526	506.83827	488.87411
475.80276	466.26508	459.43194	454.72744		
3605668.08	693.46223	623.88190	578.43038	547.00781	524.62683
508.53806	496.92264	488.63914	482.97938		
3605518.08	782.04790	688.92175	630.67273	591.54166	564.02698
544.35812	530.25221	520.22324	513.40692		
3605368.08	885.74991	761.93889	688.61039	640.71856	607.43265
583.67976	566.69288	554.63099	546.43942		
3605218.08	1002.56139	842.93096	752.61737	694.85475	655.20436
626.96257	606.76685	592.45284	582.71698		
3605068.08	1125.09281	931.24318	823.01114	754.40516	707.81754
674.75337	651.06606	634.34071	622.97370		
3604918.08	1252.12048	1027.01879	900.19360	820.04521	765.96560
727.76768	700.31392	680.98901	667.90908		
3604768.08	1405.14669	1134.76570	985.82436	892.90332	830.62267
786.94712	755.48247	733.25957	718.25608		
3604618.08	1618.71024	1262.18999	1082.52373	974.61639	903.33336
853.77263	818.10250	792.57277	775.21908		

3604468.08	|	1904.82733	1414.04106	1192.81375	1067.50577	986.93534
931.19539		891.02643	861.68662	841.28215		
3604318.08	|	2257.63386	1590.10153	1319.13187	1175.31520	1086.12696
1024.38443		979.18073	945.34140	920.81750		
3604168.08	|	2697.12746	1786.65674	1464.33440	1304.85728	1208.78855
1141.72009		1090.70176	1051.05599	1020.74980		
3604018.08	|	3283.63233	1994.54075	1636.43148	1469.58020	1369.31985
1297.54004		1239.46967	1191.34998	1152.55719		
3603868.08	|	3654.40179	2189.81606	1858.30481	1700.11118	1599.52980
1521.99756		1452.95790	1391.06728	1338.81605		
3603718.08	|	2720.63754	2424.11212	2216.48780	2086.02536	1986.79433
1894.46441		1798.55981	1710.01315	1635.18985		
3603568.08	|	3313.28738	3210.32476	3099.06471	2995.27097	2886.37623
2735.07909		2523.35365	2362.78046	2247.34054		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 108

**MODELOPTs: RegDFault CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
3606568.08	339.35948	339.17115	339.87386	
3606418.08	358.83762	358.61525	359.48017	
3606268.08	379.67867	379.34424	380.33705	
3606118.08	402.01037	401.47690	402.54328	
3605968.08	425.98602	425.18514	426.27247	
3605818.08	451.75028	450.65792	451.75459	
3605668.08	479.41541	478.04097	479.19586	
3605518.08	509.15915	507.48368	508.75427	
3605368.08	541.36310	539.28586	540.63713	
3605218.08	576.67862	574.04382	575.30950	
3605068.08	615.90275	612.57586	613.54467	
3604918.08	659.74527	655.61400	656.09912	
3604768.08	708.80684	703.65100	703.37229	
3604618.08	764.06107	757.40436	755.76783	
3604468.08	827.73639	818.80507	814.83013	
3604318.08	903.88080	891.62563	883.99457	
3604168.08	998.82810	981.84050	968.81569	
3604018.08	1123.00062	1099.28034	1078.38045	
3603868.08	1297.17941	1263.27782	1230.15413	
3603718.08	1573.80006	1521.85424	1465.88555	
3603568.08	2148.82619	2056.16788	1934.35178	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 109

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
502637.15	501887.15	502037.15	502187.15	502337.15	502487.15
3603585.14	1868.78176	1754.43117	1675.55178	1630.28901	1612.05984
1616.78488	1645.81061	1706.90156	1822.32059		
3603435.14	3710.22761	3110.25100	2936.91754	2838.28286	2771.67299
2735.42294	2730.71708	2757.51547	2831.62648		
3603285.14	3426.56905	3014.44862	2808.29865	2707.68791	2662.27719
2656.62253	2685.70635	2751.10297	2861.86354		
3603135.14	3671.19950	3159.77597	2798.63567	2612.80839	2520.79446
2485.97624	2494.14615	2544.69517	2649.29436		
3602985.14	6642.54908	4485.32076	3621.37260	3330.76823	3204.26644
3154.92901	3157.91031	3214.49065	3347.06401		
3602835.14	7176.67612	4711.26989	3211.03143	2815.22405	2662.91777
2606.74651	2610.63620	2675.40136	2838.09124		
3602685.14	5899.48798	4030.22893	2594.97970	2168.71932	1994.54640
1924.19656	1917.57798	1973.22921	2127.42547		
3602535.14	4097.42957	3036.06098	2230.22654	1895.49084	1733.97349
1660.10865	1643.20244	1680.89066	1796.08109		
3602385.14	2155.83575	2106.73191	1884.97220	1699.62209	1578.90381
1512.14104	1488.75803	1505.40910	1571.78343		
3602235.14	1709.56934	1695.12720	1624.61807	1544.50668	1473.19022
1422.90030	1397.55123	1398.58408	1428.27118		
3602085.14	1507.17057	1519.47144	1498.99733	1466.36817	1429.81469
1396.85212	1374.14731	1365.55482	1372.69392		
3601935.14	1459.90552	1560.89683	1585.08771	1576.25876	1558.13301
1538.25758	1519.58663	1505.78892	1499.10913		
3601785.14	1571.15351	2013.68765	2096.69950	2080.66400	2078.06551
2087.30641	2070.43269	2033.14596	2022.78865		
3601635.14	1284.61953	1518.90809	1607.16889	1628.60036	1632.97547
1629.31553	1623.64048	1617.13601	1608.53733		

3601485.14	|	1051.11991	1113.40611	1160.49389	1179.04540	1184.06416
1183.04893		1178.02931	1172.80291	1166.80490		
3601335.14	|	923.92037	947.60936	970.48885	983.44525	987.27400
988.19042		985.52193	981.93188	979.24603		
3601185.14	|	831.78925	842.49938	853.85506	862.20115	864.50264
865.55523		865.16812	863.32749	862.45208		
3601035.14	|	758.06335	763.69891	769.59441	775.07517	776.41494
776.85870		777.71254	777.68396	777.77714		
3600885.14	|	696.23626	699.83074	703.16540	707.07008	708.11625
708.04780		709.12569	710.43873	711.39013		
3600735.14	|	643.10087	645.86656	648.05750	651.16778	652.37342
652.20588		653.02754	654.93170	656.66586		
3600585.14	|	596.81573	599.20084	600.90240	603.63314	605.20053
605.31018		605.87696	607.77765	609.98191		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 110

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
503987.15	504137.15	504287.15	504437.15	503687.15	503837.15
3603585.14	2066.08110	2760.37682	4643.46223	3326.52160	2550.57513
2245.31212	2050.59929	1894.89560	1774.55730		
3603435.14	3011.41943	3571.66373	5230.59808	4584.64454	3903.67381
3583.75520	3338.68913	3044.11487	2707.93050		
3603285.14	3043.80306	3390.45973	4271.37313	4408.56653	4160.88982
4005.43968	3889.10943	3704.76413	3319.03935		
3603135.14	2832.79257	3134.55663	3478.09726	3320.71585	3050.36960
2843.89928	2680.16724	2523.62251	2351.00351		
3602985.14	3635.43187	4444.15765	5486.21723	4104.22136	3373.39903
3082.41484	2893.24863	2735.69861	2886.85405		
3602835.14	3238.49408	4633.11460	8575.10203	4721.22052	3347.64229
2930.44764	2680.06867	2464.30730	2315.51088		
3602685.14	2519.87100	3916.59713	7895.11540	5211.02783	3775.46747
3260.57431	2811.22093	2186.24766	1866.90919		
3602535.14	2070.99410	2873.75078	6312.85081	6005.03258	5456.92122
5225.25013	3515.31170	2423.24703	1719.60639		
3602385.14	1717.25334	2028.33093	2655.48940	2984.61210	2872.56493
2681.33417	2422.88849	1952.89144	1592.31338		
3602235.14	1496.56819	1634.33029	1843.62009	1971.65077	1973.11987
1894.55360	1770.97954	1601.34586	1445.91690		
3602085.14	1399.34499	1455.79910	1525.07773	1558.03486	1555.45907
1522.35178	1461.78097	1381.66073	1309.09048		
3601935.14	1498.47832	1491.86907	1435.06243	1357.42337	1322.35837
1297.00142	1264.24181	1224.21964	1191.13675		
3601785.14	2026.82355	1960.72149	1594.38977	1260.44691	1175.94081
1144.69302	1121.81856	1100.78965	1087.93639		
3601635.14	1594.64834	1554.53777	1395.42323	1154.76704	1066.69168
1032.08117	1012.39379	999.32964	995.15494		

3601485.14	|	1157.88224	1139.99590	1094.59473	1025.04845	972.35028
942.22515		924.49390	914.29606	912.31306		
3601335.14	|	975.96239	968.06073	947.99342	917.38931	887.76871
865.29198		850.04163	840.88096	838.18488		
3601185.14	|	862.32941	859.31699	848.93877	832.14848	813.92283
797.63385		784.79641	776.06091	771.91056		
3601035.14	|	778.74353	778.11819	772.60488	762.37535	750.11231
737.91513		727.04411	718.48381	712.93147		
3600885.14	|	712.51464	712.71686	709.77059	703.25658	694.54838
685.02580		675.65260	667.33641	660.90029		
3600735.14	|	657.85534	658.09670	656.27829	651.89358	645.48198
637.85057		629.72857	621.92052	615.22752		
3600585.14	|	611.37103	611.47957	609.96208	606.63580	601.69196
595.51775		588.58020	581.50752	574.99422		

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 111

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
 , L0003990 , L0003991 , L0003992 ,
 L0003993 , L0003994 , L0003995 , L0003996 , L0003997
 , L0003998 , L0003999 , L0004000 ,
 L0004001 , L0004002 , L0004003 , L0004004 , L0004005
 , L0004006 , L0004007 , L0004008 ,
 L0004009 , L0004010 , L0004011 , L0004012 , L0004013
 , L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
	504587.15	504737.15	504887.15
3603585.14	1753.80955	1851.01571	1451.63355
3603435.14	2586.56206	2723.64307	1941.03061
3603285.14	3180.25601	3060.29198	2330.27944
3603135.14	2178.92955	2005.04092	1838.61990
3602985.14	2693.65710	2533.59488	1979.40902
3602835.14	2321.85347	2692.78586	2403.15766
3602685.14	1770.25473	1812.58560	2100.56227
3602535.14	1574.17530	1567.39826	1695.22284
3602385.14	1457.58399	1441.00182	1527.72710
3602235.14	1362.02212	1355.93771	1432.38754
3602085.14	1270.66966	1285.51503	1374.27399
3601935.14	1182.22593	1217.96082	1334.44188
3601785.14	1095.27303	1143.03903	1280.42841
3601635.14	1007.41161	1050.94014	1161.00200
3601485.14	922.65305	953.11139	1017.77126
3601335.14	843.89762	861.29837	895.39524
3601185.14	773.16875	781.34802	799.37775
3601035.14	710.97958	713.66826	723.21364
3600885.14	657.00051	656.51303	661.16798
3600735.14	610.30025	607.94281	609.57672
3600585.14	569.66326	566.28518	566.03512

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 112

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
502635.74	501885.74	502035.74	502185.74	502335.74	502485.74
3606565.94	340.01290	341.60816	344.51547	349.38200	357.31058
370.23215	391.95250	431.21655	515.60641		
3606415.94	359.60768	361.52662	364.92602	370.46861	379.34992
393.80830	418.55341	465.26087	576.08216		
3606265.94	380.45522	382.71587	386.68951	393.04514	403.05991
419.31977	447.69624	504.35949	659.41707		
3606115.94	402.65780	405.25522	409.87094	417.17427	428.48345
446.68783	478.81708	546.42173	772.51971		
3605965.94	426.39129	429.30084	434.58813	442.93299	455.65353
475.79467	511.11203	586.57780	861.65694		
3605815.94	451.88217	455.09326	461.05127	470.47996	484.69317
506.72445	544.49760	624.37882	923.15775		
3605665.94	479.32797	482.89220	489.54976	500.08536	515.85166
539.79890	579.42746	660.32160	954.13287		
3605515.94	508.88300	512.90571	520.38444	532.13229	549.58286
575.60073	616.82252	694.83743	933.23994		
3605365.94	540.76654	545.29316	553.74168	566.95522	586.43703
615.02333	658.44704	733.21199	916.79916		
3605215.94	575.46728	580.36585	589.76391	604.64535	626.71529
658.91160	706.33239	781.22829	928.04068		
3605065.94	613.77017	618.79422	628.91276	645.37808	670.40132
707.43177	761.72690	843.44208	979.10324		
3604915.94	656.42464	661.35339	671.94151	689.80192	717.86965
760.46889	824.24652	921.02369	1073.52116		
3604765.94	703.83510	708.37604	719.11462	738.13447	769.25834
817.91344	892.93926	1011.31485	1206.92968		
3604615.94	756.45265	759.95290	770.07163	789.39361	822.57754
876.15061	961.70072	1103.23951	1354.70410		

3604465.94	|	815.89350	817.26655	825.50081	843.62860	876.69244
931.57015		1021.62344	1174.98101	1457.11444		
3604315.94	|	885.66135	883.47899	888.27706	903.56908	934.14926
986.47844		1074.22314	1224.10767	1496.52970		
3604165.94	|	971.40145	963.73545	963.06571	973.57078	999.10131
1045.36606		1124.52849	1257.72528	1490.56156		
3604015.94	|	1082.37865	1066.32345	1057.24786	1060.33169	1078.24754
1116.36531		1183.46986	1294.94696	1484.06554		
3603865.94	|	1236.50922	1206.87286	1184.77269	1176.64873	1184.63253
1213.26397		1267.35023	1358.50313	1514.57126		
3603715.94	|	1477.05146	1421.30410	1377.33264	1352.61823	1348.45023
1365.79305		1406.84062	1480.88464	1613.48559		
3603565.94	|	1961.41179	1830.06625	1743.34086	1693.87916	1672.64617
1674.74388		1701.43000	1760.07317	1871.95361		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 113

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)					
503985.74	504135.74	503235.74	503385.74	503535.74	503685.74	503835.74
3606565.94	823.92153	1202.18247	612.49259	475.15572	412.73846	
375.56442	349.89305	330.35669	314.38863			
3606415.94	935.08857	951.23148	599.49553	490.10131	434.03965	
398.18537	372.07944	351.45847	334.23672			
3606265.94	910.02693	817.89522	593.44288	506.30899	456.68298	
422.53162	396.25578	374.66333	356.20508			
3606115.94	966.61096	760.38367	599.74706	527.47716	482.88118	
450.05120	423.41055	400.72328	380.94701			
3605965.94	1334.69428	753.44332	620.11147	556.53590	514.99287	
482.52171	454.90147	430.73778	409.37834			
3605815.94	1341.35820	781.16805	655.97159	596.27903	555.66038	
522.13323	492.56002	466.27837	442.74751			
3605665.94	1401.45838	835.63326	709.73025	650.43329	608.42685	
571.92201	539.01137	509.55029	482.69609			
3605515.94	1400.17464	930.06977	787.75239	725.12953	678.71103	
636.45342	598.13098	563.57299	531.32334			
3605365.94	1245.87156	1093.38010	903.31716	831.65034	775.87784	
723.28982	675.78782	632.38180	591.49317			
3605215.94	1498.74439	1420.64759	1084.86352	992.85975	917.79521	
845.71478	780.84367	721.71018	668.00934			
3605065.94	1296.04989	1583.74427	1407.22278	1262.72790	1142.85067	
1027.68677	927.07371	842.02348	771.18127			
3604915.94	1339.02882	1912.65467	2163.87080	1803.34877	1545.64448	
1314.44542	1143.06575	1020.42617	927.78706			
3604765.94	1552.90638	2242.76840	3343.72317	3366.43275	2407.51105	
1830.28430	1535.80110	1358.45246	1234.27300			
3604615.94	1866.36607	3294.05048	6763.06282	9850.75860	4827.83412	
3252.23533	2752.15804	2448.55061	2643.80541			

3604465.94	|	2067.56132	3955.63292	9615.16327	7857.11581	4605.93570
3341.82608		2534.75910	2215.94085	2044.38819		
3604315.94	|	2073.14228	3848.40925	8716.78565	5484.50845	3416.48384
2896.57283		2369.74919	1853.01985	1558.51921		
3604165.94	|	1949.36243	3212.17098	7922.98830	4417.20665	2854.41978
2283.44212		2166.54951	1970.36767	1652.82052		
3604015.94	|	1836.61587	2725.20211	4873.24427	3557.62246	2525.59133
2063.77700		1833.16598	1807.91568	1795.51320		
3603865.94	|	1811.77409	2586.76862	4581.76873	3216.45345	2352.46813
1976.41810		1758.54313	1639.64562	1658.96516		
3603715.94	|	1881.16975	2605.29189	4408.77793	3171.33616	2348.61761
2017.73930		1817.97961	1681.73285	1607.26943		
3603565.94	|	2108.92520	2786.49739	4525.65266	3393.42260	2616.63089
2312.36508		2116.14903	1954.41622	1824.12957		

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/21/12

*** 16:16:37

PAGE 114

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
 , L0003990 , L0003991 , L0003992 ,
 L0003993 , L0003994 , L0003995 , L0003996 , L0003997
 , L0003998 , L0003999 , L0004000 ,
 L0004001 , L0004002 , L0004003 , L0004004 , L0004005
 , L0004006 , L0004007 , L0004008 ,
 L0004009 , L0004010 , L0004011 , L0004012 , L0004013
 , L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS) | 504585.74 504735.74 504885.74 X-COORD (METERS)

3606565.94	300.64645	288.40181	277.20786
3606415.94	319.28310	305.90657	293.60598
3606265.94	340.00430	325.39059	311.79739
3606115.94	363.37200	347.28285	332.07384
3605965.94	390.10027	372.09053	354.78054
3605815.94	421.06747	400.40755	380.35320
3605665.94	457.38712	433.03526	409.46383
3605515.94	500.55920	471.22633	443.26158
3605365.94	553.05168	517.27427	483.81130
3605215.94	619.62870	575.67807	534.99787
3605065.94	710.52941	656.11517	605.21583
3604915.94	851.68291	783.37361	716.64237
3604765.94	1135.70749	1047.03705	954.06758
3604615.94	2483.88268	2333.36249	2164.88084
3604465.94	1933.53789	1847.27113	1757.64357
3604315.94	1387.05766	1261.35104	1150.80417
3604165.94	1335.75201	1163.72898	1037.33236
3604015.94	1558.27332	1211.04202	1040.35769
3603865.94	1687.07464	1415.25133	1110.52553
3603715.94	1715.19869	1594.81505	1250.58817
3603565.94	1788.70764	1855.01827	1497.68713

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 115

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
505613.59	504863.59	505013.59	505163.59	505313.59	505463.59
3603583.99	1547.51286	1156.92790	968.14039	843.20816	750.07040
675.77372	613.53493	559.59424	511.85606		
3603433.99	2174.85950	1355.92577	1074.47668	913.02516	803.12996
720.14494	652.47989	594.22364	542.39966		
3603283.99	2337.30075	1752.84532	1255.45421	1008.51597	870.47340
774.74940	699.62855	635.58026	578.31853		
3603133.99	1858.29009	1938.47118	1680.81746	1144.16568	958.64253
844.69070	759.28261	687.21870	622.33589		
3602983.99	2047.11714	1816.78913	1752.69903	1324.51621	1075.59426
937.53694	837.98028	754.68729	678.71007		
3602833.99	2522.67103	2554.32421	2032.99203	1558.03823	1238.95877
1067.15159	947.48904	848.29290	755.22373		
3602683.99	2019.18616	3022.93388	3023.90201	1991.88696	1501.70512
1264.13310	1112.69845	989.82730	867.45208		
3602533.99	1660.63602	2039.72887	3547.41413	3547.42775	2015.91942
1598.40140	1394.37561	1235.47317	1051.75081		
3602383.99	1504.67756	1734.34443	2460.48060	3668.28374	3362.60741
2242.44191	1978.13940	1796.21939	1418.87768		
3602233.99	1413.37248	1588.30305	1992.35974	3079.52239	4156.69443
3786.88138	3735.30363	4582.18780	2487.96217		
3602083.99	1353.85317	1533.46067	1894.16129	2604.41896	4412.97025
6490.44313	6805.08540	7838.83782	3404.26710		
3601933.99	1307.95583	1554.00115	2103.72131	3195.21052	6399.65516
8483.28469	6372.14735	3564.52898	2283.20298		
3601783.99	1247.97146	1604.85599	3926.75652	4389.34818	5754.58937
4561.16375	5049.53893	2649.99292	1828.28339		
3601633.99	1135.45448	1382.95025	2227.48051	2936.53827	2744.55511
3135.53972	3824.94700	2198.24655	1556.81349		

3601483.99	|	1003.54569	1115.50071	1339.31768	1617.79745	1801.72405
2296.06758		3060.69964	1817.24225	1340.49865		
3601333.99	|	887.82931	944.04606	1046.71007	1179.65589	1306.89878
1490.04288		1795.25618	1415.69053	1141.75703		
3601183.99	|	795.04196	826.62265	882.14578	952.59964	1022.39495
1097.11375		1152.70332	1086.90020	964.25669		
3601033.99	|	720.59187	739.17245	771.24779	811.08407	851.21188
890.48617		909.21506	881.25903	821.12609		
3600883.99	|	659.56478	670.54342	689.83377	713.75935	738.23267
760.02824		766.65434	748.83763	712.93466		
3600733.99	|	608.62332	614.89567	626.76952	641.76950	657.08150
669.12803		670.22289	656.52084	631.60819		
3600583.99	|	565.50891	568.74863	576.00493	585.51820	595.04760
601.36578		599.63279	588.09985	569.04247		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 116

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)				X-COORD (METERS)	
506963.59	506213.59	506363.59	506513.59	506663.59	506813.59
3603583.99	469.21640	431.17975	397.46532	367.67599	341.23437
317.51801	296.04747	276.53166	258.79793		
3603433.99	495.78132	454.09550	417.22558	384.70785	355.78324
329.76655	306.24037	284.98884	265.85776		
3603283.99	526.49707	480.16838	439.32680	403.30410	371.18076
342.32623	316.44953	293.35924	272.82788		
3603133.99	563.29735	510.69567	464.51700	423.72716	387.40580
355.13943	326.68651	301.71438	279.78941		
3602983.99	609.06729	547.38639	493.45647	445.97881	404.32044
368.18534	337.03350	310.14045	286.79133		
3602833.99	668.65526	592.52754	526.56687	469.82749	421.82615
381.53096	347.57381	318.69077	293.87821		
3602683.99	750.19040	648.54235	563.76423	495.11488	440.02043
395.30589	358.40988	327.47900	301.18538		
3602533.99	866.54844	716.59690	604.76264	522.14065	459.25863
409.77685	369.74904	336.64627	308.76769		
3602383.99	1034.63408	796.92880	650.59841	551.69670	479.82805
424.90000	381.33877	345.81370	316.19801		
3602233.99	1268.27192	890.74516	700.10608	581.75279	499.81238
439.08969	391.92959	354.03005	322.77205		
3602083.99	1466.96299	969.74938	741.38184	606.71937	516.39673
450.86812	400.73823	360.88942	328.29225		
3601933.99	1443.29060	1002.80933	767.56415	624.99546	529.37518
460.44029	408.07615	366.70874	333.04519		
3601783.99	1318.99410	986.26794	773.98217	634.77431	538.27349
467.79903	414.07383	371.64656	337.18356		
3601633.99	1190.07317	938.61940	760.51044	633.60643	541.31284
472.01349	418.31269	375.52854	340.63816		

3601483.99	|	1069.31217	876.93523	732.29427	622.08454	537.61632
472.00636		419.99801	377.88545	343.16494		
3601333.99	|	954.01450	810.00941	695.11049	602.53462	527.90195
467.64126		418.59775	378.15064	344.32741		
3601183.99	|	845.56879	742.05313	653.18037	577.42200	513.33196
459.43051		414.19103	376.09594	343.75950		
3601033.99	|	748.57800	676.32534	609.26504	548.74462	495.03198
447.97445		407.13757	371.87091	341.41096		
3600883.99	|	666.57813	616.13296	565.96068	518.28099	474.10427
433.90010		397.80692	365.74753	337.45666		
3600733.99	|	599.46409	563.18304	525.31459	487.81167	451.80855
417.94706		386.60667	357.97856	332.10136		
3600583.99	|	544.93525	517.59790	488.43955	458.69664	429.33259
400.97955		374.06075	348.85445	325.53080		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 117

**MODELOPTs: RegDEFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
	507563.59	507713.59	507863.59
3603583.99	242.71506	228.15511	214.97787
3603433.99	248.67910	233.26136	219.39965
3603283.99	254.57694	238.31417	223.76559
3603133.99	260.46694	243.35042	228.10813
3602983.99	266.37416	248.40009	232.47830
3602833.99	272.36310	253.54810	236.96670
3602683.99	278.56232	258.88895	241.62150
3602533.99	284.94004	264.32478	246.30456
3602383.99	291.07950	269.48118	250.69602
3602233.99	296.47133	273.99488	254.53901
3602083.99	301.03336	277.84744	257.84998
3601933.99	305.01345	281.24977	260.80810
3601783.99	308.54991	284.32456	263.52127
3601633.99	311.61575	287.06200	265.98683
3601483.99	314.08761	289.39504	268.16106
3601333.99	315.68183	291.15509	269.94582
3601183.99	316.04207	292.06261	271.14795
3601033.99	314.97667	291.87393	271.53898
3600883.99	312.53417	290.52073	270.97865
3600733.99	308.87703	288.09241	269.47091
3600583.99	304.16367	284.72977	267.11581

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 118

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
505613.98	504863.98	505013.98	505163.98	505313.98	505463.98
3606564.47	278.93372	268.37808	258.36321	248.74365	239.45902
230.50113	221.87558	213.58480	205.62563		
3606414.47	295.50972	283.82546	272.65138	261.87129	251.46521
241.45767	231.87274	222.71747	213.98260		
3606264.47	313.91311	300.86549	288.28345	276.11269	264.39079
253.17957	242.51791	232.40872	222.82386		
3606114.47	334.45451	319.69912	305.39202	291.56553	278.31955
265.74756	253.88896	242.72490	232.19700		
3605964.47	357.49948	340.58123	324.16821	308.38687	293.39001
279.28311	266.08405	253.73422	242.14020		
3605814.47	383.50160	363.87919	344.92844	326.84701	309.82117
293.95001	279.21055	265.49592	252.68326		
3605664.47	413.14761	390.21243	368.20977	347.36888	327.91414
309.94345	293.38222	278.07281	263.87076		
3605514.47	447.60819	420.62338	394.84592	370.54253	348.05496
327.50192	308.73881	291.55786	275.79031		
3605364.47	489.00056	456.88605	426.14828	397.22976	370.77618
346.93613	325.46296	306.09180	288.57343		
3605214.47	541.33752	502.24785	464.41346	428.81406	396.82110
368.59613	343.74379	321.82671	302.34262		
3605064.47	613.31189	563.61927	514.15245	467.52848	427.02065
392.70820	363.69418	338.84294	317.12466		
3604914.47	727.89438	658.98299	585.66946	516.84942	461.87413
419.25241	385.28453	357.05085	332.77647		
3604764.47	972.38663	860.20533	712.65120	581.73447	501.27646
447.99802	408.16461	376.04200	348.92541		
3604614.47	2219.82857	1980.34094	1117.86224	664.20474	543.53665
477.50160	431.31512	395.21861	365.28082		

3604464.47	|	1758.17161	1617.77479	1156.50050	722.80377	580.92500
505.86355		454.49950	414.87454	382.28273		
3604314.47	|	1164.56876	1048.51043	893.78756	725.99723	609.41705
533.26343		478.48672	435.74745	400.53652		
3604164.47	|	1053.80509	942.26881	831.19443	722.87297	630.91288
559.03074		503.02305	457.87902	420.17436		
3604014.47	|	1061.43936	933.85653	827.32307	733.43162	652.35747
584.31979		528.04370	481.10553	441.14591		
3603864.47	|	1141.43323	973.21257	854.17292	758.43171	678.72363
611.57245		554.59956	505.85467	463.62265		
3603714.47	|	1302.75305	1051.36909	904.35881	797.13709	712.67644
643.14952		584.15300	533.05343	488.16525		
3603564.47	|	1596.26676	1175.94855	979.18305	850.88934	756.10063
680.91252		618.09582	563.67918	515.47967		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 119

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)					
506963.98	507113.98	506213.98	506363.98	506513.98	506663.98	506813.98
3606564.47	197.98918	190.66558	183.64746	176.93032	170.50949	
164.37748	158.52240	152.93021	147.58738			
3606414.47	205.64786	197.69122	190.09577	182.85072	175.94671	
169.37184	163.11069	157.14659	151.46509			
3606264.47	213.72244	205.06793	196.83546	189.00942	181.57697	
174.52262	167.82766	161.47251	155.44070			
3606114.47	222.24022	212.80740	203.86922	195.40709	187.40440	
179.84072	172.69179	165.93292	159.54374			
3605964.47	231.21896	220.91870	211.20747	202.06116	193.45524	
185.35976	177.74136	170.56764	163.81279			
3605814.47	240.67967	229.42749	218.88613	209.01733	199.78068	
191.13148	183.02456	175.41954	168.28491			
3605664.47	250.67127	238.39517	226.97436	216.34500	206.44396	
197.20946	188.58502	180.52360	172.98870			
3605514.47	261.28796	247.91527	235.55609	224.11234	213.49697	
203.63213	194.45146	185.90207	177.94192			
3605364.47	272.64673	258.07863	244.69353	232.35807	220.96206	
210.41186	200.63059	191.55834	183.14499			
3605214.47	284.82561	268.92318	254.39569	241.07350	228.82050	
217.52498	207.09723	197.46647	188.57025			
3605064.47	297.80370	280.39846	264.59802	250.18821	237.00172	
224.90394	213.78848	203.56819	194.16199			
3604914.47	311.41733	292.34177	275.15082	259.57223	245.39700	
232.45919	220.62982	209.79953	199.86220			
3604764.47	325.36873	304.53470	285.90369	269.12668	253.94338	
240.15243	227.59739	216.14307	205.65453			
3604614.47	339.56298	316.99332	296.92635	278.94026	262.73041	
248.06652	234.76562	222.66089	211.58745			

3604464.47	|	354.44194	330.10787	308.54383	289.27736	271.97317
256.37676		242.27564	229.46526	217.74795		
3604314.47	|	370.47766	344.24022	321.03561	300.36028	281.85508
265.23690		250.25203	236.65189	224.20814		
3604164.47	|	387.80368	359.50663	334.50352	312.28340	292.46539
274.72585		258.75569	244.25877	230.98548		
3604014.47	|	406.46120	375.98318	349.02883	325.12113	303.86400
284.87919		267.79096	252.26194	238.03507		
3603864.47	|	426.55445	393.76663	364.70536	338.95340	316.09969
295.69871		277.31066	260.57778	245.25557		
3603714.47	|	448.36830	412.98703	381.59584	353.81114	329.16430
307.12214		287.20443	269.07058	252.51036		
3603564.47	|	472.38491	433.92621	399.84620	369.74233	343.01612
319.03270		297.31723	277.58872	259.67963		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 120

**MODELOPTs: RegDEFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . .

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
-----	507563.98	507713.98	507863.98
-----			-----
3606564.47	142.48322	137.61098	132.96694
3606414.47	146.05562	140.91130	136.02741
3606264.47	149.72027	144.30250	139.17953
3606114.47	153.50892	147.81613	142.45254
3605964.47	157.45711	151.48350	145.87307
3605814.47	161.59632	155.33100	149.46288
3605664.47	165.95048	159.37856	153.23773
3605514.47	170.53338	163.63579	157.20233
3605364.47	175.34140	168.09332	161.34108
3605214.47	180.34352	172.71548	165.61325
3605064.47	185.48408	177.44570	169.96188
3604914.47	190.70817	182.23089	174.33661
3604764.47	195.99783	187.05213	178.71941
3604614.47	201.38924	191.93734	183.13358
3604464.47	206.95082	196.94138	187.62536
3604314.47	212.73626	202.10655	192.22806
3604164.47	218.75017	207.42794	196.93320
3604014.47	224.93553	212.84640	201.68505
3603864.47	231.18689	218.26525	206.40389
3603714.47	237.38640	223.59209	211.02369
3603564.47	243.45742	228.78841	215.52504

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 121

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	495921.32		496071.32		X-COORD (METERS)	
	496521.32				496221.32	
3603584.9	32496.53954	(90020907)	37416.99902	(90020907)	46651.89290	(90120306)
31082.17666	(91031207)	31420.14756	(91031207)			
3603434.9	43192.95547	(90012702)	59308.81661	(90012702)	60458.66136	(91011103)
59863.28042	(91011103)	59068.41241	(91011103)			
3603284.9	26929.56185	(90021006)	30088.56478	(90021006)	37644.55746	(90031506)
26579.11449	(92100506)	26097.70662	(92100506)			
3603134.9	19354.49364	(92100506)	24684.31266	(92092803)	26816.14186	(90012605)
19210.06107	(91030303)	19884.70227	(91030303)			
3602984.9	18284.77148	(90021006)	25026.63184	(92103108)	21438.03333	(90012605)
17357.72424	(90021006)	17931.94491	(90021006)			
3602834.9	17902.03279	(90021006)	26148.93410	(90110406)	18096.62466	(90012605)
16044.84985	(92100506)	16471.72148	(92100506)			
3602684.9	17734.88072	(92100506)	24389.88764	(90120306)	15767.98580	(90012605)
14822.71908	(92122207)	15113.60420	(92122207)			
3602534.9	17779.75783	(92122207)	21226.82357	(90100905)	14041.78115	(90012605)
13566.06080	(92100404)	13614.76127	(92100404)			
3602384.9	17135.06448	(92122207)	17919.23971	(90100905)	12733.41353	(90012605)
12505.45015	(90020607)	12536.49129	(90020607)			
3602234.9	17015.40950	(92103108)	16012.46112	(90031506)	11830.24095	(90020607)
11592.92916	(90020607)	11503.92476	(90020607)			
3602084.9	16200.39751	(90110406)	15939.62749	(90031506)	11204.82588	(90020607)
10889.08718	(90020607)	10812.94922	(90020607)			
3601934.9	14803.82230	(90110406)	17868.66929	(90012605)	10863.02068	(90020607)
10482.77005	(90020607)	10438.52657	(90020607)			
3601784.9	13481.87144	(92112604)	18568.81993	(90031506)	10752.75904	(90020607)
10266.31703	(90020607)	10213.31564	(90020607)			
3601634.9	12337.41317	(90120306)	18040.77181	(90020605)	11599.96580	(92092408)
10129.48451	(90020607)	10012.37765	(90110404)			

3601484.9	|	11570.94447 (90110404)	16762.14884 (90012904)	16152.54729 (91012204)
10265.07501	(90110404)	10008.57105 (91031608)		
3601334.9	|	11114.06571 (90110404)	13576.90688 (90121706)	25556.38082 (92020506)
18433.23277	(92092408)	13103.20674 (92092408)		
3601184.9	|	11914.39691 (90110404)	14216.71537 (91031608)	17681.00322 (91031608)
24567.85301	(90121805)	21076.89625 (91012204)		
3601034.9	|	11619.27968 (91031608)	12655.16090 (90012806)	14216.37193 (90012806)
16942.05600	(90012806)	23589.20459 (92011404)		
3600884.9	|	10881.63143 (90012806)	11573.86604 (90012806)	12486.03947 (90012806)
13801.01088	(90012806)	16006.50946 (90012806)		
3600734.9	|	10205.74944 (90012806)	10670.40207 (90012806)	11235.29273 (90012806)
12085.63259	(90011809)	13299.84155 (90011809)		
3600584.9	|	9522.96787 (90012806)	9969.81720 (90011809)	10479.21371 (90011809)
11057.82404	(90011809)	11756.89948 (90011809)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 122

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497121.32	496671.32	496821.32	496971.32

3603584.9	32726.90334 (91031207)	34451.57482 (91031207)	36333.95811 (91031207)
38129.26196	(91031207) 40312.25318 (91013103)		
3603434.9	58444.95356 (91011103)	58029.09156 (91011103)	58607.20637 (91011103)
59327.63320	(90012702) 57658.87548 (91030303)		
3603284.9	25188.55916 (92013103)	25265.10195 (91030303)	26475.24636 (91030303)
28067.50332	(91030303) 30122.44046 (91030303)		
3603134.9	20751.58881 (91030303)	21764.15745 (91030303)	22911.05496 (91030303)
24196.34295	(91030303) 25896.13398 (90021006)		
3602984.9	18638.10660 (90021006)	19403.76862 (90021006)	20409.70967 (92100506)
21528.43208	(92100506) 22603.30893 (92100506)		
3602834.9	16949.08837 (92100506)	17564.85663 (92122207)	18271.12302 (92122207)
18839.46374	(92122207) 19297.28177 (92100404)		
3602684.9	15397.56745 (92122207)	15652.83359 (92100404)	15998.73727 (90020607)
16390.42400	(90020607) 16534.00698 (90020607)		
3602534.9	13859.65468 (90020607)	14055.84348 (90020607)	14124.55830 (90020607)
14109.33683	(90110404) 14068.88410 (90012806)		
3602384.9	12546.22825 (90020607)	12522.59799 (90020607)	12483.95990 (90020607)
12505.88849	(92122207) 12710.42626 (92122207)		
3602234.9	11467.77617 (90020607)	11498.09830 (92122207)	11664.47375 (92122207)
11876.32506	(92122207) 12130.26270 (92122207)		
3602084.9	10836.99251 (90020607)	10949.94986 (92100404)	11121.13939 (92100404)
11323.06959	(92100404) 11572.07961 (90020607)		
3601934.9	10511.03321 (90020607)	10650.38411 (90020607)	10837.67934 (90020607)
11061.84449	(90020607) 11313.61310 (90020607)		
3601784.9	10276.92833 (90020607)	10392.44603 (90020607)	10535.67630 (90020607)
10709.28812	(90110404) 10941.71647 (90110404)		
3601634.9	10050.14974 (90110404)	10139.20079 (90110404)	10252.01002 (90110404)
10450.60306	(91031608) 10657.07024 (91031608)		

3601484.9	|	9970.18302 (91031608)	10005.14103 (91031608)	10071.48158 (91031608)
10144.49329	(91031608)	10361.36400 (90012806)		
3601334.9	|	10598.25096 (92092408)	9905.44595 (90012806)	9946.54279 (90012806)
10014.02571	(90012806)	10075.60052 (90012806)		
3601184.9	|	15588.34025 (92092408)	11972.32567 (92092408)	9942.06142 (92092408)
9692.49128	(90012806)	9751.61264 (90011809)		
3601034.9	|	23654.88298 (90121806)	16917.88963 (92092408)	12587.26010 (92092408)
10240.72615	(92092408)	9578.87038 (90011809)		
3600884.9	|	20867.82575 (90012806)	25199.06998 (90122610)	18613.59301 (92092408)
13145.44037	(92092408)	10361.07298 (92092408)		
3600734.9	|	15170.09538 (90011809)	18901.60987 (90011809)	25732.42129 (91013011)
20381.37492	(92092408)	13281.57339 (92092408)		
3600584.9	|	12741.71169 (90022203)	14324.78378 (90022203)	17155.24109 (90022203)
25799.81580	(90030707)	20010.48535 (90031605)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 123

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497871.32	497421.32	497571.32	497721.32

3603584.9	42358.23162 (91013103)	43937.69418 (90012807)	42284.81994 (91011102)
38578.33888	(90020406) 36123.07889 (90012906)		
3603434.9	53565.97735 (91030303)	51076.16598 (91011103)	54618.96740 (90020907)
66027.24775	(91031207) 76878.91598 (90020703)		
3603284.9	32828.37945 (91030303)	36479.50453 (91030303)	41647.68281 (91030303)
49520.26254	(91030303) 62586.68732 (91030303)		
3603134.9	28060.93931 (90021006)	30546.90478 (90021006)	33698.47632 (92100506)
37204.64953	(92100506) 41318.29006 (92122207)		
3602984.9	23986.13168 (92122207)	25235.85068 (92122207)	26350.62231 (90020607)
27541.63213	(90020607) 28115.65211 (91031608)		
3602834.9	20030.21935 (90020607)	20409.62584 (90020607)	20585.72892 (91031608)
20995.05619	(90022203) 21641.37632 (92012907)		
3602684.9	16603.32439 (91031608)	16602.04540 (90011809)	16997.56109 (90092306)
17472.06495	(92012907) 17468.91779 (90091203)		
3602534.9	14212.83484 (90022203)	14502.16925 (90092306)	14767.78964 (92012907)
14844.24878	(92100506) 15382.47324 (92100506)		
3602384.9	12977.81706 (92122207)	13310.19106 (92122207)	13708.02364 (92122207)
14168.65168	(92122207) 14685.57289 (92122207)		
3602234.9	12422.34554 (92122207)	12746.87430 (92122207)	13098.57622 (92122207)
13491.10742	(92100404) 13913.24311 (92100404)		
3602084.9	11891.24881 (90020607)	12252.69655 (90020607)	12646.41799 (90020607)
13060.77564	(90020607) 13481.39778 (90020607)		
3601934.9	11583.48700 (90020607)	11860.92838 (90020607)	12188.96038 (90110404)
12542.99717	(90110404) 12984.71598 (91031608)		
3601784.9	11177.21817 (90110404)	11490.50049 (91031608)	11805.31039 (91031608)
12087.51417	(91031608) 12523.34242 (90012806)		
3601634.9	10852.62599 (91031608)	11091.52225 (90012806)	11432.64888 (90012806)
11719.24005	(90012806) 11927.32806 (90012806)		

3601484.9	|	10581.00121 (90012806)	10763.04587 (90012806)	10889.15588 (90012806)
11156.70989		(90011809)	11489.25512 (90011809)	
3601334.9	|	10110.46029 (90012806)	10304.62743 (90011809)	10555.79893 (90011809)
10710.98810		(90011809)	10948.78526 (90022203)	
3601184.9	|	9884.58866 (90011809)	9968.66525 (90011809)	10085.83333 (90022203)
10299.98367		(90022203)	10376.93030 (90022203)	
3601034.9	|	9502.91370 (90022203)	9636.14103 (90022203)	9695.50446 (90022203)
9656.33088		(90022203)	9813.64669 (90092306)	
3600884.9	|	9295.36151 (90022203)	9181.59345 (90022203)	9133.85727 (90092306)
9263.45986		(90092306)	9252.47300 (90092306)	
3600734.9	|	10103.58935 (92092408)	8784.31087 (90092306)	8781.03264 (90092306)
8754.72189		(90092305)	8784.88079 (92012907)	
3600584.9	|	10544.92747 (92122602)	8380.66044 (90092306)	8320.09756 (90092305)
8308.87121		(92012907)	8245.23027 (92103107)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 124

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
498621.32	498171.32	498321.32	498471.32

3603584.9	37192.48855 (91012204)	37167.20946 (91013103)	40103.78003 (90020703)
40931.55780	(90012807) 40922.16396 (90012807)		
3603434.9	80495.87722 (90121805)	62153.63609 (91012204)	49650.91232 (92092408)
70370.25803	(91011103) 68461.56729 (90020907)		
3603284.9	85411.24677 (91030303)	117889.77175 (90020907)	91035.95222 (92013009)
115716.23232	(92092408) 81741.83539 (92092408)		
3603134.9	45672.00756 (92122207)	51111.09069 (90020607)	56596.15845 (92012907)
78744.58050	(90123106) 80622.61280 (91111303)		
3602984.9	29262.21330 (90092306)	30484.22642 (92103107)	31001.86536 (90010603)
36280.63306	(92011404) 40697.83658 (90010305)		
3602834.9	21849.00720 (90091203)	22133.54709 (91121305)	21782.35919 (90120604)
24094.60423	(92012307) 27301.20374 (92122606)		
3602684.9	17523.11299 (92011308)	17714.52459 (90021006)	18496.53202 (90021006)
19299.18083	(90021006) 20215.40465 (92100506)		
3602534.9	15989.05558 (92100506)	16647.96681 (92100506)	17337.41810 (92100506)
18117.45517	(92122207) 18959.84100 (92122207)		
3602384.9	15247.34901 (92122207)	15838.04874 (92122207)	16439.78852 (92122207)
17036.81789	(92122207) 17834.65529 (90020607)		
3602234.9	14471.86831 (90020607)	15077.93607 (90020607)	15680.36691 (90020607)
16271.17314	(90110404) 16997.40876 (91031608)		
3602084.9	13915.82560 (90110404)	14414.43521 (91031608)	15020.11963 (91031608)
15554.42594	(91031608) 16310.73097 (90012806)		
3601934.9	13406.84889 (91031608)	13874.25496 (90012806)	14438.86555 (90012806)
14877.04086	(90012806) 15377.56710 (90011809)		
3601784.9	12931.66495 (90012806)	13238.51853 (90012806)	13642.96932 (90011809)
14146.77426	(90011809) 14524.04269 (90022203)		
3601634.9	12259.03780 (90011809)	12671.55474 (90011809)	12907.05245 (90022203)
13366.92701	(90022203) 13538.88782 (90022203)		

3601484.9	|	11686.17086 (90011809)	12036.12728 (90022203)	12252.53304 (90022203)
12323.24926		(90092306)	12581.33535 (90092306)	
3601334.9	|	11180.17614 (90022203)	11223.55651 (90022203)	11436.60257 (90092306)
11524.16476		(90092306)	11616.48715 (92012907)	
3601184.9	|	10418.27950 (90092306)	10626.20342 (90092306)	10666.51778 (90092305)
10721.10990		(92012907)	10690.45875 (92103107)	
3601034.9	|	9897.18662 (90092306)	9944.42175 (92012907)	9945.34393 (92012907)
9933.13379		(92103107)	9799.83034 (92102504)	
3600884.9	|	9328.08650 (92012907)	9272.48836 (92012907)	9278.94483 (92103107)
9154.29112		(92102504)	9337.93634 (90091203)	
3600734.9	|	8711.97080 (92103107)	8710.37744 (92103107)	8593.83836 (92102504)
8744.68979		(90091203)	8773.98626 (90110206)	
3600584.9	|	8213.81691 (92103107)	8103.75749 (92102504)	8223.05153 (90091203)
8245.66919		(90110206)	8294.45519 (92110709)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 125

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 498921.32

3603584.9 | 40127.10569 (90012807)
3603434.9 | 77756.08977 (90020907)
3603284.9 | 62171.97587 (92092408)
3603134.9 | 68301.03827 (92013009)
3602984.9 | 38383.37205 (90101006)
3602834.9 | 27018.19916 (90123106)
3602684.9 | 21203.84186 (92100506)
3602534.9 | 19807.76931 (92122207)
3602384.9 | 18650.84787 (90020607)
3602234.9 | 17752.55180 (91031608)
3602084.9 | 16921.64044 (90012806)
3601934.9 | 15991.13785 (90011809)
3601784.9 | 14991.88982 (90022203)
3601634.9 | 13775.21825 (90092306)
3601484.9 | 12652.15018 (92012907)
3601334.9 | 11574.02049 (92103107)
3601184.9 | 10549.65963 (92102504)
3601034.9 | 10016.27667 (90091203)
3600884.9 | 9364.17762 (90110206)
3600734.9 | 8847.77100 (92110709)
3600584.9 | 8291.92906 (92042704)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 126

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
496374.40	496224.40
3606567.5	14449.47476
17504.65839	15582.15702
3606417.5	16072.39512
19584.31249	16606.99755
3606267.5	17084.31766
20528.67593	17394.99144
3606117.5	17683.36515
21164.02186	18187.81115
3605967.5	18328.28079
21743.67545	17046.96847
3605817.5	17543.01706
22256.22635	18516.57069
3605667.5	19893.70602
22545.75112	21666.99260
3605517.5	
23056.21703	
3605367.5	
24300.90220	
3605217.5	
23040.42465	
3605067.5	
23823.08400	
3604917.5	
26418.22503	
3604767.5	
30644.54424	
3604617.5	
36777.14311	

3604467.5	|	17680.31132 (90012807)	19582.75328 (90110307)	23575.83047 (90110307)
43425.42357	(90110406)	22704.69803 (90110403)		
3604317.5	|	18947.39731 (90012807)	21131.32765 (90012807)	25985.22110 (90012807)
44514.86922	(90100905)	19947.04430 (92092408)		
3604167.5	|	20404.62323 (90012807)	22910.25652 (90012807)	29013.74058 (90012807)
38816.40304	(90012605)	18471.01777 (92092408)		
3604017.5	|	22380.72186 (90020703)	25337.60528 (90020703)	33216.52748 (90020703)
31237.23165	(90102504)	19492.09124 (90012807)		
3603867.5	|	24795.15576 (91013103)	28515.00742 (91013103)	35271.36024 (92092803)
25558.01552	(92122605)	22404.72009 (90020703)		
3603717.5	|	28068.43403 (91031207)	32517.68749 (91031207)	39901.56691 (90110406)
26902.22157	(91031207)	26367.14294 (91031206)		
3603567.5	|	33815.87779 (90020907)	38959.28660 (90020907)	42789.02687 (90120306)
32288.36234	(90020907)	32352.21892 (90020907)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 127

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
497124.40	496974.40
3606567.5	12834.48945 (91013010)
9735.02159 (90012509)	7814.23377 (90040908)
3606417.5	12913.66386 (91013010)
10072.86049 (92092408)	8972.16494 (92092408)
3606267.5	15048.56812 (92092408)
12217.05480 (92092408)	10471.54236 (92092408)
3606117.5	15532.93580 (92092408)
12592.44492 (92092408)	10788.75899 (92092408)
3605967.5	15819.30050 (92092408)
12814.21358 (92092408)	10970.92146 (92092408)
3605817.5	15992.04622 (92092408)
12987.81206 (92092408)	11140.73862 (92092408)
3605667.5	16133.06036 (92092408)
13158.50848 (92092408)	11303.25950 (92092408)
3605517.5	16179.79921 (92092408)
13181.26316 (92092408)	11243.70102 (92092408)
3605367.5	15473.41909 (92092408)
12424.81974 (92092408)	10491.20276 (92092408)
3605217.5	13033.25976 (92092408)
10718.54972 (92092408)	9848.19658 (90020406)
3605067.5	11388.81886 (92092408)
10573.37377 (90121706)	10344.72262 (90121706)
3604917.5	11418.86726 (91011102)
11100.30887 (90121706)	10932.18491 (90121706)
3604767.5	12049.01549 (91011102)
11823.18627 (91011102)	11650.79872 (91011102)
3604617.5	12717.69977 (91011102)
12580.87846 (91011102)	12485.75089 (91011102)

3604467.5	|	15263.93237 (90121007)	14204.61353 (91012307)	13876.84932 (91012307)
13618.89391	(91012307)	13396.50901 (91011102)		
3604317.5	|	15786.43439 (90110307)	15385.41291 (90110307)	15190.66517 (91012307)
15087.87977	(91012307)	15004.69145 (91012307)		
3604167.5	|	17169.43988 (90012807)	16863.46745 (90012807)	16668.83840 (90012807)
16636.29214	(90110307)	16644.08743 (90110307)		
3604017.5	|	18887.34846 (90012807)	18723.39239 (90012807)	18730.72273 (90012807)
18761.43212	(90012807)	18777.86383 (90012807)		
3603867.5	|	22031.44790 (90020703)	21952.74455 (90012807)	21723.66179 (90012807)
21552.81694	(90012807)	21581.86769 (90012807)		
3603717.5	|	26871.39339 (91013103)	27538.30611 (91013103)	27944.70663 (90020703)
28326.90115	(90012807)	28234.83277 (90012807)		
3603567.5	|	33546.81554 (91031207)	35471.13766 (91031207)	37723.69221 (91031207)
40132.53426	(91031207)	42300.76136 (91031206)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 128

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
497874.40	497724.40
497424.40	497574.40
498024.40	
3606567.5	7120.39832 (90031406)
7341.77833 (90010409)	7201.40341 (90012904)
3606417.5	7509.68824 (90012904)
7438.52944 (90012904)	7579.97758 (90010409)
3606267.5	7800.73417 (92092408)
7849.74013 (90012904)	7675.55764 (90010409)
3606117.5	8039.85718 (92092408)
8090.28944 (90012904)	8436.96140 (92092408)
3605967.5	8188.69429 (92092408)
8249.84926 (90012310)	8693.23012 (92092408)
3605817.5	8322.45357 (92092408)
8381.45709 (92030905)	8998.12391 (92092408)
3605667.5	8653.07938 (90012906)
8654.69351 (92020506)	8627.16643 (90012310)
3605517.5	8927.79411 (90012906)
9036.57618 (90012906)	9078.13948 (92092408)
3605367.5	9220.17700 (90121805)
9254.55274 (90012906)	9103.10434 (90012906)
3605217.5	9680.11028 (90121805)
9698.36104 (90121805)	9278.44585 (90121805)
3605067.5	10089.40347 (90020406)
10129.94413 (90121805)	9451.74589 (90012906)
3604917.5	10635.93811 (90121706)
10644.67747 (90020406)	9708.19164 (90020406)
3604767.5	11371.74666 (90121706)
11343.18213 (90121706)	9705.31031 (90121805)
3604617.5	12234.21686 (91011102)
12151.22135 (90121706)	10172.80265 (91031303)
	10222.72491 (90121805)
	10717.23998 (90121706)
	10678.27038 (90020406)
	11411.89413 (90121706)
	11316.86119 (90121706)
	12317.50430 (91011102)
	12159.96359 (90121706)

3604467.5	|	13396.03800 (91011102)	13372.30276 (91011102)	13327.98932 (91011102)
13278.34231	(91011102)	13231.59551 (91011102)		
3604317.5	|	14898.52444 (91012307)	14742.82719 (91012307)	14644.52230 (91011102)
14622.20791	(91011102)	14577.76932 (91011102)		
3604167.5	|	16674.36168 (91012307)	16750.11047 (91012307)	16743.66619 (91012307)
16634.76669	(91012307)	16452.65458 (91012307)		
3604017.5	|	18818.51180 (90012807)	18893.91681 (90012807)	19112.60215 (90110307)
19265.09187	(91012307)	19325.48003 (91012307)		
3603867.5	|	21666.64890 (90012807)	21768.92506 (90012807)	22068.80169 (90012807)
22560.19974	(90012807)	22930.55789 (90012807)		
3603717.5	|	27503.80322 (91012307)	26485.56167 (90121706)	26217.61930 (90020703)
26355.69899	(90020703)	27295.83556 (90020703)		
3603567.5	|	45512.39398 (91013103)	47704.77850 (90012807)	47195.95359 (91012307)
42492.15582	(90121706)	39776.43937 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 129

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
498624.40	498474.40
3606567.5	7747.92680 (90010409) 7983.54449 (90020605) 8249.52541 (90020605)
8695.79089	(90010911) 9427.73246 (92022604)
3606417.5	7943.88171 (90010409) 8126.52651 (90010409) 8407.50425 (90020605)
8718.00463	(90020605) 9322.96608 (90010911)
3606267.5	8052.33595 (90010409) 8356.14772 (90010409) 8552.99657 (90010409)
8887.67743	(90020605) 9263.43239 (90020605)
3606117.5	8219.42922 (90012904) 8485.23041 (90010409) 8831.14954 (90010409)
9051.70449	(90020605) 9439.60383 (90020605)
3605967.5	8666.54948 (90012904) 8702.16869 (90012904) 8990.17473 (90010409)
9388.24964	(90010409) 9660.30961 (90020605)
3605817.5	8859.60860 (90012904) 9163.50825 (90012904) 9267.72626 (90012904)
9586.99218	(90010409) 10052.87968 (90010409)
3605667.5	9045.78441 (90012310) 9316.87095 (90012904) 9733.75771 (90012904)
9934.23819	(90012904) 10299.32295 (90010409)
3605517.5	9235.70990 (92020506) 9507.00925 (90012310) 9892.15008 (90012310)
10388.33341	(90012904) 10720.67924 (90012904)
3605367.5	9616.08243 (90012906) 9754.14476 (92020506) 10022.18602 (92030905)
10546.64344	(90012310) 11139.21420 (90012904)
3605217.5	9893.51978 (90012906) 10165.43256 (90012906) 10374.08376 (90012906)
10678.83017	(92020506) 11275.36262 (90012310)
3605067.5	10302.69043 (90121805) 10368.20054 (90121805) 10747.03676 (90012906)
11094.57121	(90012906) 11443.91780 (92020506)
3604917.5	10789.63967 (90121805) 10951.60638 (90121805) 11098.34840 (90121805)
11357.98325	(90012906) 11865.63672 (90012906)
3604767.5	11362.12248 (90020406) 11454.95135 (90020406) 11649.45732 (90121805)
11893.73489	(90121805) 12132.56812 (90121805)
3604617.5	12179.92455 (90121706) 12199.61438 (90121706) 12282.02090 (90020406)
12440.60363	(90020406) 12748.29072 (90121805)

3604467.5	|	13185.04899 (91011102)	13182.16668 (90121706)	13273.36521 (90012904)
13310.49455	(90121706)	13437.94596 (90020406)		
3604317.5	|	14544.60040 (91011102)	14529.73076 (91011102)	14519.53184 (91011102)
14655.80878	(90012904)	14599.42620 (90121706)		
3604167.5	|	16291.83725 (91011102)	16225.45722 (91011102)	16201.42142 (91011102)
16223.11127	(91011102)	16408.43798 (90012904)		
3604017.5	|	19225.39527 (91012307)	19046.91116 (91012307)	18833.90260 (91012307)
18603.20360	(91012307)	18416.77151 (90012310)		
3603867.5	|	23117.19089 (90110307)	23073.42634 (91012307)	22904.65471 (91012307)
22672.84849	(91012307)	22453.91076 (91012307)		
3603717.5	|	28531.88010 (90012807)	29528.22842 (90012807)	29524.52411 (90012807)
29148.17765	(90012807)	28768.85591 (90110307)		
3603567.5	|	39619.61568 (90020605)	38204.14471 (91013103)	41902.65050 (90020703)
43386.64119	(90012807)	43567.70602 (90012807)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 130

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 498924.40

3606567.5 | 10521.64063 (91012204)
3606417.5 | 10325.99162 (92022604)
3606267.5 | 10100.30699 (90010911)
3606117.5 | 9938.41043 (90010911)
3605967.5 | 10083.74501 (90020605)
3605817.5 | 10386.38076 (90020605)
3605667.5 | 10856.51924 (90010409)
3605517.5 | 11155.57167 (90010409)
3605367.5 | 11648.75678 (90012904)
3605217.5 | 12000.26953 (90012904)
3605067.5 | 12087.34300 (90012310)
3604917.5 | 12305.68579 (90012906)
3604767.5 | 12686.34542 (90012906)
3604617.5 | 13114.67905 (90121805)
3604467.5 | 13680.57949 (90020406)
3604317.5 | 14719.15100 (90010409)
3604167.5 | 16258.02844 (90010409)
3604017.5 | 18723.16556 (90012904)
3603867.5 | 22272.85924 (91012307)
3603717.5 | 28318.41749 (90110307)
3603567.5 | 42765.60309 (90012807)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 131

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	498904.52	499054.52	X-COORD (METERS) 499204.52
499354.52	499504.52		
3603584.8	40263.78371 (90012807)	39048.53960 (90012807)	40136.68118 (92092408)
42577.96665	(92092408) 44094.86471 (92092408)		
3603434.8	78847.96741 (92092408)	89171.75067 (92092408)	79299.41822 (92092408)
83436.01711	(92092408) 88249.49777 (92092408)		
3603284.8	63640.07335 (92092408)	55755.11993 (92092408)	55944.73026 (92092408)
60067.66441	(92092408) 65681.89707 (92092408)		
3603134.8	71238.41508 (90021108)	61517.34386 (92070904)	53408.99174 (91110506)
47903.84596	(90110504) 44253.26330 (90110504)		
3602984.8	38615.45082 (90122610)	35987.71021 (90120404)	32980.92085 (92122602)
31118.57901	(91030303) 34047.38088 (91030303)		
3602834.8	27221.52977 (90010305)	25637.10133 (90032105)	25541.98113 (90021006)
27274.00884	(90021006) 29463.75327 (92100506)		
3602684.8	21088.46934 (92100506)	22137.44936 (92100506)	23338.83062 (92122207)
24816.19932	(92122207) 26417.55565 (90020607)		
3602534.8	19712.17953 (92122207)	20545.62898 (92122207)	21672.78820 (90020607)
22904.01201	(90110404) 24470.62551 (91031608)		
3602384.8	18561.48140 (90020607)	19391.23536 (90110404)	20441.29400 (91031608)
21625.59697	(90012806) 22607.55997 (90012806)		
3602234.8	17673.06489 (91031608)	18555.82349 (90012806)	19388.30089 (90012806)
20224.41839	(90011809) 21136.84432 (90011809)		
3602084.8	16861.20243 (90012806)	17462.54669 (90011809)	18240.03916 (90011809)
18955.66736	(90022203) 19535.97777 (90022203)		
3601934.8	15935.21822 (90011809)	16453.51959 (90022203)	16964.39704 (90022203)
17210.95353	(90092306) 17372.47906 (92012907)		
3601784.8	14956.24146 (90022203)	15099.56067 (90022203)	15415.37101 (90092306)
15470.17956	(92012907) 15451.70056 (90091203)		
3601634.8	13739.75067 (90092306)	13851.93249 (90092306)	13898.29375 (92012907)
13803.46099	(90091203) 14206.60337 (90110206)		

3601484.8	|	12634.54390 (92012907)	12603.07364 (92103107)	12478.51237 (92102504)
12833.79114		(90110206)	13022.34602 (92110709)	
3601334.8	|	11570.45465 (92103107)	11434.04391 (92102504)	11709.98912 (90091203)
11894.97021		(92110709)	12219.07254 (92011308)	
3601184.8	|	10553.20751 (92102504)	10795.39717 (90091203)	10883.14859 (92110709)
11055.25333		(92011308)	11442.77981 (91121305)	
3601034.8	|	10007.90019 (90091203)	10038.56945 (90110206)	10112.67473 (92110709)
10426.45037		(92011308)	10566.75348 (91121305)	
3600884.8	|	9366.68976 (90110206)	9452.87423 (92110709)	9649.72278 (92011308)
9877.42606		(91121305)	9899.15796 (90010603)	
3600734.8	|	8839.43781 (92110709)	8897.83325 (92042704)	9105.41891 (91121305)
9193.90665		(91121305)	9328.23383 (90010603)	
3600584.8	|	8258.54340 (92110709)	8525.70678 (92011308)	8690.38744 (91121305)
8671.53300		(90010603)	8796.23549 (91121207)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 132

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
500104.52	499654.52	499804.52	499954.52

3603584.8	45137.05649 (92092408)	45777.06790 (92092408)	46597.73004 (92092408)
47308.18912	(92092408) 47781.78110 (92092408)		
3603434.8	80803.48371 (92092408)	85579.66353 (92092408)	93423.61538 (92092408)
85341.38847	(92092408) 88307.93782 (92092408)		
3603284.8	64716.37209 (92092408)	56082.16131 (92092408)	48397.64855 (92092408)
42985.59493	(92092408) 39341.75240 (92092408)		
3603134.8	51417.27174 (90020907)	57016.41757 (91031207)	61049.52909 (90091205)
46841.20152	(90010410) 43839.53939 (91031207)		
3602984.8	38245.50120 (91030303)	44613.84139 (91030303)	55324.25488 (91030303)
72165.74223	(91030303) 83841.53446 (91030303)		
3602834.8	32468.11741 (92100506)	36373.79325 (92122207)	41075.12365 (90020607)
46317.84544	(91031608) 42966.48139 (90011809)		
3602684.8	28798.86664 (90020607)	31627.89637 (91031608)	34307.57441 (90012806)
34528.82093	(90022203) 28043.94424 (90110406)		
3602534.8	26268.37550 (90012806)	27815.17445 (90011809)	28855.14824 (90022203)
29170.25335	(90110206) 32261.18658 (90100905)		
3602384.8	23776.59950 (90011809)	24777.32882 (90022203)	27669.26443 (90020607)
32029.90337	(90020607) 40159.33748 (90012806)		
3602234.8	22123.85891 (90022203)	23179.75934 (90022203)	24022.53049 (90022203)
27017.76018	(90010603) 34788.31563 (90012605)		
3602084.8	19894.23527 (90092306)	20143.04016 (90091203)	21796.49676 (92011308)
24367.81508	(90110405) 28310.19797 (90012605)		
3601934.8	17513.98066 (90091203)	18268.62179 (92110709)	19413.47183 (91121305)
21053.89622	(92092803) 23752.71749 (92122605)		
3601784.8	15971.89524 (92110709)	16777.92687 (91121305)	17416.90477 (91121207)
18643.21901	(90110406) 20596.69179 (92122605)		
3601634.8	14666.59132 (92011308)	15118.44982 (91121305)	15863.14056 (90110405)
16705.01818	(92112604) 18228.99772 (92122605)		

3601484.8	|	13603.71821 (91121305)	13856.70244 (90010603)	14402.18309 (90120604)
15120.16863		(90120306)	16384.57962 (92122605)	
3601334.8	|	12426.63409 (91121305)	12682.25678 (90110405)	13094.19291 (90012504)
13793.42230		(90100905)	14899.26594 (92122605)	
3601184.8	|	11542.54372 (90010603)	11882.54205 (90110405)	12142.08922 (90110406)
12794.92758		(90031506)	13680.91620 (92122605)	
3601034.8	|	10723.76372 (91121207)	11074.49724 (90120604)	11414.49385 (90110406)
11951.05307		(90031506)	12662.18857 (92122605)	
3600884.8	|	10093.12211 (90110405)	10320.22582 (92092803)	10708.53792 (92112604)
11187.57570		(90031506)	11790.59236 (92122605)	
3600734.8	|	9564.99216 (90110405)	9693.28807 (90012504)	10094.18438 (90120306)
10501.99978		(90031506)	11036.81097 (92122605)	
3600584.8	|	9044.16268 (90120604)	9158.07175 (90110406)	9539.01003 (90120306)
9923.05113		(90012605)	10377.83263 (92122605)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 133

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
500854.52	500404.52	500554.52	500704.52

3603584.8	47928.01050 (92092408)	47617.44644 (92092408)	46877.99507 (92092408)
45916.50271	(92092408) 44714.67505 (92092408)		
3603434.8	91017.97932 (92092408)	96138.01022 (92092408)	81188.93639 (92092408)
82638.36577	(92092408) 83576.56070 (92092408)		
3603284.8	37097.86262 (92092408)	35844.53776 (92092408)	35671.09638 (91021909)
35525.91350	(91021909) 36516.96109 (92092408)		
3603134.8	47850.28428 (91031207)	52853.46190 (91013103)	58551.19749 (91013103)
62070.82378	(92092408) 77381.81798 (92092408)		
3602984.8	82576.79913 (90021006)	78403.79941 (92092408)	77135.95557 (90010410)
71569.46437	(90091205) 65411.61292 (90091205)		
3602834.8	39521.70572 (90022203)	42393.83209 (90120404)	41787.82666 (90010509)
39806.51557	(92013009) 37922.61194 (92070904)		
3602684.8	29771.55858 (90031508)	31842.06670 (90122610)	32000.34652 (90120106)
31714.99600	(90120404) 38488.18207 (92092408)		
3602534.8	32299.78588 (92100803)	41964.22588 (92122207)	52810.49643 (92092408)
44074.24272	(92092408) 42095.13679 (90120404)		
3602384.8	46421.81754 (92100803)	39355.89111 (90123106)	34160.45285 (92012303)
30277.47356	(90122610) 28192.35095 (90101006)		
3602234.8	37284.74784 (90022005)	30035.83482 (91013007)	27745.42539 (90010305)
25968.48435	(92012303) 24364.41590 (90012903)		
3602084.8	30946.89806 (91021003)	26699.05860 (92012307)	23543.61491 (90030707)
22545.90212	(90010305) 21654.64089 (91013011)		
3601934.8	26020.98443 (90121007)	24113.73597 (92100803)	21218.72944 (92012205)
19698.72615	(92122606) 19200.83847 (90010305)		
3601784.8	22251.23941 (90113001)	21709.89137 (90031508)	19729.76161 (92012307)
17906.88057	(91013007) 17069.38292 (92012206)		
3601634.8	19429.77806 (90113001)	19595.37511 (90022005)	18266.77950 (90070507)
16828.44420	(90010407) 15662.89070 (92011404)		

3601484.8	|	17246.53153 (92122107)	17680.09134 (90021008)	16958.22452 (92100803)
15923.08616	(92012307)	14832.43697 (92012205)		
3601334.8	|	15619.21676 (90090803)	16081.84070 (91021003)	15732.69782 (90031508)
14938.77632	(90101004)	14130.39838 (92012307)		
3601184.8	|	14297.59462 (90020606)	14706.70718 (90121007)	14568.21270 (90022005)
14054.80797	(90070507)	13477.16605 (92012307)		
3601034.8	|	13222.56247 (90020606)	13618.13135 (90121007)	13611.42719 (90022005)
13225.95447	(92100803)	12756.05088 (90101004)		
3600884.8	|	12290.36631 (90020606)	12613.06044 (90121007)	12666.79300 (90021008)
12452.72138	(90031508)	12060.01952 (90070507)		
3600734.8	|	11477.25718 (90020606)	11713.48719 (90113001)	11840.85236 (91021003)
11722.63258	(90031508)	11458.27836 (92100803)		
3600584.8	|	10762.65133 (90020606)	10953.07517 (90113001)	11116.14402 (91021003)
11070.43579	(90022005)	10875.45643 (92100803)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 134

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
501604.52	501454.52
501154.52	501304.52
501754.52	

3603584.8	43345.45142 (92092408)	42126.29427 (92092408)	40637.30373 (92092408)
39146.25309	(92092408)	37934.29767 (92092408)	
3603434.8	75691.93756 (92092408)	67195.60961 (92092408)	67363.02761 (92092408)
66652.26566	(92092408)	64713.10030 (92092408)	
3603284.8	38359.78823 (92092408)	41088.21325 (92092408)	43313.92421 (92092408)
44338.53018	(92092408)	44250.90863 (92092408)	
3603134.8	83524.21440 (92092408)	78690.58311 (92092408)	71027.28006 (92092408)
64605.61539	(92092408)	60000.71785 (92092408)	
3602984.8	64071.34402 (90110504)	65821.47049 (90110504)	72923.90372 (90091205)
80438.67893	(90010410)	81261.86518 (91021909)	
3602834.8	36194.68272 (91110506)	35354.78560 (91110506)	35307.84188 (91110506)
36878.60638	(90010509)	43261.06317 (92012907)	
3602684.8	40316.63551 (92092408)	34317.33769 (92092408)	28606.37004 (92092408)
29598.66933	(92012907)	38044.30541 (92102504)	
3602534.8	39395.20366 (92122602)	30571.81155 (92013009)	26293.51864 (92070904)
26699.69014	(92102504)	34754.31496 (92011105)	
3602384.8	27483.50749 (90120106)	26729.29618 (90120404)	24981.58643 (92122602)
24585.21851	(90091203)	30738.46888 (90110405)	
3602234.8	23246.87183 (90122610)	22575.56883 (90120106)	22102.60156 (90120106)
21217.07782	(90120404)	25827.82913 (90012504)	
3602084.8	20819.34819 (90032105)	20187.16431 (90122610)	19667.94796 (90101006)
19263.90052	(90120106)	21565.61765 (90110406)	
3601934.8	18747.57180 (91013011)	18198.51783 (90012809)	17854.06990 (90032105)
17605.98707	(90122610)	18139.28717 (90120306)	
3601784.8	16829.49225 (90010305)	16598.67790 (90123106)	16296.19021 (92012303)
16149.17492	(90032105)	16071.71213 (90122610)	
3601634.8	15179.16179 (92012206)	15056.18603 (90010305)	14985.49498 (90123106)
14777.32321	(92012303)	14752.22409 (90032105)	

3601484.8	|	13982.56178 (90010803)	13714.79899 (92012206)	13678.91015 (90010305)
13689.47028	(90123106)	13585.82088 (91013011)		
3601334.8	|	13346.42498 (92011305)	12749.50720 (90030707)	12552.88266 (92012206)
12561.12507	(90010305)	12589.97811 (90123106)		
3601184.8	|	12812.45321 (90010407)	12199.84858 (92011305)	11757.12476 (92122606)
11589.31188	(92012206)	11615.51777 (90010305)		
3601034.8	|	12246.38219 (92012307)	11745.13362 (92012205)	11272.82001 (91013007)
10922.45671	(92122606)	10782.27651 (90120307)		
3600884.8	|	11730.76362 (92012307)	11281.17502 (90010407)	10866.26402 (92011305)
10482.26140	(92011404)	10203.67352 (92122606)		
3600734.8	|	11151.15957 (90102406)	10797.98864 (92012307)	10466.90924 (92012205)
10115.05359	(91013007)	9806.89469 (92011404)		
3600584.8	|	10614.07196 (90101004)	10392.43415 (92012307)	10069.43927 (90010407)
9768.36650	(92011305)	9474.33495 (91013007)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 135

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 501904.52

3603584.8 | 36972.39407 (92092408)
3603434.8 | 63562.98487 (92092408)
3603284.8 | 43021.01778 (92092408)
3603134.8 | 59021.48296 (90012710)
3602984.8 | 83514.36107 (90012710)
3602834.8 | 72807.07889 (90020606)
3602684.8 | 73546.38207 (90020606)
3602534.8 | 85056.05997 (90110403)
3602384.8 | 44463.08269 (90110403)
3602234.8 | 30291.98838 (91012203)
3602084.8 | 23280.67732 (91012203)
3601934.8 | 19216.33973 (91012203)
3601784.8 | 23540.48803 (91030303)
3601634.8 | 16717.04363 (91012203)
3601484.8 | 13788.74997 (91012203)
3601334.8 | 12515.38379 (91013011)
3601184.8 | 11636.17214 (90123106)
3601034.8 | 10803.28938 (90010305)
3600884.8 | 10086.89465 (90120307)
3600734.8 | 9574.86708 (92122606)
3600584.8 | 9198.24011 (92011404)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 136

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	498903.40	499053.40	X-COORD (METERS)	499203.40
499353.40	499503.40			

3606568.1	10344.76433 (91012204)	11680.21497 (90121806)	14223.94852 (90121005)
15735.81067	(90022508) 15553.76253 (92111309)		
3606418.1	10159.64321 (92022604)	11729.23618 (91012204)	14227.50538 (90022003)
18068.47978	(90121005) 19000.71606 (92111309)		
3606268.1	9955.46161 (90010911)	11307.31905 (92022604)	13901.72046 (91012204)
20583.34004	(90022003) 26550.97800 (92111309)		
3606118.1	9837.01436 (90020605)	10924.56411 (90010911)	13062.67478 (92022604)
18164.67222	(91012204) 34143.25348 (90022508)		
3605968.1	10019.73149 (90020605)	10651.15380 (90010911)	12315.73725 (90010911)
16301.08055	(91012204) 30521.04353 (90121005)		
3605818.1	10320.37781 (90020605)	10795.25395 (91012204)	11830.14964 (90121806)
14489.37785	(90010911) 23574.28696 (91012204)		
3605668.1	10793.46340 (90010409)	11196.56436 (90020605)	12041.33605 (90121806)
13427.33580	(90022003) 18471.14870 (90010911)		
3605518.1	11038.85120 (90010409)	11761.92502 (90010409)	12283.19164 (90020605)
13650.76396	(90121806) 16095.55925 (90022003)		
3605368.1	11597.17092 (90012904)	12046.84512 (90010409)	12960.65190 (90010409)
13899.35833	(91012204) 15858.01411 (90022003)		
3605218.1	11873.34551 (90012904)	12665.88696 (90012904)	13289.41564 (90010409)
14495.80274	(90010409) 16238.61841 (90121806)		
3605068.1	11959.79198 (90012310)	12826.56396 (90012904)	13947.94569 (90012904)
14878.49266	(90010409) 16596.88631 (90010409)		
3604918.1	12247.60367 (90012906)	12867.97832 (92030905)	14026.13238 (90012310)
15526.41956	(90012904) 17040.86670 (90010409)		
3604768.1	12587.71449 (90012906)	13276.79564 (90012906)	14045.99632 (92020506)
15479.79709	(90012310) 17552.45730 (90012904)		
3604618.1	13059.64646 (90121805)	13455.56474 (90121805)	14423.55858 (90012906)
15451.16453	(90012906) 17326.21988 (90012310)		

3604468.1	|	13640.69323 (90020406)	14094.29397 (90121805)	14697.43378 (90121805)
15687.89386	(90012906)	17342.89146 (90012906)		
3604318.1	|	14717.55243 (90010409)	14837.74814 (90020406)	15216.63591 (90020406)
16024.28555	(90121805)	17244.68050 (90121805)		
3604168.1	|	16282.57301 (90012904)	16435.95486 (90010409)	16406.42396 (90121706)
16750.84231	(91012204)	17381.98230 (90121805)		
3604018.1	|	18693.37079 (90012904)	18564.68913 (91011102)	18662.76439 (90010409)
18674.75164	(91012204)	19114.97796 (90121806)		
3603868.1	|	22279.45952 (91012307)	22085.73902 (91012307)	21779.38979 (91012307)
21904.27338	(91011102)	21892.49524 (91012204)		
3603718.1	|	28347.05282 (90110307)	28012.97740 (90110307)	27910.71416 (91012307)
27930.63337	(91012307)	27766.74729 (92092408)		
3603568.1	|	42832.24568 (90012807)	41497.47420 (90012807)	43901.99588 (92092408)
46285.57701	(92092408)	47625.71585 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 137

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
500103.40	499653.40
	500253.40
	499803.40
	499953.40

3606568.1	13088.78592 (92020809)	11356.82920 (90022306)	9913.72717 (90121403)
9238.68461	(90012710) 8600.18473 (90102106)		
3606418.1	14567.58905 (92020809)	12387.48942 (90022306)	10618.43592 (90121403)
9787.44727	(90012710) 8991.66012 (90102106)		
3606268.1	16582.36001 (92020809)	13674.00838 (90022306)	11465.81643 (90121403)
10407.48513	(90012710) 9410.68158 (90102106)		
3606118.1	19614.23476 (92020809)	15308.28489 (90022306)	12497.74189 (90121403)
11102.41299	(90012710) 9857.90695 (90102106)		
3605968.1	24326.39705 (92020809)	17395.37277 (90022306)	13769.19499 (90121403)
11873.16881	(90102106) 10335.41669 (90102106)		
3605818.1	31534.68858 (90022306)	20295.16983 (92020809)	15369.24400 (90121403)
12728.65601	(90102106) 10849.69777 (90102106)		
3605668.1	30757.80699 (90121005)	24877.89202 (92020809)	17455.17850 (90121403)
13653.62771	(90102106) 11414.75638 (90102106)		
3605518.1	28997.29904 (90010911)	33778.81740 (92111309)	20357.22531 (90121403)
14662.47491	(90102106) 12046.90313 (90102106)		
3605368.1	20018.88408 (90121005)	31426.28832 (90011110)	24983.60939 (90121403)
15814.57259	(90102106) 12748.39718 (90102106)		
3605218.1	19969.35143 (90022003)	27937.31972 (90011110)	32221.51738 (90012710)
17270.81514	(90102106) 13514.22907 (90122502)		
3605068.1	19893.30982 (90121806)	28355.92804 (90121005)	33738.29417 (90022306)
19108.10870	(90102106) 14424.01320 (91011803)		
3604918.1	20058.92133 (91012204)	29086.39624 (90022003)	39211.03281 (90022306)
21371.77165	(90102106) 15729.15230 (90010510)		
3604768.1	20260.57262 (90010409)	27932.88611 (90121806)	49089.57567 (92020809)
24300.14067	(90102106) 17553.86151 (90071406)		
3604618.1	20392.73000 (90012904)	25908.66031 (90010409)	46955.03817 (90121005)
29334.16655	(92092408) 20231.93323 (92092408)		

3604468.1	|	19862.79918 (90012310)	25046.55874 (90012904)	42185.63346 (90010911)
35582.93351	(92092408)	22956.52413 (92092408)		
3604318.1	|	19686.76539 (90012906)	23716.62499 (90012310)	34979.10219 (90012904)
46022.06742	(90022306)	26633.03380 (92092408)		
3604168.1	|	19092.66070 (90121805)	22585.29675 (90012906)	30967.76126 (92020506)
52638.55891	(92100803)	32175.44006 (92092408)		
3604018.1	|	19344.26043 (90022003)	20628.75631 (90121805)	26535.37485 (90121805)
49123.24019	(90020606)	39835.89177 (92092408)		
3603868.1	|	22217.19352 (90121806)	22892.06077 (90121005)	24367.49094 (92092408)
35549.24424	(90020606)	38220.49126 (92092408)		
3603718.1	|	29086.27601 (92092408)	30341.88228 (92092408)	31563.11952 (92092408)
32731.82067	(92092408)	32997.19720 (92092408)		
3603568.1	|	48435.66264 (92092408)	48934.67687 (92092408)	49748.12411 (92092408)
50467.43927	(92092408)	50960.12238 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 138

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
500853.40	500703.40
500403.40	500553.40
501003.40	
3606568.1	7907.63484 (90122502) 7450.37614 (90122502) 7066.99736 (90122502)
6736.42698	(90012904) 6873.36529 (90012904)
3606418.1	8217.27717 (90122502) 7697.41306 (90122502) 7289.66447 (90122502)
6943.17632	(90122502) 7060.24352 (90012904)
3606268.1	8540.80770 (90122502) 7958.93967 (90122502) 7529.04322 (90122502)
7171.54163	(90122502) 7092.49465 (90012904)
3606118.1	8880.59181 (90122502) 8236.91850 (90122502) 7787.80061 (90122502)
7534.14596	(90040908) 7432.58554 (90040908)
3605968.1	9239.69899 (90122502) 8533.03005 (90122502) 8069.24616 (90122502)
7933.93020	(90040908) 7825.63106 (90010510)
3605818.1	9620.96345 (90122502) 8849.15014 (90122502) 8521.02060 (90040908)
8366.78223	(90010510) 8244.51109 (90010510)
3605668.1	10025.37213 (90122502) 9249.72880 (90040908) 9005.35643 (90010510)
8872.99960	(90010510) 8609.65917 (90010510)
3605518.1	10449.54972 (90122502) 9807.60474 (90040908) 9621.41785 (90010510)
9339.26985	(90010510) 9116.26568 (90071406)
3605368.1	11039.31248 (91011803) 10568.97374 (90010510) 10229.97395 (90010510)
9911.78394	(90071406) 9613.24518 (90112403)
3605218.1	11845.91946 (90010510) 11393.71752 (90010510) 10919.59774 (90071406)
10517.34830	(90112403) 10150.77509 (90112403)
3605068.1	13040.80263 (90010510) 12270.37240 (90071406) 11665.88176 (90112403)
11114.73059	(92110608) 10652.37770 (92110607)
3604918.1	14231.63703 (90071406) 13189.75320 (90112403) 12344.75421 (92110608)
11712.04368	(92110607) 11035.98212 (92110607)
3604768.1	15389.09619 (90112403) 14006.04549 (92110607) 13061.92273 (92110607)
12156.76487	(90102103) 11651.18888 (92112405)
3604618.1	16504.83221 (92110607) 14896.33277 (92110607) 13621.55629 (90102103)
12796.36607	(91081304) 12560.67591 (91011803)

3604468.1	|	18354.78476 (92092408)	16040.70308 (92092408)	14726.24739 (92092408)
13950.92616	(92092408)	13627.20499 (91011803)		
3604318.1	|	21138.63672 (92092408)	18673.13649 (92092408)	17403.74509 (92092408)
16701.31756	(92092408)	16276.02969 (92092408)		
3604168.1	|	25381.48572 (92092408)	22614.05271 (92092408)	21118.48735 (92092408)
20104.36720	(92092408)	19346.04465 (92092408)		
3604018.1	|	30594.96050 (92092408)	26395.06277 (92092408)	23982.30288 (92092408)
22543.70547	(92092408)	21643.37095 (92092408)		
3603868.1	|	28670.18817 (92092408)	26402.66279 (92092408)	25509.45013 (92092408)
25067.80058	(92092408)	24784.31262 (92092408)		
3603718.1	|	32663.74456 (92092408)	32606.55234 (92092408)	32625.30716 (92092408)
32508.33463	(92092408)	32194.62361 (92092408)		
3603568.1	|	51031.64576 (92092408)	50486.29312 (92092408)	49541.74194 (92092408)
48423.82193	(92092408)	47069.84633 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 139

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
501603.40	501453.40
501153.40	501303.40
501753.40	
3606568.1	7220.60438 (90031406) 7636.26923 (90010409) 7939.26649 (90010409)
8238.42726	(90020605) 8475.60291 (90010911)
3606418.1	7254.97771 (90012904) 7595.32162 (90031406) 8073.34307 (90010409)
8439.71155	(90010409) 8787.31722 (90020605)
3606268.1	7400.84867 (90012904) 7665.92066 (90012904) 8006.21872 (90031406)
8562.03522	(90010409) 9008.51939 (90010409)
3606118.1	7384.50114 (90012904) 7759.39983 (90012904) 8109.27429 (90012904)
8459.63640	(90031406) 9113.28832 (90010409)
3605968.1	7702.26828 (90010510) 7687.59587 (90012904) 8136.90669 (90012904)
8588.05587	(90012904) 8963.25081 (90031406)
3605818.1	7999.48583 (90102210) 7888.88098 (90071406) 8003.58282 (90012904)
8534.29785	(90012904) 9105.03820 (90012904)
3605668.1	8452.71235 (90071406) 8235.38617 (90112403) 8104.64520 (90112403)
8335.33510	(90012904) 8952.71428 (90012904)
3605518.1	8867.71452 (90112403) 8683.92390 (90112403) 8459.70322 (91011803)
8403.41696	(91013010) 8687.71624 (90012904)
3605368.1	9359.08702 (90112403) 9048.47011 (92110607) 8912.78555 (91013010)
8802.66078	(90012509) 8579.48659 (90012509)
3605218.1	9787.18257 (92110607) 9523.42775 (91011803) 9431.86121 (91013010)
9261.64837	(90012509) 8856.76483 (90012509)
3605068.1	10146.46748 (92110607) 10030.81883 (91013010) 9931.37566 (90012509)
9675.63181	(90012509) 9098.46584 (90012509)
3604918.1	10850.09223 (91011803) 10735.94979 (91013010) 10534.65560 (90012509)
10043.26121	(90012509) 9990.67338 (90040908)
3604768.1	11568.60921 (91011803) 11409.50848 (91013010) 11082.85300 (90012509)
10482.42504	(90040908) 11044.19071 (90040908)
3604618.1	12444.93569 (91013010) 12201.72816 (90012509) 11592.51323 (90012509)
11818.03131	(90040908) 11957.13367 (90040908)

3604468.1	|	13401.74481 (91013010)	13131.25185 (92092408)	13093.42588 (92092408)
13111.77380	(92092408)	13160.14062 (92092408)		
3604318.1	|	15989.51703 (92092408)	15781.15073 (92092408)	15625.58789 (92092408)
15511.80216	(92092408)	15427.97633 (92092408)		
3604168.1	|	18765.83391 (92092408)	18320.27728 (92092408)	17977.61385 (92092408)
17713.69530	(92092408)	17509.34709 (92092408)		
3604018.1	|	21047.06800 (92092408)	20628.43776 (92092408)	20317.16693 (92092408)
20072.98176	(92092408)	19874.49352 (92092408)		
3603868.1	|	24544.69578 (92092408)	24313.39347 (92092408)	24083.01511 (92092408)
23851.48534	(92092408)	23613.32198 (92092408)		
3603718.1	|	31731.49526 (92092408)	31228.36148 (92092408)	30737.33834 (92092408)
30196.53037	(92092408)	29582.06063 (92092408)		
3603568.1	|	45526.86991 (92092408)	44111.15459 (92092408)	42328.28890 (92092408)
40687.63834	(92092408)	39432.62569 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 140

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 501903.40

3606568.1 | 8899.02816 (92022604)
3606418.1 | 9096.05310 (90010911)
3606268.1 | 9417.48063 (90020605)
3606118.1 | 9662.12903 (90010409)
3605968.1 | 9741.03084 (90010409)
3605818.1 | 9619.80632 (90012904)
3605668.1 | 9662.51450 (90012904)
3605518.1 | 9394.17031 (90012904)
3605368.1 | 9068.86980 (90012904)
3605218.1 | 8911.74947 (91011102)
3605068.1 | 9510.31894 (90040908)
3604918.1 | 10336.84019 (90040908)
3604768.1 | 11029.80127 (90101009)
3604618.1 | 11881.59735 (90010510)
3604468.1 | 13237.81060 (92092408)
3604318.1 | 15373.01793 (92092408)
3604168.1 | 17353.34528 (92092408)
3604018.1 | 19711.93344 (92092408)
3603868.1 | 23368.05561 (92092408)
3603718.1 | 28971.74393 (92092408)
3603568.1 | 38441.46215 (92092408)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 141

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
502337.15	501887.15	502487.15	502037.15
3603585.1	37042.70383 (92092408)	36331.93554 (92092408)	35822.93947 (92092408)
35198.77649	(92092408) 34587.89629 (92092408)		
3603435.1	65039.26353 (92092408)	59260.52675 (92092408)	54348.18099 (92092408)
52616.29650	(92092408) 51526.52936 (92092408)		
3603285.1	43215.69345 (92092408)	41578.94553 (92092408)	40377.63612 (92092408)
39423.92728	(92092408) 38503.05844 (92092408)		
3603135.1	58120.92793 (90121403)	53483.54321 (92092408)	49945.93340 (92092408)
47233.62830	(92092408) 45772.03990 (92092408)		
3602985.1	92518.22185 (92092408)	85699.20755 (92092408)	71207.40964 (92092408)
64264.94098	(92092408) 60193.36280 (92092408)		
3602835.1	70632.15562 (90031506)	60102.09337 (92013009)	50430.86321 (91110506)
44949.44114	(90110504) 40919.17504 (90091205)		
3602685.1	72161.72862 (90012605)	46631.38304 (90120106)	38615.56213 (90010509)
35240.83296	(92013009) 33019.27599 (92070904)		
3602535.1	83607.81783 (90012605)	39516.14889 (90123106)	32579.21543 (90120106)
29754.54230	(92122602) 28240.03662 (90010509)		
3602385.1	44395.39371 (92122605)	33430.58729 (92012307)	27803.80366 (90010305)
25760.47850	(90122610) 24650.79318 (90120106)		
3602235.1	30531.31524 (92122605)	27521.28705 (92100803)	23461.46128 (92011404)
22556.12149	(90010305) 21477.79428 (90012809)		
3602085.1	23406.36914 (92122605)	22708.79399 (90022005)	20505.77849 (90010407)
19736.17017	(92122606) 19447.09810 (90010305)		
3601935.1	19239.02991 (92122605)	19320.93000 (91021003)	18295.32937 (90102406)
17625.31222	(92011404) 17738.96916 (92012206)		
3601785.1	21341.80956 (91030303)	21003.65445 (91030303)	24088.94178 (91030303)
22671.47093	(91030303) 24776.84415 (92092408)		
3601635.1	16051.90658 (92122605)	18568.94512 (90121007)	18550.27888 (90122610)
19170.76951	(90101006) 19354.95890 (90120106)		

3601485.1	|	13552.13196 (91012203)	14898.84124 (90113001)	14935.07655 (90031508)
14881.62500		(90122610)	15357.44835 (90122610)	
3601335.1	|	12526.23852 (91013011)	12567.47746 (92122107)	13037.98846 (90022005)
12852.80705		(90070507)	13048.83104 (90012903)	
3601185.1	|	11629.11824 (90123106)	11571.65609 (91013011)	11509.99052 (90021008)
11502.07739		(92100803)	11656.98256 (90032105)	
3601035.1	|	10798.87303 (90010305)	10799.17391 (90123106)	10747.79237 (90123106)
10688.94016		(91013011)	10708.42701 (92012303)	
3600885.1	|	10090.61934 (92012206)	10095.16892 (90010305)	10078.29974 (90123106)
10069.24014		(90123106)	10032.13197 (91013011)	
3600735.1	|	9597.69507 (92122606)	9479.55726 (90120307)	9480.31836 (90010305)
9449.22118		(90123106)	9475.44466 (90123106)	
3600585.1	|	9234.24253 (92011404)	9040.97297 (92122606)	8944.09660 (90120307)
8940.45011		(91021906)	9111.53792 (90110405)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 142

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
503087.15	502637.15	502787.15	502937.15

3603585.1	34135.77877 (92092408)	33888.65370 (92092408)	33863.68109 (92092408)
34119.99709	(92092408) 34895.30607 (92092408)		
3603435.1	50693.69060 (92092408)	49436.78001 (92092408)	49159.75446 (92092408)
49023.84553	(92092408) 49280.15744 (92092408)		
3603285.1	37669.63445 (92092408)	37114.56942 (92092408)	36926.97000 (92092408)
37098.70646	(92092408) 37637.37187 (92092408)		
3603135.1	44755.98931 (92092408)	43870.65443 (92092408)	43134.21157 (92092408)
42657.85494	(92092408) 42581.03302 (92092408)		
3602985.1	57541.32294 (92092408)	55742.72508 (92092408)	54548.35133 (92092408)
53910.30094	(92092408) 54092.18143 (92092408)		
3602835.1	38129.48964 (90010410)	36126.44096 (90010410)	34646.81527 (90010410)
33697.48326	(90010410) 33685.00805 (91012307)		
3602685.1	31535.64334 (91110506)	30208.87054 (90110504)	29102.45299 (90110504)
28193.66075	(90110504) 32242.16235 (91031207)		
3602535.1	27041.55109 (90021108)	26040.22664 (92070904)	25338.99643 (92070904)
24866.69731	(91110506) 26181.18719 (92103107)		
3602385.1	23673.72594 (90120404)	23126.91740 (92122602)	22677.49929 (90010509)
22225.34665	(92013009) 24555.45708 (90110206)		
3602235.1	21018.26794 (90101006)	20672.45436 (90120106)	20245.91689 (90120404)
20026.00646	(92122602) 22292.31467 (91121305)		
3602085.1	18835.91222 (92012303)	18569.98298 (90122610)	18313.86122 (90101006)
18194.00468	(90031605) 20199.41504 (90110405)		
3601935.1	17611.80357 (90010305)	17223.76470 (91013011)	17019.70934 (90032105)
16877.59672	(90122610) 19253.67752 (90012504)		
3601785.1	27036.87193 (92092408)	23580.90110 (92092408)	24940.42357 (92092408)
26461.30475	(92092408) 28107.66405 (92092408)		
3601635.1	19249.74999 (90031605)	19106.98597 (90120307)	19139.18301 (90102607)
19264.88363	(90120604) 21166.88954 (92112604)		

3601485.1	|	15485.38158 (90101006)	15512.51496 (90120106)	15689.68489 (92011304)
16428.53450		(90012504)	17966.43285 (90120306)	
3601335.1	|	13408.53743 (90122610)	13484.36870 (90122610)	13946.28217 (90120604)
14963.54902		(90110406)	16022.61400 (90120306)	
3601185.1	|	11871.89052 (90032105)	12173.62565 (90110405)	12896.92036 (92092803)
13860.79165		(90110406)	14476.59916 (90120306)	
3601035.1	|	10871.21068 (90110405)	11516.22084 (90120604)	12083.04911 (90012504)
12877.41967		(92112604)	13368.50502 (90100905)	
3600885.1	|	10382.71477 (90110405)	10897.19817 (90120604)	11331.95359 (90012504)
12032.75825		(92112604)	12414.53903 (90100905)	
3600735.1	|	9902.85872 (90120604)	10306.07282 (92092803)	10797.50918 (90110406)
11287.73633		(90120306)	11565.63399 (90100905)	
3600585.1	|	9496.75772 (90120604)	9783.38431 (90012504)	10270.42354 (90110406)
10603.47331		(90120306)	10846.23566 (90031506)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 143

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
503837.15	503387.15	503537.15	503687.15

3603585.1	37282.80571 (92092408)	62805.95785 (91012203)	49163.39024 (92092408)
42354.35854	(92092408) 39011.74035 (92092408)		
3603435.1	50569.61113 (92092408)	54862.44422 (91012203)	63863.92193 (92092408)
59139.83305	(92092408) 57134.49656 (92092408)		
3603285.1	38686.42323 (92092408)	55069.56392 (92122605)	39653.70309 (92092408)
38737.99279	(92092408) 38171.59819 (92092408)		
3603135.1	43469.35217 (90022003)	50234.39828 (90102106)	40849.77228 (92092408)
39971.66578	(92092408) 39070.06144 (92092408)		
3602985.1	56412.00231 (92092408)	78493.92243 (90102106)	67549.63680 (92092408)
55846.78370	(92092408) 49761.80509 (92092408)		
3602835.1	46248.64405 (90121706)	86788.06004 (90020606)	55148.14386 (90010410)
43958.24648	(90010410) 38307.75593 (91021909)		
3602685.1	49757.69964 (90012807)	84472.35114 (90110403)	51709.35281 (92092408)
41764.76692	(90010410) 37208.46406 (90010410)		
3602535.1	39643.54433 (92011308)	95347.96100 (90110403)	54265.94053 (90120106)
60322.00608	(92070904) 64802.79675 (91110506)		
3602385.1	34502.66571 (90110405)	53193.06125 (91012203)	39905.59312 (92012307)
33587.93304	(92011304) 31030.25655 (90032105)		
3602235.1	29720.06573 (92112604)	37368.72808 (92122605)	31847.05094 (91021003)
25617.08592	(92011404) 23342.05798 (92011304)		
3602085.1	25764.97531 (90120306)	29571.99277 (92122605)	27123.85729 (90121007)
21886.46038	(90022005) 19169.93730 (90010803)		
3601935.1	22967.41271 (90100905)	24964.38580 (92122605)	23386.82539 (90113001)
20313.29327	(90022005) 17518.34117 (90022005)		
3601785.1	24048.36936 (92092408)	23929.97364 (92092408)	20652.72357 (90090803)
18729.06601	(91021003) 16521.36932 (90022005)		
3601635.1	22698.95869 (90031506)	20963.40866 (91012203)	18513.89843 (90020606)
17238.78071	(90121007) 15634.19834 (90022005)		

3601485.1	|	18951.93367 (90031506)	18170.17027 (91012203)	16794.10749 (90020606)
15914.55542	(90121007)	14710.87225 (90022005)		
3601335.1	|	16664.24073 (90012605)	16257.81726 (92122605)	15397.57462 (90020606)
14648.23686	(90121007)	13806.14927 (90021008)		
3601185.1	|	15031.68175 (90012605)	14777.09328 (92122605)	14212.62089 (90020606)
13567.64891	(90113001)	12977.52251 (91021003)		
3601035.1	|	13726.53238 (90012605)	13564.10466 (92122605)	13173.81905 (90020606)
12593.57853	(90113001)	12149.81515 (91021003)		
3600885.1	|	12647.02368 (90012605)	12544.62424 (92122605)	12256.65902 (90020606)
11719.34161	(92122107)	11478.69660 (90121007)		
3600735.1	|	11732.56388 (90012605)	11672.97641 (92122605)	11444.90457 (90020606)
11020.32709	(92122107)	10843.90478 (90121007)		
3600585.1	|	10943.96013 (90012605)	10916.66912 (92122605)	10741.20202 (90110403)
10380.24867	(92122107)	10239.19285 (90121007)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 144

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
504587.15	504137.15	504287.15	504437.15

3603585.1	36975.21067 (92092408)	35579.06971 (92092408)	34605.01372 (92092408)
34108.39976	(92092408) 33518.33961 (92092408)		
3603435.1	55503.13409 (92092408)	53961.69530 (92092408)	51637.90180 (92092408)
49011.20201	(92092408) 47930.80856 (92092408)		
3603285.1	37822.14167 (92092408)	37178.73096 (92092408)	36173.47235 (92092408)
35285.05508	(92092408) 34127.84412 (92092408)		
3603135.1	37681.48667 (92092408)	36018.01879 (92092408)	34277.02454 (92092408)
32535.40329	(92092408) 30728.37413 (92092408)		
3602985.1	45756.16610 (92092408)	42807.97862 (92092408)	47382.28420 (92092408)
45031.98173	(92092408) 39761.19666 (92092408)		
3602835.1	34635.66327 (91021909)	31953.08082 (91021909)	30006.75138 (91021909)
28742.29912	(91021909) 28485.89501 (91021909)		
3602685.1	33950.69911 (90010410)	31489.47499 (92092408)	28715.06799 (90010410)
27033.28712	(90010410) 25838.62248 (91021909)		
3602535.1	58401.67142 (90110504)	51942.54734 (90091205)	37031.70347 (90091205)
31072.39347	(90010410) 27883.33378 (90010410)		
3602385.1	30181.85184 (90120106)	29542.93346 (92122602)	28809.69139 (92013009)
27397.69221	(91110506) 25997.72887 (91110506)		
3602235.1	21991.09178 (91013011)	21537.34773 (90122610)	21354.09959 (90120106)
21137.78296	(92122602) 21116.74481 (92013009)		
3602085.1	18086.79900 (92011304)	17444.84907 (91013011)	17173.80867 (90032105)
17113.24125	(90120106) 17268.70958 (90120404)		
3601935.1	16191.31737 (90031508)	15094.40896 (90101004)	14637.13644 (90123106)
14536.99130	(90032105) 15064.65113 (90021006)		
3601785.1	15067.46217 (90031508)	14039.08620 (90070507)	13254.27370 (90010509)
14703.54103	(92122207) 17382.08255 (92122207)		
3601635.1	14238.92078 (90031508)	13230.56133 (90070507)	13557.41846 (90020607)
15838.73333	(90020607) 19534.78311 (91031608)		

3601485.1	|	13541.92055 (90031508)	12684.21428 (90120404)	13556.51120 (90012806)
15566.89460		(90012806)	18977.66312 (90022203)	
3601335.1	|	12866.70221 (90031508)	12424.89392 (90031605)	12856.83558 (90022203)
14484.15307		(90092306)	16752.91124 (92012907)	
3601185.1	|	12239.82634 (90022005)	11826.80022 (90120106)	12010.57064 (90092306)
13140.48076		(92012907)	13980.26302 (92102504)	
3601035.1	|	11633.07018 (90022005)	11127.69308 (90122610)	10987.85841 (90101006)
11453.40756		(92102504)	12330.00057 (90091203)	
3600885.1	|	11004.28938 (90022005)	10471.52982 (90031508)	10373.47047 (90122610)
10485.93205		(90091203)	10725.57684 (92110709)	
3600735.1	|	10432.64576 (90021008)	9967.09560 (90031508)	9691.35307 (90032105)
9705.04113		(90122610)	9624.60366 (90101006)	
3600585.1	|	9902.33446 (91021003)	9526.86191 (90022005)	9088.64260 (90012809)
9114.53518		(90032105)	9111.42162 (90122610)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 145

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD | X-COORD (METERS)
(METERS) | 504887.15

3603585.1 | 34311.65353 (92092408)
3603435.1 | 46934.95864 (92092408)
3603285.1 | 31517.65474 (92092408)
3603135.1 | 28836.66300 (92092408)
3602985.1 | 32920.24361 (92092408)
3602835.1 | 31128.85128 (91021909)
3602685.1 | 25231.91970 (91021909)
3602535.1 | 26009.74537 (90010410)
3602385.1 | 24746.47855 (90110504)
3602235.1 | 21119.53621 (92070904)
3602085.1 | 17703.80193 (90021108)
3601935.1 | 17417.53316 (90021006)
3601785.1 | 21468.30693 (92122207)
3601635.1 | 26080.67865 (90012806)
3601485.1 | 22986.61533 (90092306)
3601335.1 | 17999.50104 (92102504)
3601185.1 | 14854.87641 (90110206)
3601035.1 | 12441.71413 (92110709)
3600885.1 | 11037.32164 (92011308)
3600735.1 | 9980.71152 (91121305)
3600585.1 | 9072.38666 (90122610)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 146

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
502335.74	501885.74	502035.74	502185.74

3606565.9	8853.70108 (92022604)	9343.78512 (91012204)	9590.15065 (90121806)
10001.72803	(90121806) 9955.49650 (90022003)		
3606415.9	9030.39277 (90010911)	9522.74131 (92022604)	10090.93200 (91012204)
10453.22501	(90121806) 10720.72860 (90121806)		
3606265.9	9375.17214 (90020605)	9741.95709 (90010911)	10301.11097 (92102408)
10937.33793	(91012204) 11419.75623 (90121806)		
3606115.9	9614.20474 (90010409)	10100.48691 (90020605)	10574.94679 (90010911)
11272.17043	(91012204) 11901.63866 (91012204)		
3605965.9	9644.81046 (90010409)	10361.00565 (90010409)	10955.56082 (90020605)
11564.00530	(90010911) 12457.74896 (91012204)		
3605815.9	9569.90944 (90012904)	10344.92507 (90010409)	11241.03479 (90010409)
11981.31341	(90020605) 12757.18038 (90010911)		
3605665.9	9573.91384 (90012904)	10292.90759 (90012904)	11158.01377 (90010409)
12296.24749	(90010409) 13227.93048 (90020605)		
3605515.9	9297.40664 (90012904)	10149.00292 (90012904)	11101.45101 (90012904)
12115.93221	(90010409) 13587.39041 (90010409)		
3605365.9	8986.12086 (90012904)	9751.56370 (90012904)	10765.86406 (90012904)
12006.48260	(90012904) 13254.76210 (90010409)		
3605215.9	8840.16083 (91011102)	9482.46998 (90121706)	10244.36016 (90012904)
11428.25217	(90012904) 12999.24435 (90012904)		
3605065.9	9472.95613 (90040908)	9767.28583 (91012307)	10380.64346 (91011102)
11398.82582	(91011102) 12479.59361 (90121706)		
3604915.9	10334.19588 (90040908)	10281.47167 (90101009)	10988.77463 (90012807)
11899.98768	(90110307) 13097.24648 (91012307)		
3604765.9	11055.38027 (90040908)	11019.25455 (90010510)	11437.12735 (91031207)
12399.87356	(91031207) 13770.83844 (91013103)		
3604615.9	11911.76641 (90010510)	11643.89821 (90102210)	11846.52637 (91011103)
13023.41174	(90020907) 14555.05121 (90020907)		

3604465.9	|	13258.46864 (92092408)	13361.33259 (92092408)	13498.44092 (92092408)
13682.58508	(92092408)	15031.23560 (91030303)		
3604315.9	|	15406.96190 (92092408)	15381.51418 (92092408)	15398.60348 (92092408)
15473.38356	(92092408)	15628.99346 (92092408)		
3604165.9	|	17397.94589 (92092408)	17287.15482 (92092408)	17232.97429 (92092408)
17248.94996	(92092408)	17356.38415 (92092408)		
3604015.9	|	19770.09997 (92092408)	19643.34738 (92092408)	19566.04242 (92092408)
19557.27208	(92092408)	19642.72713 (92092408)		
3603865.9	|	23461.94691 (92092408)	23228.61468 (92092408)	23051.07732 (92092408)
22969.08813	(92092408)	23008.14859 (92092408)		
3603715.9	|	29138.48075 (92092408)	28619.80227 (92092408)	28282.23815 (92092408)
28114.34589	(92092408)	28040.31588 (92092408)		
3603565.9	|	38747.46149 (92092408)	37997.99089 (92092408)	37367.99230 (92092408)
36560.36064	(92092408)	35825.95954 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 147

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
503085.74	502635.74
	502785.74
	502935.74

3606565.9	10696.68123 (90022003)	10833.96433 (90121005)	12118.18309 (90011110)
13824.73437	(92111309)	17157.75980 (90022306)	
3606415.9	11170.87879 (90022003)	11754.76590 (90121005)	12582.37312 (90011110)
15181.05528	(92111309)	19036.97979 (90022306)	
3606265.9	11480.73831 (90121806)	12516.12120 (90022003)	12939.96623 (90022508)
16627.52528	(92111309)	18084.46148 (90022306)	
3606115.9	12505.96976 (90121806)	13120.11515 (90022003)	14248.53740 (90121005)
17842.41290	(90011110)	17064.00049 (92020809)	
3605965.9	13161.92169 (90121806)	13758.97227 (90121806)	15339.54926 (90121005)
18782.46292	(90011110)	18418.78849 (92020809)	
3605815.9	13881.78613 (91012204)	14826.91463 (90121806)	15985.80243 (90022003)
19504.56130	(90121005)	19529.42144 (92020809)	
3605665.9	14241.42560 (92022604)	15611.29822 (91012204)	16911.64304 (90121806)
20627.36858	(90121005)	21924.36636 (92111309)	
3605515.9	14772.02015 (90020605)	16152.42998 (92102408)	17831.35847 (90121806)
20520.01025	(90022003)	25510.80509 (92111309)	
3605365.9	15177.94743 (90010409)	16801.91147 (90020605)	18841.95603 (91012204)
21343.07247	(90121806)	27704.65338 (90121005)	
3605215.9	14798.75139 (90012904)	17257.72408 (90010409)	19595.06337 (90020605)
22555.38382	(91012204)	27564.50875 (90022003)	
3605065.9	14125.84813 (90012904)	16720.94035 (90012904)	20130.06624 (90010409)
23705.05875	(90020605)	28000.17652 (90121806)	
3604915.9	14419.86608 (91011102)	16462.81959 (90121706)	19151.34907 (90012904)
24349.42415	(90010409)	30641.72634 (92022604)	
3604765.9	15429.18141 (90020703)	17776.71852 (90012807)	20826.47444 (90110307)
25059.71994	(91011102)	32061.73965 (90121805)	
3604615.9	16550.69014 (90020907)	19257.60102 (90020907)	23161.90805 (90020907)
29316.28112	(90020907)	40380.17356 (90020907)	

3604465.9	|	17009.31361 (91030303)	19662.14450 (90021006)	23835.80604 (90021006)
30384.91404	(92100506)	41751.79429 (92122207)		
3604315.9	|	17193.79852 (92122207)	19808.93397 (92122207)	23481.38361 (90020607)
28786.53724	(91031608)	37976.71625 (90022203)		
3604165.9	|	17590.08520 (92092408)	19191.53239 (91031608)	22243.67717 (90012806)
26997.46787	(90022203)	35135.85226 (92103107)		
3604015.9	|	19856.30168 (92092408)	20246.41193 (92092408)	21328.23835 (90092306)
25590.37754	(92103107)	32544.54035 (92110709)		
3603865.9	|	23180.27119 (92092408)	23502.02071 (92092408)	24022.33010 (92092408)
24857.86738	(92092408)	29627.92806 (91121305)		
3603715.9	|	28031.18257 (92092408)	28123.56038 (92092408)	28385.35596 (92092408)
28927.57021	(92092408)	30019.67758 (92092408)		
3603565.9	|	35301.94724 (92092408)	35006.10044 (92092408)	34936.96500 (92092408)
35144.06129	(92092408)	35857.78798 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 148

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
503835.74	503385.74	503535.74	503685.74

3606565.9	12635.85149 (90022306)	11635.29144 (90121403)	11881.51093 (90102106)
11535.29547	(90122502) 11134.87513 (92122401)		
3606415.9	13087.40984 (90022306)	12440.08345 (90121403)	12760.83893 (90102106)
12426.97205	(90122502) 11919.36655 (92122401)		
3606265.9	13967.41655 (90022306)	13396.69814 (90121403)	13779.34768 (90102106)
13418.35209	(90122502) 12759.36216 (91011312)		
3606115.9	15122.65387 (90022306)	14548.51829 (90121403)	14974.41357 (90102106)
14517.39735	(90122502) 13682.50180 (91011312)		
3605965.9	16556.68376 (90022306)	15949.80809 (90121403)	16383.87974 (90102106)
15714.10644	(90122502) 14555.88307 (90122810)		
3605815.9	18271.34948 (90022306)	17654.31130 (90121403)	18061.78223 (90102106)
17228.94939	(92122401) 16109.16752 (92112405)		
3605665.9	20333.77775 (90022306)	19791.16159 (90121403)	20110.56504 (90102106)
19164.20506	(92122401) 17772.81571 (92112405)		
3605515.9	22835.98605 (90022306)	22551.44423 (90121403)	22870.98645 (91102808)
21411.98535	(91011312) 19679.65748 (91011803)		
3605365.9	26315.19445 (92020809)	26247.78972 (90121403)	26744.45625 (90122502)
24200.96376	(92112405) 21885.48145 (91013010)		
3605215.9	31012.46809 (92020809)	31441.42483 (90121403)	32057.15523 (90122502)
28442.19779	(92112405) 23987.59511 (90012509)		
3605065.9	36480.44638 (92111309)	39319.20415 (90121403)	39190.99293 (90122502)
33972.00332	(91013010) 28732.68144 (90040908)		
3604915.9	37526.09944 (90121005)	52841.34029 (90121403)	51000.75941 (91011312)
39932.98917	(90012509) 36190.33774 (90112403)		
3604765.9	46212.26742 (91012204)	74688.10411 (90121403)	73420.03923 (91011803)
58660.49686	(90112403) 44417.96660 (91012511)		
3604615.9	66058.64043 (91031207)	104580.51212 (90012710)	142352.41215 (92092408)
120194.37462	(92092408) 78616.29124 (92092408)		

3604465.9	|	66651.96023 (90012806)	124638.68341 (90012710)	74149.58586 (92092408)
52294.48259	(92092408)	47162.63769 (92092408)		
3604315.9	|	58128.95162 (90091203)	99857.39374 (90012605)	66936.12608 (92092408)
45863.54433	(92092408)	36905.63328 (92092408)		
3604165.9	|	54160.07445 (92011308)	114759.45155 (92122605)	42167.27911 (92092408)
33389.62409	(92092408)	29305.14605 (92092408)		
3604015.9	|	47295.71555 (90010603)	76113.70145 (92122605)	39851.17855 (92012307)
32636.90402	(92092408)	29194.64001 (92092408)		
3603865.9	|	39434.46774 (90110405)	69055.73347 (92122605)	41542.14745 (92092408)
34637.42373	(92092408)	31292.53860 (92092408)		
3603715.9	|	34133.37089 (92092803)	56980.60522 (92122605)	44719.14171 (92092408)
37817.72543	(92092408)	34450.62575 (92092408)		
3603565.9	|	38151.70560 (92092408)	57213.37915 (92122605)	50225.25255 (92092408)
43365.85530	(92092408)	40056.26804 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 149

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
504585.74	504435.74
504135.74	504285.74
504735.74	

3606565.9	10506.19605 (91011312)	10320.59657 (92112405)	9861.88071 (91011803)
9343.46196	(91013010)	8707.26056 (90012509)	
3606415.9	11227.21512 (90122810)	10812.87566 (91011803)	10304.09922 (91013010)
9687.82104	(90012509)	8773.21147 (90012509)	
3606265.9	12142.05605 (92112405)	11584.91779 (91011803)	10860.63702 (91013010)
9948.98302	(90012509)	9305.12735 (90040908)	
3606115.9	13049.22024 (92112405)	12158.20544 (91011803)	11325.81195 (90012509)
9963.39753	(90012509)	10234.86401 (90040908)	
3605965.9	13971.59324 (91011803)	13004.59351 (91013010)	11607.73394 (90012509)
11210.57266	(90040908)	11190.07512 (90010510)	
3605815.9	15041.60803 (91011803)	13650.01837 (90012509)	12249.77122 (90040908)
12406.36776	(90010510)	12348.23704 (90102210)	
3605665.9	16248.81702 (91013010)	13933.74369 (90012509)	13878.40826 (90040908)
13782.92001	(90102210)	13484.29916 (90112403)	
3605515.9	17306.92747 (90012509)	15949.46132 (90040908)	15585.00084 (90102210)
15258.02850	(90112403)	14847.38691 (92110608)	
3605365.9	18406.74705 (90040908)	18180.64404 (90010510)	17640.13402 (90112403)
16894.29496	(92110608)	15690.63725 (92110607)	
3605215.9	22216.07584 (90010510)	21077.37810 (90071406)	19795.96472 (92110607)
18280.73909	(91081304)	17294.22753 (90071308)	
3605065.9	26480.83903 (90112403)	23945.87073 (92110607)	21733.39547 (91081304)
20498.93054	(91012511)	19229.68125 (91021410)	
3604915.9	30524.45649 (91081304)	27278.03205 (91012511)	24750.83285 (91021410)
22483.54155	(90120610)	21034.18000 (92092408)	
3604765.9	36138.94750 (91021410)	35395.26772 (92092408)	34095.65132 (92092408)
32603.94983	(92092408)	31138.46169 (92092408)	
3604615.9	65562.70084 (92092408)	58857.60843 (92092408)	55883.28619 (92092408)
52445.21350	(92092408)	48154.44624 (92092408)	

3604465.9	|	39550.15875 (92092408)	34679.59889 (92092408)	31302.34685 (92092408)
28820.24315	(92092408)	26903.93217 (92092408)		
3604315.9	|	34611.79655 (92092408)	30425.74348 (92092408)	26923.39539 (92092408)
24637.10615	(92092408)	22949.27816 (92092408)		
3604165.9	|	27382.48042 (92092408)	25789.53335 (92092408)	27475.75453 (92092408)
24694.88425	(92092408)	22944.41099 (92092408)		
3604015.9	|	27238.67048 (92092408)	26238.54536 (92092408)	25218.10836 (92092408)
27678.12919	(92092408)	24791.05898 (92092408)		
3603865.9	|	29233.86586 (92092408)	27858.61105 (92092408)	27101.00413 (92092408)
26236.29904	(92092408)	28015.95778 (92092408)		
3603715.9	|	32288.94412 (92092408)	30751.24933 (92092408)	29701.51767 (92092408)
29384.23138	(92092408)	28402.22766 (92092408)		
3603565.9	|	38088.60514 (92092408)	36733.33645 (92092408)	35766.69437 (92092408)
35223.17599	(92092408)	34465.85094 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 150

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 504885.74

3606565.9 | 7945.65419 (90040908)
3606415.9 | 8728.99230 (90040908)
3606265.9 | 9448.28458 (90010510)
3606115.9 | 10162.55082 (90010510)
3605965.9 | 11189.43770 (90102210)
3605815.9 | 12102.25685 (90112403)
3605665.9 | 13242.73943 (92110608)
3605515.9 | 14090.67432 (92110607)
3605365.9 | 15190.21956 (91081304)
3605215.9 | 16729.64577 (91012511)
3605065.9 | 18020.24315 (91021410)
3604915.9 | 21162.35666 (92092408)
3604765.9 | 29717.86267 (92092408)
3604615.9 | 46032.41648 (92092408)
3604465.9 | 25303.03465 (92092408)
3604315.9 | 21573.33841 (92092408)
3604165.9 | 21622.57294 (92092408)
3604015.9 | 23107.26912 (92092408)
3603865.9 | 25473.15439 (92092408)
3603715.9 | 29111.23737 (92092408)
3603565.9 | 35367.45247 (92092408)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 151

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
505313.59	504863.59	505013.59	505163.59

3603584.0	34975.72886 (92092408)	32108.41222 (92092408)	30243.12898 (92092408)
28364.21153	(92092408) 26442.36635 (92092408)		
3603434.0	48381.45982 (92092408)	39986.60138 (92092408)	33403.00839 (92092408)
29075.03964	(92092408) 26020.36215 (92092408)		
3603284.0	31283.54606 (92092408)	32296.10348 (92092408)	28794.07263 (92092408)
25580.96657	(92092408) 23289.36740 (92092408)		
3603134.0	29136.80552 (92092408)	27910.04375 (92092408)	29272.28606 (92092408)
24705.14413	(92092408) 22071.70007 (92092408)		
3602984.0	33877.22194 (92092408)	29256.91150 (92092408)	25747.95864 (92092408)
24685.63299	(92092408) 21798.86359 (90101005)		
3602834.0	29074.37399 (91021909)	35715.31194 (91021909)	29316.81025 (91021909)
27460.70624	(91021909) 24343.42322 (91021909)		
3602684.0	25260.90465 (91021909)	32193.40806 (90012904)	35904.71476 (90121806)
29573.26961	(91021909) 25906.82168 (91021909)		
3602534.0	26233.65341 (90010410)	25298.08573 (90010410)	43528.91622 (90012310)
39753.86594	(90010410) 29765.29255 (90010410)		
3602384.0	24889.47727 (90110504)	24030.33110 (90110504)	27187.45244 (90121706)
41816.53066	(90010409) 38148.59849 (90100408)		
3602234.0	21091.22267 (92070904)	21024.00266 (92070904)	23217.95995 (90020703)
32782.70223	(90012807) 45738.56422 (91012204)		
3602084.0	17581.92618 (90021108)	18836.55549 (91011103)	23184.79402 (91011103)
30570.59596	(91030303) 45830.50568 (91030303)		
3601934.0	17005.09088 (90021006)	20424.01329 (92100506)	26228.39275 (92122207)
36592.99989	(90020607) 65545.06363 (91031608)		
3601784.0	20723.87157 (92122207)	27517.80119 (92122207)	44607.39384 (90020607)
70955.60085	(90022203) 49044.64711 (92092408)		
3601634.0	24776.57795 (90012806)	36108.39246 (90022203)	43606.88436 (92103107)
33754.55872	(92110709) 27895.22606 (91121305)		

3601484.0	|	22360.07437 (90092306)	25388.07835 (92103107)	24343.12030 (92110709)
22024.36076	(91121305)	20749.09751 (91121207)		
3601334.0	|	17880.71456 (92103107)	18656.15213 (90110206)	18014.37751 (92011308)
17082.79630	(90010603)	17314.13549 (90110405)		
3601184.0	|	14887.35738 (90091203)	14834.21291 (92011308)	14720.12381 (91121305)
14355.53242	(91121207)	15127.00361 (90120604)		
3601034.0	|	12477.75120 (92110709)	12772.71013 (91121305)	12594.43546 (90010603)
12712.10432	(90110405)	13319.17595 (90110406)		
3600884.0	|	11001.60038 (92011308)	11121.23421 (91121305)	11114.75286 (91121207)
11414.75592	(90120604)	11962.91334 (90110406)		
3600734.0	|	9952.51892 (91121305)	9963.91472 (90010603)	10152.94995 (90110405)
10252.51969	(90012504)	10735.16309 (90120306)		
3600584.0	|	9085.32592 (90122610)	9022.95930 (91121207)	9271.76890 (90120604)
9436.81809	(90110406)	9706.67169 (90100905)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 152

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
506063.59	505613.59
	506213.59
	505763.59
	505913.59

3603584.0	24621.70379 (92092408)	22963.73936 (92092408)	21471.27697 (92092408)
20125.22526	(92092408) 18902.05301 (92092408)		
3603434.0	23695.54460 (92092408)	21813.21910 (92092408)	20215.49606 (92092408)
18813.32842	(92092408) 17554.94553 (92092408)		
3603284.0	21423.85500 (92092408)	19809.24432 (92092408)	18366.01421 (92092408)
17053.78670	(92092408) 15851.92857 (92092408)		
3603134.0	20045.03393 (92092408)	18557.76475 (90101005)	17694.19273 (90101005)
16896.13623	(90101005) 16154.75808 (90101005)		
3602984.0	20316.33082 (91022509)	19171.41331 (91022509)	18183.70571 (91022509)
17298.02051	(91022509) 16489.03092 (91022509)		
3602834.0	22263.87471 (91021909)	20676.61023 (91021909)	19373.93457 (91021909)
18253.20960	(91021909) 17263.15920 (91021909)		
3602684.0	23667.19900 (91021909)	21980.31445 (91021909)	20566.00935 (91021909)
19315.06547	(91021909) 18196.87654 (90010510)		
3602534.0	25940.98232 (90010410)	23594.89509 (90010410)	22466.36778 (91011803)
23502.71518	(90040908) 23128.52380 (90112403)		
3602384.0	29964.34351 (90091205)	27673.81554 (90122502)	31324.67487 (90012509)
34902.61039	(90071406) 30915.47051 (91081304)		
3602234.0	38521.95158 (90022306)	42281.37735 (90122502)	66248.07516 (90071406)
65378.78914	(91012511) 46667.14079 (92092408)		
3602084.0	55371.86863 (90011110)	76703.01026 (90011809)	85280.98971 (92092408)
55389.98042	(91110506) 42534.36935 (90110504)		
3601934.0	80816.55131 (92092408)	62505.55560 (92092408)	42036.41791 (90010509)
35900.03815	(92013009) 32200.54372 (92070904)		
3601784.0	39821.00676 (90010603)	51599.74770 (92122606)	35481.78491 (90123106)
28039.37654	(90032105) 25937.36568 (90021108)		
3601634.0	29374.94569 (90120604)	44069.38358 (92011305)	32231.56782 (92012206)
26045.33635	(90102607) 22182.84671 (91013011)		

3601484.0	|	25162.58855 (90120604)	38181.48579 (92012307)	28423.99404 (92122606)
24148.92029	(90120307)	21004.72670 (90102607)		
3601334.0	|	21733.46587 (90110406)	30703.77306 (90031508)	24915.39987 (92011404)
21943.27985	(90010908)	19789.40432 (92011304)		
3601184.0	|	17890.33470 (90120306)	20770.72002 (91021003)	21214.24154 (92011305)
19885.57994	(90030707)	18402.91548 (92012206)		
3601034.0	|	14874.34831 (90031506)	16282.61240 (90121007)	17351.99934 (92012307)
17576.46953	(92011404)	16933.76371 (92122606)		
3600884.0	|	12745.35264 (90012605)	13655.09501 (90121007)	14513.53933 (90101004)
15239.94896	(91013007)	15257.05305 (90010803)		
3600734.0	|	11255.29879 (92122605)	11878.67311 (90121007)	12526.80907 (92100803)
13288.10935	(92012205)	13725.39935 (92011404)		
3600584.0	|	10105.68266 (92122605)	10574.02169 (90121007)	11070.41397 (90031508)
11698.45051	(92012307)	12271.48219 (91013007)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 153

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
506813.59	506363.59	506513.59	506663.59

3603584.0	17780.66913 (92092408)	16744.04532 (92092408)	15781.61979 (92092408)
14884.90136	(92092408) 14048.22179 (92092408)		
3603434.0	16409.62622 (92092408)	15358.60809 (92092408)	14390.55703 (92092408)
13497.42935	(92092408) 12674.33454 (92092408)		
3603284.0	15083.02310 (92010408)	14455.35953 (92010408)	13877.89894 (92010408)
13344.95000	(92010408) 12851.25227 (92010408)		
3603134.0	15465.08994 (90101005)	14824.32041 (90101005)	14227.80177 (90101005)
13673.18699	(90101005) 13157.60515 (90101005)		
3602984.0	15745.06138 (91022509)	15059.59592 (91022509)	14425.64648 (91022509)
13839.33986	(91022509) 13296.57128 (91022509)		
3602834.0	16378.04096 (91021909)	15581.77026 (91021909)	14859.82390 (91021909)
14202.52791	(91022509) 13638.54541 (91022509)		
3602684.0	17206.04718 (91021909)	16332.10375 (91021909)	15556.32550 (91021909)
14860.52679	(91021909) 14231.85602 (91021909)		
3602534.0	19969.25418 (90022509)	17130.79162 (90071308)	15546.93844 (91021909)
14876.68017	(91021909) 14288.33514 (91021909)		
3602384.0	24095.24595 (91012511)	18974.34749 (92092408)	18761.12301 (92092408)
17763.30174	(92092408) 16464.75788 (92092408)		
3602234.0	35933.79429 (92092408)	28518.56457 (92092408)	23382.78570 (92092408)
19642.84478	(92092408) 16800.93235 (92092408)		
3602084.0	32482.24355 (90110504)	26752.76224 (90100408)	23198.34569 (90091205)
20785.93303	(90091205) 19008.82711 (90091205)		
3601934.0	29657.51593 (92070904)	27014.18095 (91110506)	24628.42091 (91110506)
22400.58568	(90110504) 20609.14289 (90110504)		
3601784.0	24545.95477 (92013009)	23362.18704 (92013009)	22276.45987 (92070904)
21077.73362	(92070904) 19718.73289 (92070904)		
3601634.0	21020.22273 (90021108)	20253.00316 (90021108)	19630.08260 (92013009)
19008.08344	(92013009) 18261.41107 (92070904)		

3601484.0	|	18667.27778 (91013011)	17832.69695 (90010509)	17386.30464 (90010509)
17017.16300		(90010509)	16651.52297 (90021108)	
3601334.0	|	17797.18542 (90102607)	16194.30698 (91013011)	15376.93074 (92122602)
15148.22082		(92122602)	14973.99261 (90010509)	
3601184.0	|	16942.34057 (91021906)	15558.88736 (90123106)	14357.86904 (91013011)
13486.25982		(90120404)	13397.43759 (92122602)	
3601034.0	|	15906.20532 (92012206)	14922.91898 (91021906)	13887.44815 (90123106)
12932.97435		(91013011)	12164.86189 (90032105)	
3600884.0	|	14831.00884 (90010908)	14128.61472 (90120307)	13352.85885 (90010305)
12548.68063		(90123106)	11763.67535 (91013011)	
3600734.0	|	13667.18420 (90030707)	13276.70465 (92012206)	12710.17287 (90120307)
12095.70179		(90010305)	11441.74393 (90123106)	
3600584.0	|	12448.05202 (90010803)	12374.12409 (92122606)	12036.63637 (92012206)
11564.40956		(92011304)	11044.15491 (90010305)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 154

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
507563.59	507113.59	507263.59	507413.59

3603584.0	13266.90380 (92092408)	12537.21625 (92092408)	11855.99365 (92092408)
11220.46158	(92092408) 10628.21450 (92092408)		
3603434.0	11920.09128 (92010408)	11534.02989 (92010408)	11173.52325 (92010408)
10835.66098	(92010408) 10517.99832 (92010408)		
3603284.0	12392.38500 (92010408)	11964.54694 (92010408)	11564.45037 (92010408)
11192.14120	(90101005) 10845.91109 (90101005)		
3603134.0	12677.45331 (90101005)	12229.51649 (90101005)	11810.79077 (90101005)
11418.55886	(90101005) 11050.44948 (90101005)		
3602984.0	12792.74045 (91022509)	12323.80051 (91022509)	11886.38749 (91022509)
11477.45626	(91022509) 11094.38478 (91022509)		
3602834.0	13120.59860 (91022509)	12642.38354 (91022509)	12199.14989 (91022509)
11787.02905	(91022509) 11402.69935 (91022509)		
3602684.0	13659.75695 (91021909)	13135.57270 (91021909)	12652.18285 (91021909)
12203.95909	(91021909) 11786.22704 (91021909)		
3602534.0	13763.26839 (91021909)	13287.19266 (91021909)	12849.14137 (91021909)
12441.35220	(91021909) 12058.81234 (91021909)		
3602384.0	15108.41613 (92092408)	13799.31188 (92092408)	13131.86484 (90010410)
12613.15890	(90010410) 12146.41525 (91021909)		
3602234.0	15702.57262 (90010410)	14973.88355 (90010410)	14316.64159 (90010410)
13715.33288	(90010410) 13162.38595 (90010410)		
3602084.0	17627.22166 (90091205)	16505.06984 (90091205)	15558.41955 (90091205)
14756.47592	(90010410) 14084.15695 (90010410)		
3601934.0	19058.74656 (90110504)	17719.64845 (90110504)	16566.74349 (90100408)
15633.63973	(90100408) 14806.82719 (90100408)		
3601784.0	18798.22281 (91110506)	17844.19541 (91110506)	16898.21226 (91110506)
15989.95063	(91110506) 15230.01304 (90110504)		
3601634.0	17676.50638 (92070904)	16968.38432 (92070904)	16172.83576 (92070904)
15338.35466	(91110506) 14846.16605 (91110506)		

3601484.0	|	16245.61450 (92013009)	15757.76282 (92013009)	15176.09850 (92070904)
14795.39360	(92070904)	14340.33977 (92070904)		
3601334.0	|	14781.26148 (90010509)	14518.08584 (90010509)	14220.87393 (90021108)
13895.21056	(92013009)	13503.39404 (92013009)		
3601184.0	|	13322.88011 (92122602)	13182.81387 (92122602)	13060.00092 (90010509)
12898.49162	(90010509)	12670.34514 (90021108)		
3601034.0	|	12011.11453 (90120106)	11946.58524 (90120404)	11909.76348 (92122602)
11824.87371	(92122602)	11693.06987 (90010509)		
3600884.0	|	11132.80668 (90032105)	10922.17919 (90120106)	10853.00823 (90031605)
10805.79892	(90120404)	10790.62268 (92122602)		
3600734.0	|	10792.18800 (91013011)	10256.37956 (90032105)	10019.33388 (90122610)
9974.89691	(90120106)	9919.24806 (90120404)		
3600584.0	|	10512.32295 (90123106)	9970.10703 (91013011)	9497.11756 (90032105)
9298.01711	(90122610)	9185.45087 (90120106)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 155

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 507863.59

3603584.0 | 10077.25466 (92092408)
3603434.0 | 10218.46631 (92010408)
3603284.0 | 10520.31173 (90101005)
3603134.0 | 10704.41085 (90101005)
3602984.0 | 10734.89888 (91022509)
3602834.0 | 11043.29419 (91022509)
3602684.0 | 11395.13219 (91021909)
3602534.0 | 11697.74209 (91021909)
3602384.0 | 11805.60230 (91021909)
3602234.0 | 12650.20296 (90010410)
3602084.0 | 13485.82880 (90010410)
3601934.0 | 14066.69681 (90100408)
3601784.0 | 14529.02553 (90110504)
3601634.0 | 14330.05642 (91110506)
3601484.0 | 13828.19640 (92070904)
3601334.0 | 13033.00343 (92013009)
3601184.0 | 12415.74916 (90021108)
3601034.0 | 11603.28265 (90010509)
3600884.0 | 10735.24872 (92122602)
3600734.0 | 9869.88337 (90120404)
3600584.0 | 9172.73029 (90120106)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 156

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	504863.98		505013.98		X-COORD (METERS)
	505463.98				505163.98
3606564.5	7943.91658	(90012509)	8171.98328	(90040908)	8239.00378 (90010510)
8188.08547	(90102210)	8268.01281	(90071406)		
3606414.5	8706.59998	(90040908)	8805.77912	(90010510)	8696.25546 (90102210)
8829.75451	(90071406)	8685.90562	(90112403)		
3606264.5	9420.32770	(90010510)	9359.37047	(90010510)	9478.53012 (90071406)
9318.90184	(90112403)	9359.85885	(90112403)		
3606114.5	10221.09804	(90010510)	10264.62742	(90102210)	10065.43687 (90112403)
10091.00597	(90112403)	9881.03658	(92110607)		
3605964.5	11208.88200	(90102210)	10991.25581	(90071406)	10958.21893 (90112403)
10708.51115	(92110607)	10314.55411	(90102103)		
3605814.5	12130.52058	(90071406)	12005.89239	(92110608)	11684.59530 (92110607)
11139.07263	(90102103)	10923.80390	(91081304)		
3605664.5	13318.07367	(92110608)	12848.18197	(92110607)	12114.13187 (91081304)
11949.38225	(91081304)	11569.00406	(90071308)		
3605514.5	14248.86688	(92110607)	13578.51140	(91081304)	13112.64860 (90071308)
12757.06162	(90020502)	12514.06391	(91012511)		
3605364.5	15312.43171	(91081304)	14628.33440	(90020502)	14307.03270 (91012511)
13756.06572	(91021410)	13330.80237	(91021410)		
3605214.5	16829.45937	(91012511)	16030.57873	(91012511)	15355.83022 (91021410)
14595.02007	(90120610)	14065.83572	(90120610)		
3605064.5	18219.48136	(91021410)	17202.49842	(90120610)	16275.58360 (90120610)
15332.11103	(90120610)	15310.52087	(92092408)		
3604914.5	21245.61383	(92092408)	21112.78802	(92092408)	20771.89112 (92092408)
20334.34164	(92092408)	19885.95305	(92092408)		
3604764.5	30015.50304	(92092408)	28566.98675	(92092408)	27046.26361 (92092408)
25686.93418	(92092408)	24299.08049	(92092408)		
3604614.5	45823.74083	(92092408)	43763.21232	(92092408)	39755.86016 (92092408)
30161.11626	(92092408)	24616.40780	(92092408)		

3604464.5	|	25435.30492 (92092408)	23829.05317 (92092408)	21567.65212 (92092408)
19794.81798	(92092408)	18567.79699 (92092408)		
3604314.5	|	21750.53066 (92092408)	20498.77107 (92092408)	19302.18836 (92092408)
18258.56825	(92092408)	17436.35002 (92092408)		
3604164.5	|	21806.77381 (92092408)	20682.15418 (92092408)	19702.12076 (92092408)
18847.59484	(92092408)	18123.74463 (92092408)		
3604014.5	|	23335.29915 (92092408)	22053.28763 (92092408)	21032.92532 (92092408)
20186.13586	(92092408)	19478.59943 (92092408)		
3603864.5	|	25775.87978 (92092408)	24198.63359 (92092408)	23081.89843 (92092408)
22207.48840	(92092408)	21487.54986 (92092408)		
3603714.5	|	29535.75675 (92092408)	27510.85584 (92092408)	26218.58769 (92092408)
25200.78615	(92092408)	24244.72843 (92092408)		
3603564.5	|	36051.61371 (92092408)	33000.40295 (92092408)	30915.41099 (92092408)
28750.21129	(92092408)	26614.50854 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 157

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
506063.98	505613.98	505763.98	505913.98

3606564.5	8141.50908 (90112403)	8193.66589 (90112403)	8053.07175 (92110608)
7993.19928	(92110607) 7779.93158 (90102103)		
3606414.5	8734.69760 (90112403)	8559.73384 (92110607)	8475.95284 (92110607)
8215.33496	(90102103) 8026.13874 (91081304)		
3606264.5	9172.42925 (92110607)	9015.81576 (92110607)	8692.07139 (90102103)
8593.89500	(91081304) 8520.64413 (91081304)		
3606114.5	9621.81759 (92110607)	9217.70174 (91081304)	9221.27975 (91081304)
9055.37712	(91081304) 8857.40860 (90071308)		
3605964.5	10015.61348 (91081304)	9909.79106 (91081304)	9657.26045 (90071308)
9522.66208	(90020502) 9362.70576 (91012511)		
3605814.5	10656.89877 (91081304)	10423.07928 (90020502)	10240.87766 (90020502)
10108.47678	(91012511) 9857.64618 (91012511)		
3605664.5	11344.21664 (90020502)	11166.24200 (91012511)	10853.06339 (91012511)
10651.59221	(91021410) 10353.96271 (91021410)		
3605514.5	12107.08566 (91012511)	11824.68167 (91021410)	11423.82806 (91021410)
11094.95701	(90120610) 10831.80258 (90120610)		
3605364.5	12758.90683 (91021410)	12402.91432 (90120610)	12013.38483 (90120610)
11563.84835	(90120610) 11067.29250 (90120610)		
3605214.5	13467.41843 (90120610)	12850.85562 (90120610)	12432.05084 (90010810)
12174.10668	(92092408) 12275.25601 (92092408)		
3605064.5	15373.81121 (92092408)	15368.69810 (92092408)	15291.98735 (92092408)
15134.96957	(92092408) 14898.69685 (92092408)		
3604914.5	19420.18390 (92092408)	18865.23544 (92092408)	18199.81880 (92092408)
17463.53614	(92092408) 16707.48775 (92092408)		
3604764.5	22603.78436 (92092408)	20890.14245 (92092408)	19350.82024 (92092408)
18029.16042	(92092408) 16909.04467 (92092408)		
3604614.5	21444.27276 (92092408)	19361.67684 (92092408)	17863.73234 (92092408)
16719.64135	(92092408) 15808.77231 (92092408)		

3604464.5	|	17558.94229 (92092408)	16720.28340 (92092408)	16013.64305 (92092408)
15409.05042	(92092408)	14884.60689 (92092408)		
3604314.5	|	16777.44482 (92092408)	16226.28525 (92092408)	15749.52244 (92092408)
15327.90689	(92092408)	14949.07637 (92092408)		
3604164.5	|	17513.08167 (92092408)	16992.25093 (92092408)	16540.73864 (92092408)
16141.19529	(92092408)	15778.21008 (92092408)		
3604014.5	|	18880.71249 (92092408)	18364.43047 (92092408)	17902.26656 (92092408)
17470.18689	(92092408)	17050.21132 (92092408)		
3603864.5	|	20854.60606 (92092408)	20254.44925 (92092408)	19653.69442 (92092408)
19039.52106	(92092408)	18411.34971 (92092408)		
3603714.5	|	23254.27558 (92092408)	22227.06062 (92092408)	21191.67125 (92092408)
20174.86394	(92092408)	19192.36692 (92092408)		
3603564.5	|	24662.22927 (92092408)	22927.22568 (92092408)	21389.19437 (92092408)
20014.91312	(92092408)	18773.12436 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 158

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)		X-COORD (METERS)
506813.98	506363.98	506513.98
	506963.98	506663.98

3606564.5	7514.23296 (91081304)	7555.25440 (91081304)	7500.03049 (91081304)
7360.14769	(91081304) 7244.57192 (90071308)		
3606414.5	8019.93307 (91081304)	7905.38901 (91081304)	7749.33565 (90071308)
7671.93362	(90020502) 7586.40503 (90020502)		
3606264.5	8329.26476 (91081304)	8216.41712 (90020502)	8135.51136 (90020502)
8023.93775	(91012511) 7926.71238 (91012511)		
3606114.5	8772.51137 (90020502)	8639.08524 (91012511)	8535.07495 (91012511)
8355.58461	(91012511) 8251.21785 (91021410)		
3605964.5	9250.24409 (91012511)	9041.45761 (91012511)	8917.01249 (91021410)
8728.78939	(91021410) 8489.20604 (91021410)		
3605814.5	9703.71234 (91021410)	9471.22578 (91021410)	9180.41354 (91021410)
9025.27547	(90120610) 8836.44975 (90120610)		
3605664.5	10033.21710 (90120610)	9850.94373 (90120610)	9600.13120 (90120610)
9298.20168	(90120610) 8963.07933 (90120610)		
3605514.5	10497.55921 (90120610)	10109.93108 (90120610)	9718.76049 (90010810)
9526.32224	(90010810) 9287.68110 (90010810)		
3605364.5	10786.54529 (90010810)	10487.68000 (90010810)	10139.89391 (90010810)
10219.56262	(92092408) 10262.24717 (92092408)		
3605214.5	12314.64621 (92092408)	12293.57931 (92092408)	12217.15214 (92092408)
12093.61234	(92092408) 11932.37664 (92092408)		
3605064.5	14595.93415 (92092408)	14245.20694 (92092408)	13865.02378 (92092408)
13471.72286	(92092408) 13077.78545 (92092408)		
3604914.5	15969.67749 (92092408)	15272.01903 (92092408)	14624.44864 (92092408)
14030.33067	(92092408) 13489.12700 (92092408)		
3604764.5	15959.24728 (92092408)	15148.89411 (92092408)	14451.62199 (92092408)
13846.58233	(92092408) 13317.85213 (92092408)		
3604614.5	15061.28587 (92092408)	14433.44113 (92092408)	13896.13834 (92092408)
13429.19382	(92092408) 13018.47476 (92092408)		

3604464.5	|	14424.40384 (92092408)	14016.10806 (92092408)	13649.88936 (92092408)
13317.74098	(92092408)	13013.23982 (92092408)		
3604314.5	|	14604.46361 (92092408)	14287.01433 (92092408)	13990.27264 (92092408)
13708.73159	(92092408)	13437.90742 (92092408)		
3604164.5	|	15438.65310 (92092408)	15113.51176 (92092408)	14795.54486 (92092408)
14479.85428	(92092408)	14163.39200 (92092408)		
3604014.5	|	16629.92825 (92092408)	16204.75057 (92092408)	15773.33503 (92092408)
15336.04532	(92092408)	14894.13635 (92092408)		
3603864.5	|	17773.18300 (92092408)	17131.58730 (92092408)	16493.10072 (92092408)
15862.17639	(92092408)	15241.85895 (92092408)		
3603714.5	|	18250.37222 (92092408)	17350.70921 (92092408)	16494.01159 (92092408)
15678.91536	(92092408)	14903.67393 (92092408)		
3603564.5	|	17638.81294 (92092408)	16592.95961 (92092408)	15623.97928 (92092408)
14722.83845	(92092408)	13883.70643 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 159

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
507563.98	507413.98
3606564.5	7194.06892 (90020502) 7106.42239 (90020502) 7027.59620 (91012511)
6941.49945	(91012511) 6814.42424 (91012511)
3606414.5	7492.51041 (91012511) 7401.09472 (91012511) 7260.16639 (91012511)
7182.11464	(91021410) 7070.05526 (91021410)
3606264.5	7768.84785 (91012511) 7679.29003 (91021410) 7547.78279 (91021410)
7378.73718	(91021410) 7187.13985 (90120610)
3606114.5	8095.13590 (91021410) 7894.96923 (91021410) 7715.20685 (90120610)
7607.96133	(90120610) 7464.25934 (90120610)
3605964.5	8321.66466 (90120610) 8179.27617 (90120610) 7995.53896 (90120610)
7782.83834	(90120610) 7552.61084 (90120610)
3605814.5	8601.14601 (90120610) 8334.59112 (90120610) 8051.00385 (90120610)
7868.22121	(90010810) 7737.35998 (90010810)
3605664.5	8693.98760 (90010810) 8535.44752 (90010810) 8344.56634 (90010810)
8131.85676	(90010810) 7907.08850 (90010810)
3605514.5	9016.96593 (90010810) 8728.22506 (90010810) 8736.42592 (92092408)
8781.21896	(92092408) 8800.82437 (92092408)
3605364.5	10266.44690 (92092408) 10236.34931 (92092408) 10176.77285 (92092408)
10092.69075	(92092408) 9988.88759 (92092408)
3605214.5	11742.77333 (92092408) 11533.28127 (92092408) 11311.13552 (92092408)
11082.22570	(92092408) 10851.16399 (92092408)
3605064.5	12691.81205 (92092408) 12319.43894 (92092408) 11964.04279 (92092408)
11627.35673	(92092408) 11309.95918 (92092408)
3604914.5	12997.49309 (92092408) 12551.14313 (92092408) 12145.51771 (92092408)
11776.13837	(92092408) 11438.78561 (92092408)
3604764.5	12852.04702 (92092408) 12438.40196 (92092408) 12068.18186 (92092408)
11734.22859	(92092408) 11430.62664 (92092408)
3604614.5	12652.90555 (92092408) 12323.82907 (92092408) 12024.36281 (92092408)
11748.95277	(92092408) 11493.07104 (92092408)

3604464.5	|	12730.86347 (92092408)	12465.96125 (92092408)	12214.67290 (92092408)
11973.81500	(92092408)	11740.77411 (92092408)		
3604314.5	|	13174.18065 (92092408)	12914.73766 (92092408)	12657.45023 (92092408)
12400.73823	(92092408)	12143.45262 (92092408)		
3604164.5	|	13844.41091 (92092408)	13522.05340 (92092408)	13196.03923 (92092408)
12866.46323	(92092408)	12533.67606 (92092408)		
3604014.5	|	14449.18051 (92092408)	14002.78821 (92092408)	13556.50638 (92092408)
13111.80563	(92092408)	12670.09562 (92092408)		
3603864.5	|	14634.29110 (92092408)	14041.04735 (92092408)	13463.36198 (92092408)
12902.26356	(92092408)	12358.64093 (92092408)		
3603714.5	|	14166.57717 (92092408)	13466.18689 (92092408)	12801.29669 (92092408)
12170.85546	(92092408)	11573.91369 (92092408)		
3603564.5	|	13101.71200 (92092408)	12372.92033 (92092408)	11693.95792 (92092408)
11061.86226	(92092408)	10474.08650 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 160

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003988 , L0003989
, L0003990 , L0003991 , L0003992 ,
L0003993 , L0003994 , L0003995 , L0003996 , L0003997
, L0003998 , L0003999 , L0004000 ,
L0004001 , L0004002 , L0004003 , L0004004 , L0004005
, L0004006 , L0004007 , L0004008 ,
L0004009 , L0004010 , L0004011 , L0004012 , L0004013
, L0004014 , L0004015 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 507863.98

3606564.5 | 6745.58149 (91021410)
3606414.5 | 6925.97489 (91021410)
3606264.5 | 7106.73858 (90120610)
3606114.5 | 7293.99195 (90120610)
3605964.5 | 7314.27978 (90120610)
3605814.5 | 7583.43004 (90010810)
3605664.5 | 7678.62147 (90010810)
3605514.5 | 8797.68392 (92092408)
3605364.5 | 9869.74343 (92092408)
3605214.5 | 10621.43486 (92092408)
3605064.5 | 11011.64280 (92092408)
3604914.5 | 11129.57976 (92092408)
3604764.5 | 11152.45442 (92092408)
3604614.5 | 11252.99837 (92092408)
3604464.5 | 11513.41032 (92092408)
3604314.5 | 11884.78672 (92092408)
3604164.5 | 12198.21719 (92092408)
3604014.5 | 12232.73985 (92092408)
3603864.5 | 11833.27294 (92092408)
3603714.5 | 11009.61412 (92092408)
3603564.5 | 9941.21311 (91012507)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 161

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED
OVER 3 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK

GROUP ID	ZHILL, ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV,
ALL		1ST HIGHEST VALUE IS		9850.75860 AT (	503685.74,	3604615.94, 0.00,
0.00,		0.00) GC UCART6				
		2ND HIGHEST VALUE IS		9615.16327 AT (	503535.74,	3604465.94, 0.00,
0.00,		0.00) GC UCART6				
		3RD HIGHEST VALUE IS		9444.09226 AT (	498321.32,	3603284.90, 0.00,
0.00,		0.00) GC UCART1				
		4TH HIGHEST VALUE IS		8716.78565 AT (	503535.74,	3604315.94, 0.00,
0.00,		0.00) GC UCART6				
		5TH HIGHEST VALUE IS		8648.80363 AT (	498621.32,	3603284.90, 0.00,
0.00,		0.00) GC UCART1				
		6TH HIGHEST VALUE IS		8575.10203 AT (	503537.15,	3602835.14, 0.00,
0.00,		0.00) GC UCART5				
		7TH HIGHEST VALUE IS		8483.28469 AT (	505613.59,	3601933.99, 0.00,
0.00,		0.00) GC UCART7				
		8TH HIGHEST VALUE IS		8307.34260 AT (	500854.52,	3602984.79, 0.00,
0.00,		0.00) GC UCART3				
		9TH HIGHEST VALUE IS		8176.96142 AT (	498621.32,	3603134.90, 0.00,
0.00,		0.00) GC UCART1				
		10TH HIGHEST VALUE IS		7922.98830 AT (	503535.74,	3604165.94, 0.00,
0.00,		0.00) GC UCART6				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/21/12

*** 16:16:37

PAGE 162

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK				DATE	
GROUP ID		AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID		

ALL HIGH 1ST HIGH VALUE IS 142352.41215 ON 92092408: AT (503685.74,
3604615.94, 0.00, 0.00, 0.00) GC UCART6

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/21/12

*** 16:16:37

PAGE 163

**MODELOPTs: RegDEFAULT CONC

ELEV

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 12293 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 1462 Calm Hours Identified

A Total of 10831 Missing Hours Identified (41.18 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.
See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 1

**MODELOPTs: RegDEFAULT CONC

ELEV

*** 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 Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 717 Source(s); 1 Source Group(s); and 3528 Receptor
(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**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) = 9.00 ; Decay Coef.
= 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.2 MB of RAM.

**Detailed Error/Message File: Otay Mesa Future CPU.err

**File for Summary of Results: Otay Mesa Future CPU.sum

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 3

**MODELOPTs: RegDEFAULT CONC

ELEV

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\AERMET\Otay Mesa.SFC
Met Version: 11059
Profile file: ..\AERMET\Otay Mesa.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 1990 Year: 1990

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									
90	01	01	1	01	-28.1	0.276	-9.000	-9.000	-999.	334.	67.5	1.00	1.62	0.62	
2.10	331.			10.0	283.1	2.0									
90	01	01	1	02	-11.6	0.130	-9.000	-9.000	-999.	122.	17.2	1.00	1.62	1.00	
1.50	328.			10.0	282.0	2.0									
90	01	01	1	03	-29.4	0.261	-9.000	-9.000	-999.	306.	54.4	1.00	1.62	1.00	
2.10	344.			10.0	282.5	2.0									
90	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	08	-29.3	0.262	-9.000	-9.000	-999.	308.	55.3	1.00	1.62	1.00	
2.10	3.			10.0	283.1	2.0									
90	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	286.4	2.0									
90	01	01	1	10	-42.2	0.382	-9.000	-9.000	-999.	543.	119.1	1.00	1.62	1.00	
2.60	171.			10.0	288.1	2.0									
90	01	01	1	11	-42.1	0.382	-9.000	-9.000	-999.	544.	119.8	1.00	1.62	1.00	
2.60	184.			10.0	289.2	2.0									
90	01	01	1	12	-61.1	0.582	-9.000	-9.000	-999.	1021.	291.2	1.00	1.62	1.00	
3.60	216.			10.0	289.9	2.0									
90	01	01	1	13	-64.0	0.773	-9.000	-9.000	-999.	1562.	652.3	1.00	1.62	1.00	
4.60	203.			10.0	289.9	2.0									
90	01	01	1	14	-64.0	0.773	-9.000	-9.000	-999.	1564.	652.3	1.00	1.62	1.00	
4.60	229.			10.0	289.9	2.0									
90	01	01	1	15	-61.5	0.680	-9.000	-9.000	-999.	1302.	462.4	1.00	1.62	1.00	
4.10	232.			10.0	289.2	2.0									
90	01	01	1	16	-23.5	0.610	-9.000	-9.000	-999.	1103.	873.9	1.00	1.62	0.52	
3.60	264.			10.0	288.8	2.0									
90	01	01	1	17	48.0	0.561	-9.000	-9.000	-999.	971.	-332.9	1.00	1.62	0.32	
3.10	201.			10.0	288.1	2.0									

90	01	01	1	18	50.2	0.644	-9.000	-9.000	-999.	1187.	-480.1	1.00	1.62	0.26
3.60	227.			10.0	288.1	2.0								
90	01	01	1	19	142.8	0.513	-9.000	-9.000	-999.	860.	-85.3	1.00	1.62	0.24
2.60	224.			10.0	287.5	2.0								
90	01	01	1	20	160.1	0.517	-9.000	-9.000	-999.	856.	-78.1	1.00	1.62	0.23
2.60	217.			10.0	287.5	2.0								
90	01	01	1	21	158.4	0.594	-9.000	-9.000	-999.	1052.	-119.4	1.00	1.62	0.23
3.10	220.			10.0	287.5	2.0								
90	01	01	1	22	122.9	0.665	-9.000	-9.000	-999.	1244.	-215.6	1.00	1.62	0.24
3.60	222.			10.0	287.5	2.0								
90	01	01	1	23	43.4	0.642	-9.000	-9.000	-999.	1184.	-549.7	1.00	1.62	0.27
3.60	190.			10.0	287.5	2.0								
90	01	01	1	24	2.5	0.713	-9.000	-9.000	-999.	1382.	-8888.0	1.00	1.62	0.36
4.10	230.			10.0	287.5	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
90	01	01	01	10.0	1	331.	2.10	283.2	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 4

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED
OVER 3 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK

GROUP ID		AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID			
ALL	1ST HIGHEST VALUE IS	9328.84166 AT (	498321.32,	3603284.90,
0.00,	0.00) GC UCART1			0.00,
	2ND HIGHEST VALUE IS	8321.89143 AT (	498621.32,	3603284.90,
0.00,	0.00) GC UCART1			0.00,
	3RD HIGHEST VALUE IS	8040.82241 AT (	501904.52,	3602834.79,
0.00,	0.00) GC UCART3			0.00,
	4TH HIGHEST VALUE IS	7859.73261 AT (	505613.59,	3601933.99,
0.00,	0.00) GC UCART7			0.00,
	5TH HIGHEST VALUE IS	7812.88206 AT (	498621.32,	3603134.90,
0.00,	0.00) GC UCART1			0.00,
	6TH HIGHEST VALUE IS	7521.10027 AT (	501887.15,	3602835.14,
0.00,	0.00) GC UCART5			0.00,
	7TH HIGHEST VALUE IS	7494.62115 AT (	498471.32,	3603284.90,
0.00,	0.00) GC UCART1			0.00,
	8TH HIGHEST VALUE IS	6876.82198 AT (	505913.59,	3602083.99,
0.00,	0.00) GC UCART7			0.00,
	9TH HIGHEST VALUE IS	6849.07784 AT (	503537.15,	3602835.14,
0.00,	0.00) GC UCART5			0.00,
	10TH HIGHEST VALUE IS	6698.85435 AT (	500854.52,	3602984.79,
0.00,	0.00) GC UCART3			0.00,

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 5

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK				DATE	
GROUP ID		AVERAGE CONC	(YYMMDDHH)		RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)		OF TYPE	GRID-ID		

ALL HIGH 1ST HIGH VALUE IS 114281.79103 ON 92092408: AT (498621.32,
3603284.90, 0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 6

**MODELOPTs: RegDEFAULT CONC

ELEV

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

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

A Total of 0 Fatal Error Message(s)

A Total of 0 Warning Message(s)

A Total of 12293 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 1462 Calm Hours Identified

A Total of 10831 Missing Hours Identified (41.18 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.
See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

*** NONE ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 7.6.1
** Lakes Environmental Software Inc.
** Date: 10/17/2012
** File: C:\AERMOD\Otay Mesa CPU\Otay Mesa Future CPU\Otay Mesa Future CPU.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa Existing\Otay Mesa Existing
  MODELOPT DFAULT CONC
  AVERTIME 1 ANNUAL
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "Otay Mesa Future CPU.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 = I_905_A
** DESCRSRC I_905_Sempre-Border
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 74.4202451
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 5
** 505727.82, 3601420.01, 0.00, 4.27, 23.26
** 505711.10, 3601611.75, 0.00, 4.27, 23.26
** 505726.41, 3601719.49, 0.00, 4.27, 23.26
** 505690.91, 3601898.02, 0.00, 4.27, 23.26
** 505643.14, 3601999.74, 0.00, 4.27, 23.26
** -----
LOCATION L0002912      VOLUME    505725.647 3601444.921 0.0
LOCATION L0002913      VOLUME    505721.305 3601494.732 0.0
LOCATION L0002914      VOLUME    505716.962 3601544.543 0.0
LOCATION L0002915      VOLUME    505712.620 3601594.354 0.0
LOCATION L0002916      VOLUME    505715.679 3601643.964 0.0
LOCATION L0002917      VOLUME    505722.711 3601693.468 0.0
LOCATION L0002918      VOLUME    505721.781 3601742.751 0.0
LOCATION L0002919      VOLUME    505712.030 3601791.791 0.0
LOCATION L0002920      VOLUME    505702.279 3601840.831 0.0

```

```

LOCATION L0002921      VOLUME    505692.529 3601889.871 0.0
LOCATION L0002922      VOLUME    505673.187 3601935.758 0.0
LOCATION L0002923      VOLUME    505651.936 3601981.017 0.0
** End of LINE VOLUME Source ID = I_905_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_B
** DESCRSRC I-905_Simpre-SR-125
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 114.2264227081
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 3
** 505643.15, 3601999.73, 0.00, 4.27, 23.26
** 505606.12, 3602064.34, 0.00, 4.27, 23.26
** 505217.50, 3602534.52, 0.00, 4.27, 23.26
** -----
LOCATION L0002924      VOLUME    505630.716 3602021.424 0.0
LOCATION L0002925      VOLUME    505605.780 3602064.754 0.0
LOCATION L0002926      VOLUME    505573.926 3602103.293 0.0
LOCATION L0002927      VOLUME    505542.071 3602141.832 0.0
LOCATION L0002928      VOLUME    505510.216 3602180.371 0.0
LOCATION L0002929      VOLUME    505478.361 3602218.911 0.0
LOCATION L0002930      VOLUME    505446.507 3602257.450 0.0
LOCATION L0002931      VOLUME    505414.652 3602295.989 0.0
LOCATION L0002932      VOLUME    505382.797 3602334.528 0.0
LOCATION L0002933      VOLUME    505350.942 3602373.068 0.0
LOCATION L0002934      VOLUME    505319.088 3602411.607 0.0
LOCATION L0002935      VOLUME    505287.233 3602450.146 0.0
LOCATION L0002936      VOLUME    505255.378 3602488.685 0.0
LOCATION L0002937      VOLUME    505223.523 3602527.225 0.0
** End of LINE VOLUME Source ID = I_905_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_C
** DESCRSRC I-905_SR-125-LaMedia
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 119.4185328
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 9
** 505216.54, 3602535.58, 0.00, 4.27, 23.26
** 505081.69, 3602686.63, 0.00, 4.27, 23.26
** 504972.76, 3602784.06, 0.00, 4.27, 23.26
** 504860.21, 3602857.56, 0.00, 4.27, 23.26
** 504755.12, 3602907.67, 0.00, 4.27, 23.26
** 504705.68, 3602926.33, 0.00, 4.27, 23.26
** 504548.75, 3602963.98, 0.00, 4.27, 23.26
** 504475.80, 3602970.59, 0.00, 4.27, 23.26
** 503524.10, 3602978.42, 0.00, 4.27, 23.26
** -----
LOCATION L0002938      VOLUME    505199.887 3602554.225 0.0
LOCATION L0002939      VOLUME    505166.590 3602591.525 0.0
LOCATION L0002940      VOLUME    505133.292 3602628.824 0.0
LOCATION L0002941      VOLUME    505099.994 3602666.124 0.0
LOCATION L0002942      VOLUME    505064.909 3602701.638 0.0

```

LOCATION	VOLUME				
L0002943	505027.641	3602734.970	0.0		
L0002944	504990.372	3602768.303	0.0		
L0002945	504950.680	3602798.475	0.0		
L0002946	504908.817	3602825.815	0.0		
L0002947	504866.954	3602853.154	0.0		
L0002948	504822.348	3602875.612	0.0		
L0002949	504777.217	3602897.132	0.0		
L0002950	504731.244	3602916.681	0.0		
L0002951	504683.630	3602931.620	0.0		
L0002952	504635.010	3602943.285	0.0		
L0002953	504586.390	3602954.951	0.0		
L0002954	504537.505	3602965.002	0.0		
L0002955	504487.709	3602969.515	0.0		
L0002956	504437.759	3602970.907	0.0		
L0002957	504387.760	3602971.318	0.0		
L0002958	504337.762	3602971.729	0.0		
L0002959	504287.764	3602972.140	0.0		
L0002960	504237.765	3602972.552	0.0		
L0002961	504187.767	3602972.963	0.0		
L0002962	504137.769	3602973.374	0.0		
L0002963	504087.771	3602973.785	0.0		
L0002964	504037.772	3602974.196	0.0		
L0002965	503987.774	3602974.607	0.0		
L0002966	503937.776	3602975.018	0.0		
L0002967	503887.777	3602975.429	0.0		
L0002968	503837.779	3602975.840	0.0		
L0002969	503787.781	3602976.252	0.0		
L0002970	503737.782	3602976.663	0.0		
L0002971	503687.784	3602977.074	0.0		
L0002972	503637.786	3602977.485	0.0		
L0002973	503587.787	3602977.896	0.0		
L0002974	503537.789	3602978.307	0.0		

** End of LINE VOLUME Source ID = I_905_C

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_H

** DESCRSRC I-905_Caliente-I-805

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 254.9975084

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 10

498211.33	3603374.87	0.00	0.00	23.26
498078.80	3603426.47	0.00	0.00	23.26
497995.68	3603450.70	0.00	0.00	23.26
497904.40	3603469.28	0.00	0.00	23.26
497830.42	3603476.97	0.00	0.00	23.26
497760.84	3603476.12	0.00	0.00	23.26
497323.89	3603436.67	0.00	0.00	23.26
497063.85	3603415.73	0.00	0.00	23.26
496939.49	3603412.66	0.00	0.00	23.26
496187.94	3603420.71	0.00	0.00	23.26

L0003123	498188.033	3603383.937	0.0		
L0003124	498141.441	3603402.079	0.0		
L0003125	498094.848	3603420.221	0.0		
L0003126	498047.332	3603435.644	0.0		
L0003127	497999.330	3603449.638	0.0		

LOCATION	VOLUME				
L0003128	497950.410	3603459.915	0.0		
L0003129	497901.369	3603469.594	0.0		
L0003130	497851.637	3603474.761	0.0		
L0003131	497801.753	3603476.619	0.0		
L0003132	497751.793	3603475.307	0.0		
L0003133	497701.996	3603470.810	0.0		
L0003134	497652.199	3603466.313	0.0		
L0003135	497602.401	3603461.816	0.0		
L0003136	497552.604	3603457.320	0.0		
L0003137	497502.806	3603452.823	0.0		
L0003138	497453.009	3603448.326	0.0		
L0003139	497403.212	3603443.829	0.0		
L0003140	497353.414	3603439.332	0.0		
L0003141	497303.600	3603435.032	0.0		
L0003142	497253.761	3603431.020	0.0		
L0003143	497203.923	3603427.007	0.0		
L0003144	497154.084	3603422.995	0.0		
L0003145	497104.245	3603418.982	0.0		
L0003146	497054.379	3603415.496	0.0		
L0003147	497004.394	3603414.264	0.0		
L0003148	496954.409	3603413.031	0.0		
L0003149	496904.416	3603413.038	0.0		
L0003150	496854.419	3603413.573	0.0		
L0003151	496804.421	3603414.108	0.0		
L0003152	496754.424	3603414.643	0.0		
L0003153	496704.427	3603415.179	0.0		
L0003154	496654.430	3603415.714	0.0		
L0003155	496604.433	3603416.249	0.0		
L0003156	496554.436	3603416.784	0.0		
L0003157	496504.439	3603417.319	0.0		
L0003158	496454.442	3603417.854	0.0		
L0003159	496404.444	3603418.389	0.0		
L0003160	496354.447	3603418.924	0.0		
L0003161	496304.450	3603419.459	0.0		
L0003162	496254.453	3603419.995	0.0		
L0003163	496204.456	3603420.530	0.0		

** End of LINE VOLUME Source ID = I_905_H

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_805_C

** DESCRSRC I-805_I-905_Palm

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 256.1440994

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 2

** 496187.85, 3603420.77, 0.00, 4.27, 23.26

** 496520.01, 3605148.83, 0.00, 4.27, 23.26

** -----

LOCATION	VOLUME				
L0003265	496192.572	3603445.321	0.0		
L0003266	496202.010	3603494.423	0.0		
L0003267	496211.448	3603543.524	0.0		
L0003268	496220.886	3603592.625	0.0		
L0003269	496230.324	3603641.726	0.0		
L0003270	496239.761	3603690.827	0.0		
L0003271	496249.199	3603739.928	0.0		
L0003272	496258.637	3603789.030	0.0		
L0003273	496268.075	3603838.131	0.0		

LOCATION	VOLUME				
L0003274	496277.513	3603887.232	0.0		
L0003275	496286.951	3603936.333	0.0		
L0003276	496296.389	3603985.434	0.0		
L0003277	496305.827	3604034.535	0.0		
L0003278	496315.265	3604083.637	0.0		
L0003279	496324.703	3604132.738	0.0		
L0003280	496334.141	3604181.839	0.0		
L0003281	496343.579	3604230.940	0.0		
L0003282	496353.017	3604280.041	0.0		
L0003283	496362.455	3604329.142	0.0		
L0003284	496371.893	3604378.244	0.0		
L0003285	496381.331	3604427.345	0.0		
L0003286	496390.769	3604476.446	0.0		
L0003287	496400.207	3604525.547	0.0		
L0003288	496409.645	3604574.648	0.0		
L0003289	496419.083	3604623.749	0.0		
L0003290	496428.521	3604672.851	0.0		
L0003291	496437.959	3604721.952	0.0		
L0003292	496447.397	3604771.053	0.0		
L0003293	496456.835	3604820.154	0.0		
L0003294	496466.273	3604869.255	0.0		
L0003295	496475.711	3604918.356	0.0		
L0003296	496485.149	3604967.458	0.0		
L0003297	496494.587	3605016.559	0.0		
L0003298	496504.025	3605065.660	0.0		
L0003299	496513.463	3605114.761	0.0		

** End of LINE VOLUME Source ID = I_805_C

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_805_D

** DESCRSRC I-805_N_Of_Palm

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 286.150169159

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 5

** 496519.99, 3605148.63, 0.00, 4.27, 23.26

** 496549.94, 3605316.11, 0.00, 4.27, 23.26

** 496568.64, 3605434.29, 0.00, 4.27, 23.26

** 496577.42, 3605558.92, 0.00, 4.27, 23.26

** 496593.26, 3606374.43, 0.00, 4.27, 23.26

** -----

LOCATION	VOLUME				
L0003300	496524.391	3605173.242	0.0		
L0003301	496533.192	3605222.461	0.0		
L0003302	496541.993	3605271.681	0.0		
L0003303	496550.698	3605320.916	0.0		
L0003304	496558.515	3605370.301	0.0		
L0003305	496566.332	3605419.686	0.0		
L0003306	496571.119	3605469.418	0.0		
L0003307	496574.632	3605519.294	0.0		
L0003308	496577.623	3605569.194	0.0		
L0003309	496578.594	3605619.184	0.0		
L0003310	496579.565	3605669.175	0.0		
L0003311	496580.536	3605719.165	0.0		
L0003312	496581.507	3605769.156	0.0		
L0003313	496582.478	3605819.147	0.0		
L0003314	496583.449	3605869.137	0.0		
L0003315	496584.421	3605919.128	0.0		

```

LOCATION L0003316      VOLUME  496585.392 3605969.118 0.0
LOCATION L0003317      VOLUME  496586.363 3606019.109 0.0
LOCATION L0003318      VOLUME  496587.334 3606069.099 0.0
LOCATION L0003319      VOLUME  496588.305 3606119.090 0.0
LOCATION L0003320      VOLUME  496589.276 3606169.081 0.0
LOCATION L0003321      VOLUME  496590.247 3606219.071 0.0
LOCATION L0003322      VOLUME  496591.218 3606269.062 0.0
LOCATION L0003323      VOLUME  496592.189 3606319.052 0.0
LOCATION L0003324      VOLUME  496593.160 3606369.043 0.0
** End of LINE VOLUME Source ID = I_805_D
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MEASA_A
** DESCRSRC Otay Mesa Rd Calinete to Corporate
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 156.8449933
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 498669.75, 3603440.25, 0.00, 4.27, 18.60
** 499484.05, 3603427.60, 0.00, 4.27, 18.60
** -----
LOCATION L0003510      VOLUME  498689.746 3603439.942 0.0
LOCATION L0003511      VOLUME  498729.741 3603439.320 0.0
LOCATION L0003512      VOLUME  498769.736 3603438.699 0.0
LOCATION L0003513      VOLUME  498809.731 3603438.077 0.0
LOCATION L0003514      VOLUME  498849.726 3603437.456 0.0
LOCATION L0003515      VOLUME  498889.722 3603436.834 0.0
LOCATION L0003516      VOLUME  498929.717 3603436.213 0.0
LOCATION L0003517      VOLUME  498969.712 3603435.592 0.0
LOCATION L0003518      VOLUME  499009.707 3603434.970 0.0
LOCATION L0003519      VOLUME  499049.702 3603434.349 0.0
LOCATION L0003520      VOLUME  499089.697 3603433.727 0.0
LOCATION L0003521      VOLUME  499129.693 3603433.106 0.0
LOCATION L0003522      VOLUME  499169.688 3603432.484 0.0
LOCATION L0003523      VOLUME  499209.683 3603431.863 0.0
LOCATION L0003524      VOLUME  499249.678 3603431.241 0.0
LOCATION L0003525      VOLUME  499289.673 3603430.620 0.0
LOCATION L0003526      VOLUME  499329.668 3603429.998 0.0
LOCATION L0003527      VOLUME  499369.664 3603429.377 0.0
LOCATION L0003528      VOLUME  499409.659 3603428.756 0.0
LOCATION L0003529      VOLUME  499449.654 3603428.134 0.0
** End of LINE VOLUME Source ID = OTAY_MEASA_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_B
** DESCRSRC Otay Mesa Rd Corporate to Innovative
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 111.4140297
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 499484.06, 3603427.60, 0.00, 4.27, 18.60
** 499886.35, 3603425.24, 0.00, 4.27, 18.60
** -----
LOCATION L0003530      VOLUME  499504.056 3603427.483 0.0

```


LOCATION	L0003531	VOLUME	499544.055	3603427.249	0.0
LOCATION	L0003532	VOLUME	499584.055	3603427.015	0.0
LOCATION	L0003533	VOLUME	499624.054	3603426.780	0.0
LOCATION	L0003534	VOLUME	499664.053	3603426.546	0.0
LOCATION	L0003535	VOLUME	499704.053	3603426.312	0.0
LOCATION	L0003536	VOLUME	499744.052	3603426.078	0.0
LOCATION	L0003537	VOLUME	499784.051	3603425.844	0.0
LOCATION	L0003538	VOLUME	499824.051	3603425.610	0.0
LOCATION	L0003539	VOLUME	499864.050	3603425.375	0.0

** End of LINE VOLUME Source ID = OTAY_MESA_B
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = OTAY_MES_C
 ** DESCRSRC Otay Mesa Rd Innovated to Heritage
 ** PREFIX
 ** Length of Side = 40.00
 ** Configuration = Adjacent
 ** Emission Rate = 100.5971336
 ** Vertical Dimension = 12.80
 ** SZINIT = 5.95
 ** Nodes = 2
 ** 499886.36, 3603425.25, 0.00, 4.27, 18.60
 ** 500293.21, 3603418.28, 0.00, 4.27, 18.60
 ** -----

LOCATION	L0003540	VOLUME	499906.355	3603424.905	0.0
LOCATION	L0003541	VOLUME	499946.349	3603424.220	0.0
LOCATION	L0003542	VOLUME	499986.344	3603423.536	0.0
LOCATION	L0003543	VOLUME	500026.338	3603422.851	0.0
LOCATION	L0003544	VOLUME	500066.332	3603422.167	0.0
LOCATION	L0003545	VOLUME	500106.326	3603421.482	0.0
LOCATION	L0003546	VOLUME	500146.320	3603420.798	0.0
LOCATION	L0003547	VOLUME	500186.314	3603420.113	0.0
LOCATION	L0003548	VOLUME	500226.308	3603419.429	0.0
LOCATION	L0003549	VOLUME	500266.303	3603418.744	0.0

** End of LINE VOLUME Source ID = OTAY_MES_C
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = OTAY_MESA_D
 ** DESCRSRC Otay Mesa Rd-905 E-Heritage to Cactus
 ** PREFIX
 ** Length of Side = 40.00
 ** Configuration = Adjacent
 ** Emission Rate = 165.4985102
 ** Vertical Dimension = 12.80
 ** SZINIT = 5.95
 ** Nodes = 2
 ** 500293.22, 3603418.33, 0.00, 4.27, 18.60
 ** 501102.99, 3603404.90, 0.00, 4.27, 18.60
 ** -----

LOCATION	L0003550	VOLUME	500313.219	3603417.999	0.0
LOCATION	L0003551	VOLUME	500353.214	3603417.335	0.0
LOCATION	L0003552	VOLUME	500393.208	3603416.672	0.0
LOCATION	L0003553	VOLUME	500433.203	3603416.009	0.0
LOCATION	L0003554	VOLUME	500473.197	3603415.345	0.0
LOCATION	L0003555	VOLUME	500513.192	3603414.682	0.0
LOCATION	L0003556	VOLUME	500553.186	3603414.019	0.0
LOCATION	L0003557	VOLUME	500593.181	3603413.356	0.0
LOCATION	L0003558	VOLUME	500633.175	3603412.692	0.0
LOCATION	L0003559	VOLUME	500673.170	3603412.029	0.0
LOCATION	L0003560	VOLUME	500713.164	3603411.366	0.0


```

LOCATION L0003561      VOLUME  500753.159 3603410.703 0.0
LOCATION L0003562      VOLUME  500793.153 3603410.039 0.0
LOCATION L0003563      VOLUME  500833.148 3603409.376 0.0
LOCATION L0003564      VOLUME  500873.142 3603408.713 0.0
LOCATION L0003565      VOLUME  500913.137 3603408.050 0.0
LOCATION L0003566      VOLUME  500953.131 3603407.386 0.0
LOCATION L0003567      VOLUME  500993.126 3603406.723 0.0
LOCATION L0003568      VOLUME  501033.120 3603406.060 0.0
LOCATION L0003569      VOLUME  501073.115 3603405.397 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_D
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_E
** DESCRSRC Otay Mesa R-905 F Cactus to Britannia
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 95.18868559
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501102.95, 3603404.89, 0.00, 4.27, 18.60
** 501903.08, 3603388.31, 0.00, 4.27, 18.60
** -----
LOCATION L0003570      VOLUME  501122.943 3603404.472 0.0
LOCATION L0003571      VOLUME  501162.935 3603403.644 0.0
LOCATION L0003572      VOLUME  501202.926 3603402.816 0.0
LOCATION L0003573      VOLUME  501242.917 3603401.987 0.0
LOCATION L0003574      VOLUME  501282.909 3603401.159 0.0
LOCATION L0003575      VOLUME  501322.900 3603400.330 0.0
LOCATION L0003576      VOLUME  501362.892 3603399.502 0.0
LOCATION L0003577      VOLUME  501402.883 3603398.674 0.0
LOCATION L0003578      VOLUME  501442.875 3603397.845 0.0
LOCATION L0003579      VOLUME  501482.866 3603397.017 0.0
LOCATION L0003580      VOLUME  501522.857 3603396.188 0.0
LOCATION L0003581      VOLUME  501562.849 3603395.360 0.0
LOCATION L0003582      VOLUME  501602.840 3603394.532 0.0
LOCATION L0003583      VOLUME  501642.832 3603393.703 0.0
LOCATION L0003584      VOLUME  501682.823 3603392.875 0.0
LOCATION L0003585      VOLUME  501722.814 3603392.046 0.0
LOCATION L0003586      VOLUME  501762.806 3603391.218 0.0
LOCATION L0003587      VOLUME  501802.797 3603390.390 0.0
LOCATION L0003588      VOLUME  501842.789 3603389.561 0.0
LOCATION L0003589      VOLUME  501882.780 3603388.733 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_E
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_F
** DESCRSRC Otay Mesa Rd Britannia to La Media
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 109.2506505
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501903.09, 3603388.31, 0.00, 4.27, 18.60
** 503536.98, 3603371.42, 0.00, 4.27, 18.60
** -----
LOCATION L0003590      VOLUME  501923.093 3603388.105 0.0

```

LOCATION	VOLUME				
L0003591	501963.091	3603387.691	0.0		
L0003592	502003.089	3603387.278	0.0		
L0003593	502043.087	3603386.864	0.0		
L0003594	502083.084	3603386.450	0.0		
L0003595	502123.082	3603386.037	0.0		
L0003596	502163.080	3603385.623	0.0		
L0003597	502203.078	3603385.210	0.0		
L0003598	502243.076	3603384.796	0.0		
L0003599	502283.074	3603384.383	0.0		
L0003600	502323.072	3603383.969	0.0		
L0003601	502363.069	3603383.556	0.0		
L0003602	502403.067	3603383.142	0.0		
L0003603	502443.065	3603382.729	0.0		
L0003604	502483.063	3603382.315	0.0		
L0003605	502523.061	3603381.902	0.0		
L0003606	502563.059	3603381.488	0.0		
L0003607	502603.057	3603381.074	0.0		
L0003608	502643.054	3603380.661	0.0		
L0003609	502683.052	3603380.247	0.0		
L0003610	502723.050	3603379.834	0.0		
L0003611	502763.048	3603379.420	0.0		
L0003612	502803.046	3603379.007	0.0		
L0003613	502843.044	3603378.593	0.0		
L0003614	502883.042	3603378.180	0.0		
L0003615	502923.039	3603377.766	0.0		
L0003616	502963.037	3603377.353	0.0		
L0003617	503003.035	3603376.939	0.0		
L0003618	503043.033	3603376.525	0.0		
L0003619	503083.031	3603376.112	0.0		
L0003620	503123.029	3603375.698	0.0		
L0003621	503163.027	3603375.285	0.0		
L0003622	503203.025	3603374.871	0.0		
L0003623	503243.022	3603374.458	0.0		
L0003624	503283.020	3603374.044	0.0		
L0003625	503323.018	3603373.631	0.0		
L0003626	503363.016	3603373.217	0.0		
L0003627	503403.014	3603372.804	0.0		
L0003628	503443.012	3603372.390	0.0		
L0003629	503483.010	3603371.976	0.0		
L0003630	503523.007	3603371.563	0.0		

** End of LINE VOLUME Source ID = OTAY_MESA_F

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_D

** DESCRSRC I-905 Britannia to La Media

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 177.6783351707

** Vertical Dimension = 4.27

** SZINIT = 1.98

** Nodes = 2

** 503524.08, 3602978.42, 0.00, 4.27, 23.26

** 501899.68, 3602983.74, 0.00, 4.27, 23.26

L0002810	503499.078	3602978.506	0.0		
L0002811	503449.079	3602978.669	0.0		
L0002812	503399.079	3602978.833	0.0		
L0002813	503349.079	3602978.996	0.0		
L0002814	503299.079	3602979.160	0.0		

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0002815	503249.080	3602979.323	0.0	
L0002816	503199.080	3602979.487	0.0	
L0002817	503149.080	3602979.650	0.0	
L0002818	503099.080	3602979.814	0.0	
L0002819	503049.081	3602979.978	0.0	
L0002820	502999.081	3602980.141	0.0	
L0002821	502949.081	3602980.305	0.0	
L0002822	502899.081	3602980.468	0.0	
L0002823	502849.082	3602980.632	0.0	
L0002824	502799.082	3602980.795	0.0	
L0002825	502749.082	3602980.959	0.0	
L0002826	502699.083	3602981.122	0.0	
L0002827	502649.083	3602981.286	0.0	
L0002828	502599.083	3602981.449	0.0	
L0002829	502549.083	3602981.613	0.0	
L0002830	502499.084	3602981.776	0.0	
L0002831	502449.084	3602981.940	0.0	
L0002832	502399.084	3602982.104	0.0	
L0002833	502349.084	3602982.267	0.0	
L0002834	502299.085	3602982.431	0.0	
L0002835	502249.085	3602982.594	0.0	
L0002836	502199.085	3602982.758	0.0	
L0002837	502149.085	3602982.921	0.0	
L0002838	502099.086	3602983.085	0.0	
L0002839	502049.086	3602983.248	0.0	
L0002840	501999.086	3602983.412	0.0	
L0002841	501949.087	3602983.575	0.0	

** End of LINE VOLUME Source ID = I_905_D

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = I_905_E

** DESCRSRC I-905 Britannia to Cactus

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 199.6150004

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 7

** 501899.91, 3602983.63, 0.00, 4.27, 23.26

** 501741.38, 3602983.82, 0.00, 4.27, 23.26

** 501643.61, 3602988.14, 0.00, 4.27, 23.26

** 501570.98, 3602994.32, 0.00, 4.27, 23.26

** 501500.02, 3603003.34, 0.00, 4.27, 23.26

** 501181.43, 3603050.59, 0.00, 4.27, 23.26

** 501097.47, 3603057.67, 0.00, 4.27, 23.26

** -----

L0002975	501874.908	3602983.656	0.0	
L0002976	501824.908	3602983.718	0.0	
L0002977	501774.909	3602983.780	0.0	
L0002978	501724.925	3602984.548	0.0	
L0002979	501674.973	3602986.753	0.0	
L0002980	501625.071	3602989.716	0.0	
L0002981	501575.251	3602993.961	0.0	
L0002982	501525.632	3603000.087	0.0	
L0002983	501476.099	3603006.889	0.0	
L0002984	501426.640	3603014.224	0.0	
L0002985	501377.181	3603021.559	0.0	
L0002986	501327.722	3603028.894	0.0	
L0002987	501278.263	3603036.230	0.0	

```

LOCATION L0002988      VOLUME    501228.804 3603043.565 0.0
LOCATION L0002989      VOLUME    501179.329 3603050.767 0.0
LOCATION L0002990      VOLUME    501129.506 3603054.967 0.0
** End of LINE VOLUME Source ID = I_905_E
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_I
** DESCRSRC I-905 Cactus to Heritage
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 199.6150004
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 10
** 501097.64, 3603057.51, 0.00, 4.27, 23.26
** 501002.41, 3603058.87, 0.00, 4.27, 23.26
** 500933.39, 3603058.05, 0.00, 4.27, 23.26
** 500801.94, 3603045.25, 0.00, 4.27, 23.26
** 500707.24, 3603030.49, 0.00, 4.27, 23.26
** 500621.35, 3603014.98, 0.00, 4.27, 23.26
** 500570.58, 3603004.14, 0.00, 4.27, 23.26
** 500421.36, 3602979.21, 0.00, 4.27, 23.26
** 500340.77, 3602978.08, 0.00, 4.27, 23.26
** 500288.38, 3602980.72, 0.00, 4.27, 23.26
** -----
LOCATION L0002991      VOLUME    501072.641 3603057.865 0.0
LOCATION L0002992      VOLUME    501022.647 3603058.584 0.0
LOCATION L0002993      VOLUME    500972.651 3603058.519 0.0
LOCATION L0002994      VOLUME    500922.704 3603057.009 0.0
LOCATION L0002995      VOLUME    500872.939 3603052.165 0.0
LOCATION L0002996      VOLUME    500823.174 3603047.321 0.0
LOCATION L0002997      VOLUME    500773.617 3603040.839 0.0
LOCATION L0002998      VOLUME    500724.213 3603033.139 0.0
LOCATION L0002999      VOLUME    500674.941 3603024.661 0.0
LOCATION L0003000      VOLUME    500625.736 3603015.775 0.0
LOCATION L0003001      VOLUME    500576.812 3603005.471 0.0
LOCATION L0003002      VOLUME    500527.549 3602996.951 0.0
LOCATION L0003003      VOLUME    500478.232 3602988.711 0.0
LOCATION L0003004      VOLUME    500428.916 3602980.471 0.0
LOCATION L0003005      VOLUME    500379.025 3602978.615 0.0
LOCATION L0003006      VOLUME    500329.044 3602978.669 0.0
** End of LINE VOLUME Source ID = I_905_I
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_F
** DESCRSRC I-905 Heritage to Caliente
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 226.1380297
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 17
** 500288.74, 3602980.97, 0.00, 4.27, 23.26
** 500241.20, 3602987.73, 0.00, 4.27, 23.26
** 500196.90, 3602998.23, 0.00, 4.27, 23.26
** 500151.81, 3603011.83, 0.00, 4.27, 23.26
** 500095.46, 3603034.57, 0.00, 4.27, 23.26
** 499913.77, 3603116.43, 0.00, 4.27, 23.26

```

```

** 499814.72, 3603160.10, 0.00, 4.27, 23.26
** 499720.10, 3603197.13, 0.00, 4.27, 23.26
** 499605.86, 3603221.81, 0.00, 4.27, 23.26
** 499557.27, 3603227.77, 0.00, 4.27, 23.26
** 499504.42, 3603229.04, 0.00, 4.27, 23.26
** 499452.20, 3603228.40, 0.00, 4.27, 23.26
** 498924.78, 3603183.28, 0.00, 4.27, 23.26
** 498846.17, 3603179.72, 0.00, 4.27, 23.26
** 498783.51, 3603183.83, 0.00, 4.27, 23.26
** 498727.72, 3603190.92, 0.00, 4.27, 23.26
** 498650.17, 3603206.84, 0.00, 4.27, 23.26

```

```

** -----
LOCATION L0003007      VOLUME  500263.986 3602984.490 0.0
LOCATION L0003008      VOLUME  500214.942 3602993.952 0.0
LOCATION L0003009      VOLUME  500166.782 3603007.313 0.0
LOCATION L0003010      VOLUME  500119.944 3603024.686 0.0
LOCATION L0003011      VOLUME  500073.945 3603044.259 0.0
LOCATION L0003012      VOLUME  500028.359 3603064.800 0.0
LOCATION L0003013      VOLUME  499982.774 3603085.341 0.0
LOCATION L0003014      VOLUME  499937.188 3603105.882 0.0
LOCATION L0003015      VOLUME  499891.522 3603126.243 0.0
LOCATION L0003016      VOLUME  499845.771 3603146.415 0.0
LOCATION L0003017      VOLUME  499799.760 3603165.959 0.0
LOCATION L0003018      VOLUME  499753.198 3603184.179 0.0
LOCATION L0003019      VOLUME  499705.967 3603200.183 0.0
LOCATION L0003020      VOLUME  499657.095 3603210.743 0.0
LOCATION L0003021      VOLUME  499608.223 3603221.302 0.0
LOCATION L0003022      VOLUME  499558.631 3603227.604 0.0
LOCATION L0003023      VOLUME  499508.655 3603228.936 0.0
LOCATION L0003024      VOLUME  499458.660 3603228.483 0.0
LOCATION L0003025      VOLUME  499408.819 3603224.693 0.0
LOCATION L0003026      VOLUME  499359.001 3603220.430 0.0
LOCATION L0003027      VOLUME  499309.183 3603216.168 0.0
LOCATION L0003028      VOLUME  499259.365 3603211.905 0.0
LOCATION L0003029      VOLUME  499209.547 3603207.642 0.0
LOCATION L0003030      VOLUME  499159.729 3603203.380 0.0
LOCATION L0003031      VOLUME  499109.911 3603199.117 0.0
LOCATION L0003032      VOLUME  499060.093 3603194.854 0.0
LOCATION L0003033      VOLUME  499010.275 3603190.592 0.0
LOCATION L0003034      VOLUME  498960.457 3603186.329 0.0
LOCATION L0003035      VOLUME  498910.602 3603182.635 0.0
LOCATION L0003036      VOLUME  498860.653 3603180.374 0.0
LOCATION L0003037      VOLUME  498810.744 3603182.046 0.0
LOCATION L0003038      VOLUME  498760.984 3603186.697 0.0
LOCATION L0003039      VOLUME  498711.588 3603194.235 0.0
LOCATION L0003040      VOLUME  498662.609 3603204.290 0.0

```

```

** End of LINE VOLUME Source ID = I_905_F
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_905_G
** DESCRSRC I-905 Caleinte to A st
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 254.9975084
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 3
** 498650.21, 3603207.27, 0.00, 4.27, 23.26
** 498597.78, 3603220.84, 0.00, 4.27, 23.26

```

```

** 498212.50, 3603374.25, 0.00, 4.27, 23.26
** -----
LOCATION L0003164      VOLUME  498626.003 3603213.532 0.0
LOCATION L0003165      VOLUME  498578.411 3603228.549 0.0
LOCATION L0003166      VOLUME  498531.958 3603247.045 0.0
LOCATION L0003167      VOLUME  498485.506 3603265.542 0.0
LOCATION L0003168      VOLUME  498439.053 3603284.038 0.0
LOCATION L0003169      VOLUME  498392.600 3603302.535 0.0
LOCATION L0003170      VOLUME  498346.147 3603321.032 0.0
LOCATION L0003171      VOLUME  498299.694 3603339.528 0.0
LOCATION L0003172      VOLUME  498253.241 3603358.025 0.0
** End of LINE VOLUME Source ID = I_905_G
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_805_A
** DESCRSRC I-805 Border to I-5
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 156.3474161
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 4
** 497206.21, 3600559.02, 0.00, 4.27, 23.26
** 496667.63, 3600985.46, 0.00, 4.27, 23.26
** 496283.14, 3601298.39, 0.00, 4.27, 23.26
** 496232.20, 3601369.95, 0.00, 4.27, 23.26
** -----
LOCATION L0003173      VOLUME  497186.614 3600574.540 0.0
LOCATION L0003174      VOLUME  497147.414 3600605.577 0.0
LOCATION L0003175      VOLUME  497108.214 3600636.615 0.0
LOCATION L0003176      VOLUME  497069.014 3600667.653 0.0
LOCATION L0003177      VOLUME  497029.814 3600698.691 0.0
LOCATION L0003178      VOLUME  496990.613 3600729.729 0.0
LOCATION L0003179      VOLUME  496951.413 3600760.767 0.0
LOCATION L0003180      VOLUME  496912.213 3600791.804 0.0
LOCATION L0003181      VOLUME  496873.013 3600822.842 0.0
LOCATION L0003182      VOLUME  496833.813 3600853.880 0.0
LOCATION L0003183      VOLUME  496794.613 3600884.918 0.0
LOCATION L0003184      VOLUME  496755.412 3600915.956 0.0
LOCATION L0003185      VOLUME  496716.212 3600946.994 0.0
LOCATION L0003186      VOLUME  496677.012 3600978.031 0.0
LOCATION L0003187      VOLUME  496638.132 3601009.468 0.0
LOCATION L0003188      VOLUME  496599.352 3601041.030 0.0
LOCATION L0003189      VOLUME  496560.573 3601072.591 0.0
LOCATION L0003190      VOLUME  496521.793 3601104.153 0.0
LOCATION L0003191      VOLUME  496483.014 3601135.715 0.0
LOCATION L0003192      VOLUME  496444.234 3601167.277 0.0
LOCATION L0003193      VOLUME  496405.455 3601198.839 0.0
LOCATION L0003194      VOLUME  496366.675 3601230.401 0.0
LOCATION L0003195      VOLUME  496327.896 3601261.963 0.0
LOCATION L0003196      VOLUME  496289.116 3601293.524 0.0
LOCATION L0003197      VOLUME  496258.613 3601332.845 0.0
** End of LINE VOLUME Source ID = I_805_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = I_805_B
** DESCRSRC I-905 I-5 tp I-905
** PREFIX
** Length of Side = 50.00

```



```

** Configuration = Adjacent
** Emission Rate = 140.7710857
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 10
** 496233.15, 3601368.93, 0.00, 4.27, 23.26
** 496191.62, 3601457.47, 0.00, 4.27, 23.26
** 496142.10, 3601600.12, 0.00, 4.27, 23.26
** 496081.40, 3601944.25, 0.00, 4.27, 23.26
** 496050.11, 3602067.94, 0.00, 4.27, 23.26
** 496012.85, 3602297.42, 0.00, 4.27, 23.26
** 496011.20, 3602426.18, 0.00, 4.27, 23.26
** 496026.32, 3602582.36, 0.00, 4.27, 23.26
** 496041.43, 3602631.06, 0.00, 4.27, 23.26
** 496187.68, 3603420.44, 0.00, 4.27, 23.26

```

```

** -----
LOCATION L0003325      VOLUME  496222.533 3601391.564 0.0
LOCATION L0003326      VOLUME  496201.303 3601436.833 0.0
LOCATION L0003327      VOLUME  496182.702 3601483.172 0.0
LOCATION L0003328      VOLUME  496166.304 3601530.406 0.0
LOCATION L0003329      VOLUME  496149.906 3601577.641 0.0
LOCATION L0003330      VOLUME  496137.550 3601625.926 0.0
LOCATION L0003331      VOLUME  496128.864 3601675.166 0.0
LOCATION L0003332      VOLUME  496120.179 3601724.406 0.0
LOCATION L0003333      VOLUME  496111.494 3601773.646 0.0
LOCATION L0003334      VOLUME  496102.808 3601822.886 0.0
LOCATION L0003335      VOLUME  496094.123 3601872.125 0.0
LOCATION L0003336      VOLUME  496085.438 3601921.365 0.0
LOCATION L0003337      VOLUME  496074.837 3601970.195 0.0
LOCATION L0003338      VOLUME  496062.573 3602018.667 0.0
LOCATION L0003339      VOLUME  496050.309 3602067.140 0.0
LOCATION L0003340      VOLUME  496042.227 3602116.479 0.0
LOCATION L0003341      VOLUME  496034.215 3602165.833 0.0
LOCATION L0003342      VOLUME  496026.203 3602215.187 0.0
LOCATION L0003343      VOLUME  496018.191 3602264.541 0.0
LOCATION L0003344      VOLUME  496012.640 3602314.109 0.0
LOCATION L0003345      VOLUME  496011.999 3602364.105 0.0
LOCATION L0003346      VOLUME  496011.358 3602414.101 0.0
LOCATION L0003347      VOLUME  496014.856 3602463.924 0.0
LOCATION L0003348      VOLUME  496019.672 3602513.691 0.0
LOCATION L0003349      VOLUME  496024.489 3602563.459 0.0
LOCATION L0003350      VOLUME  496035.510 3602611.977 0.0
LOCATION L0003351      VOLUME  496046.900 3602660.577 0.0
LOCATION L0003352      VOLUME  496056.009 3602709.740 0.0
LOCATION L0003353      VOLUME  496065.117 3602758.903 0.0
LOCATION L0003354      VOLUME  496074.226 3602808.067 0.0
LOCATION L0003355      VOLUME  496083.335 3602857.230 0.0
LOCATION L0003356      VOLUME  496092.443 3602906.393 0.0
LOCATION L0003357      VOLUME  496101.552 3602955.557 0.0
LOCATION L0003358      VOLUME  496110.660 3603004.720 0.0
LOCATION L0003359      VOLUME  496119.769 3603053.883 0.0
LOCATION L0003360      VOLUME  496128.877 3603103.047 0.0
LOCATION L0003361      VOLUME  496137.986 3603152.210 0.0
LOCATION L0003362      VOLUME  496147.094 3603201.373 0.0
LOCATION L0003363      VOLUME  496156.203 3603250.537 0.0
LOCATION L0003364      VOLUME  496165.312 3603299.700 0.0
LOCATION L0003365      VOLUME  496174.420 3603348.863 0.0
LOCATION L0003366      VOLUME  496183.529 3603398.027 0.0
** End of LINE VOLUME Source ID = I_805_B

```

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SR_125_A
** DESCRSRC SR-125 I-905 to Lone Star
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 133.2641598
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 15
** 505216.55, 3602535.67, 0.00, 4.27, 0.00
** 505208.82, 3602550.85, 0.00, 4.27, 23.26
** 505179.25, 3602619.06, 0.00, 4.27, 23.26
** 505156.13, 3602748.82, 0.00, 4.27, 23.26
** 505159.89, 3602881.66, 0.00, 4.27, 23.26
** 505137.33, 3603019.51, 0.00, 4.27, 23.26
** 505103.49, 3603121.02, 0.00, 4.27, 23.26
** 504989.45, 3603258.87, 0.00, 4.27, 23.26
** 504812.76, 3603362.88, 0.00, 4.27, 23.26
** 504756.06, 3603552.47, 0.00, 4.27, 23.26
** 504693.64, 3603722.94, 0.00, 4.27, 23.26
** 504609.05, 3603856.80, 0.00, 4.27, 23.26
** 504487.60, 3603989.97, 0.00, 4.27, 23.26
** 504369.35, 3604092.24, 0.00, 4.27, 23.26
** 503730.11, 3604589.33, 0.00, 4.27, 23.26
**

```

```

-----
LOCATION L0003367      VOLUME  505205.653 3602558.161 0.0
LOCATION L0003368      VOLUME  505185.763 3602604.035 0.0
LOCATION L0003369      VOLUME  505173.350 3602652.162 0.0
LOCATION L0003370      VOLUME  505164.579 3602701.386 0.0
LOCATION L0003371      VOLUME  505156.179 3602750.639 0.0
LOCATION L0003372      VOLUME  505157.593 3602800.619 0.0
LOCATION L0003373      VOLUME  505159.008 3602850.599 0.0
LOCATION L0003374      VOLUME  505156.830 3602900.338 0.0
LOCATION L0003375      VOLUME  505148.756 3602949.681 0.0
LOCATION L0003376      VOLUME  505140.681 3602999.025 0.0
LOCATION L0003377      VOLUME  505128.082 3603047.252 0.0
LOCATION L0003378      VOLUME  505112.270 3603094.686 0.0
LOCATION L0003379      VOLUME  505089.314 3603138.157 0.0
LOCATION L0003380      VOLUME  505057.442 3603176.682 0.0
LOCATION L0003381      VOLUME  505025.571 3603215.208 0.0
LOCATION L0003382      VOLUME  504993.700 3603253.734 0.0
LOCATION L0003383      VOLUME  504952.105 3603280.851 0.0
LOCATION L0003384      VOLUME  504909.016 3603306.216 0.0
LOCATION L0003385      VOLUME  504865.928 3603331.580 0.0
LOCATION L0003386      VOLUME  504822.839 3603356.944 0.0
LOCATION L0003387      VOLUME  504801.783 3603399.574 0.0
LOCATION L0003388      VOLUME  504787.457 3603447.478 0.0
LOCATION L0003389      VOLUME  504773.132 3603495.382 0.0
LOCATION L0003390      VOLUME  504758.806 3603543.286 0.0
LOCATION L0003391      VOLUME  504742.163 3603590.419 0.0
LOCATION L0003392      VOLUME  504724.970 3603637.370 0.0
LOCATION L0003393      VOLUME  504707.776 3603684.321 0.0
LOCATION L0003394      VOLUME  504688.894 3603730.441 0.0
LOCATION L0003395      VOLUME  504662.184 3603772.709 0.0
LOCATION L0003396      VOLUME  504635.475 3603814.978 0.0
LOCATION L0003397      VOLUME  504608.692 3603857.190 0.0
LOCATION L0003398      VOLUME  504575.000 3603894.133 0.0
LOCATION L0003399      VOLUME  504541.307 3603931.077 0.0
LOCATION L0003400      VOLUME  504507.615 3603968.020 0.0

```


LOCATION	VOLUME				
L0003401	504472.247	3604003.244	0.0		
L0003402	504434.429	3604035.952	0.0		
L0003403	504396.611	3604068.659	0.0		
L0003404	504358.332	3604100.805	0.0		
L0003405	504318.862	3604131.498	0.0		
L0003406	504279.391	3604162.192	0.0		
L0003407	504239.921	3604192.885	0.0		
L0003408	504200.451	3604223.579	0.0		
L0003409	504160.980	3604254.273	0.0		
L0003410	504121.510	3604284.966	0.0		
L0003411	504082.040	3604315.660	0.0		
L0003412	504042.569	3604346.353	0.0		
L0003413	504003.099	3604377.047	0.0		
L0003414	503963.629	3604407.740	0.0		
L0003415	503924.158	3604438.434	0.0		
L0003416	503884.688	3604469.127	0.0		
L0003417	503845.218	3604499.821	0.0		
L0003418	503805.747	3604530.514	0.0		
L0003419	503766.277	3604561.208	0.0		

** End of LINE VOLUME Source ID = SR_125_A

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SR_125_B

** DESCRSRC SR-125 Lonestar to Birch

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 179.4090385

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 16

** 503732.02, 3604588.33, 0.00, 4.27, 23.26
** 503641.63, 3604670.27, 0.00, 4.27, 23.26
** 503499.13, 3604838.92, 0.00, 4.27, 23.26
** 503415.86, 3604960.59, 0.00, 4.27, 23.26
** 503332.13, 3605119.23, 0.00, 4.27, 23.26
** 503287.01, 3605229.39, 0.00, 4.27, 23.26
** 503244.01, 3605347.27, 0.00, 4.27, 23.26
** 503209.31, 3605475.96, 0.00, 4.27, 23.26
** 503184.71, 3605619.41, 0.00, 4.27, 23.26
** 503173.79, 3605712.19, 0.00, 4.27, 23.26
** 503185.97, 3606077.43, 0.00, 4.27, 23.26
** 503345.61, 3606634.50, 0.00, 4.27, 23.26
** 503362.60, 3606848.49, 0.00, 4.27, 23.26
** 503365.99, 3607001.34, 0.00, 4.27, 23.26
** 503352.41, 3607188.16, 0.00, 4.27, 23.26
** 503315.04, 3607358.00, 0.00, 4.27, 23.26

** -----

LOCATION	VOLUME				
L0003420	503713.494	3604605.122	0.0		
L0003421	503676.452	3604638.706	0.0		
L0003422	503639.696	3604672.567	0.0		
L0003423	503607.425	3604710.758	0.0		
L0003424	503575.154	3604748.949	0.0		
L0003425	503542.883	3604787.140	0.0		
L0003426	503510.612	3604825.331	0.0		
L0003427	503480.937	3604865.500	0.0		
L0003428	503452.697	3604906.762	0.0		
L0003429	503424.457	3604948.023	0.0		
L0003430	503399.626	3604991.341	0.0		
L0003431	503376.288	3605035.561	0.0		

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0003432	503352.950	3605079.780	0.0	
L0003433	503330.086	3605124.220	0.0	
L0003434	503311.133	3605170.489	0.0	
L0003435	503292.181	3605216.758	0.0	
L0003436	503274.550	3605263.539	0.0	
L0003437	503257.416	3605310.511	0.0	
L0003438	503241.176	3605357.767	0.0	
L0003439	503228.160	3605406.043	0.0	
L0003440	503215.143	3605454.319	0.0	
L0003441	503204.646	3605503.149	0.0	
L0003442	503196.195	3605552.430	0.0	
L0003443	503187.744	3605601.710	0.0	
L0003444	503180.965	3605651.232	0.0	
L0003445	503175.123	3605700.890	0.0	
L0003446	503175.080	3605750.790	0.0	
L0003447	503176.746	3605800.763	0.0	
L0003448	503178.411	3605850.735	0.0	
L0003449	503180.077	3605900.707	0.0	
L0003450	503181.742	3605950.680	0.0	
L0003451	503183.407	3606000.652	0.0	
L0003452	503185.073	3606050.624	0.0	
L0003453	503192.351	3606099.712	0.0	
L0003454	503206.126	3606147.777	0.0	
L0003455	503219.900	3606195.843	0.0	
L0003456	503233.675	3606243.908	0.0	
L0003457	503247.450	3606291.973	0.0	
L0003458	503261.225	3606340.038	0.0	
L0003459	503274.999	3606388.103	0.0	
L0003460	503288.774	3606436.168	0.0	
L0003461	503302.549	3606484.233	0.0	
L0003462	503316.324	3606532.298	0.0	
L0003463	503330.098	3606580.364	0.0	
L0003464	503343.873	3606628.429	0.0	
L0003465	503349.069	3606678.047	0.0	
L0003466	503353.024	3606727.891	0.0	
L0003467	503356.980	3606777.734	0.0	
L0003468	503360.936	3606827.577	0.0	
L0003469	503363.241	3606877.504	0.0	
L0003470	503364.351	3606927.492	0.0	
L0003471	503365.462	3606977.480	0.0	
L0003472	503364.097	3607027.405	0.0	
L0003473	503360.470	3607077.273	0.0	
L0003474	503356.843	3607127.142	0.0	
L0003475	503353.217	3607177.010	0.0	
L0003476	503344.065	3607226.074	0.0	
L0003477	503333.322	3607274.906	0.0	
L0003478	503322.579	3607323.738	0.0	

```

** End of LINE VOLUME Source ID = SR_125_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_G
** DESCRSRC Otay Mesa Rd La Media to Peter Piper
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 116.8224778
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503536.85, 3603371.47, 0.00, 4.27, 18.60

```

```

** 504346.71, 3603357.97, 0.00, 4.27, 18.60
** -----
LOCATION L0003697      VOLUME  503556.849 3603371.139 0.0
LOCATION L0003698      VOLUME  503596.843 3603370.472 0.0
LOCATION L0003699      VOLUME  503636.838 3603369.805 0.0
LOCATION L0003700      VOLUME  503676.832 3603369.138 0.0
LOCATION L0003701      VOLUME  503716.827 3603368.472 0.0
LOCATION L0003702      VOLUME  503756.821 3603367.805 0.0
LOCATION L0003703      VOLUME  503796.815 3603367.138 0.0
LOCATION L0003704      VOLUME  503836.810 3603366.471 0.0
LOCATION L0003705      VOLUME  503876.804 3603365.805 0.0
LOCATION L0003706      VOLUME  503916.799 3603365.138 0.0
LOCATION L0003707      VOLUME  503956.793 3603364.471 0.0
LOCATION L0003708      VOLUME  503996.788 3603363.804 0.0
LOCATION L0003709      VOLUME  504036.782 3603363.138 0.0
LOCATION L0003710      VOLUME  504076.777 3603362.471 0.0
LOCATION L0003711      VOLUME  504116.771 3603361.804 0.0
LOCATION L0003712      VOLUME  504156.765 3603361.137 0.0
LOCATION L0003713      VOLUME  504196.760 3603360.471 0.0
LOCATION L0003714      VOLUME  504236.754 3603359.804 0.0
LOCATION L0003715      VOLUME  504276.749 3603359.137 0.0
LOCATION L0003716      VOLUME  504316.743 3603358.470 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_G
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_MESA_H
** DESCRSRC Otay Mesa Rd Peter Piper to SR-125
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 61.65630771
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 504346.91, 3603357.30, 0.00, 4.27, 18.60
** 504818.32, 3603354.57, 0.00, 4.27, 18.60
** -----
LOCATION L0003717      VOLUME  504366.905 3603357.187 0.0
LOCATION L0003718      VOLUME  504406.904 3603356.956 0.0
LOCATION L0003719      VOLUME  504446.903 3603356.724 0.0
LOCATION L0003720      VOLUME  504486.903 3603356.492 0.0
LOCATION L0003721      VOLUME  504526.902 3603356.260 0.0
LOCATION L0003722      VOLUME  504566.901 3603356.028 0.0
LOCATION L0003723      VOLUME  504606.901 3603355.796 0.0
LOCATION L0003724      VOLUME  504646.900 3603355.565 0.0
LOCATION L0003725      VOLUME  504686.899 3603355.333 0.0
LOCATION L0003726      VOLUME  504726.899 3603355.101 0.0
LOCATION L0003727      VOLUME  504766.898 3603354.869 0.0
LOCATION L0003728      VOLUME  504806.897 3603354.637 0.0
** End of LINE VOLUME Source ID = OTAY_MESA_H
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = AIRWAY_A
** DESCRSRC Airway Rd Cactus to Heritage
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 130.8844427
** Vertical Dimension = 12.80
** SZINIT = 5.95

```

```

** Nodes = 11
** 501090.80, 3602603.27, 0.00, 4.27, 18.60
** 501009.15, 3602602.87, 0.00, 4.27, 18.60
** 500877.77, 3602601.66, 0.00, 4.27, 18.60
** 500791.49, 3602586.75, 0.00, 4.27, 18.60
** 500741.51, 3602568.32, 0.00, 4.27, 18.60
** 500680.50, 3602535.50, 0.00, 4.27, 18.60
** 500608.78, 3602491.74, 0.00, 4.27, 18.60
** 500547.64, 3602469.68, 0.00, 4.27, 18.60
** 500476.05, 3602454.77, 0.00, 4.27, 18.60
** 500380.83, 3602450.58, 0.00, 4.27, 18.60
** 500285.92, 3602449.79, 0.00, 4.27, 18.60

```

```

-----
LOCATION L0003729      VOLUME  501070.800 3602603.168 0.0
LOCATION L0003730      VOLUME  501030.800 3602602.972 0.0
LOCATION L0003731      VOLUME  500990.801 3602602.697 0.0
LOCATION L0003732      VOLUME  500950.803 3602602.330 0.0
LOCATION L0003733      VOLUME  500910.805 3602601.962 0.0
LOCATION L0003734      VOLUME  500870.908 3602600.474 0.0
LOCATION L0003735      VOLUME  500831.492 3602593.663 0.0
LOCATION L0003736      VOLUME  500792.076 3602586.851 0.0
LOCATION L0003737      VOLUME  500754.518 3602573.118 0.0
LOCATION L0003738      VOLUME  500718.494 3602555.938 0.0
LOCATION L0003739      VOLUME  500683.269 3602536.986 0.0
LOCATION L0003740      VOLUME  500649.036 3602516.303 0.0
LOCATION L0003741      VOLUME  500614.888 3602495.472 0.0
LOCATION L0003742      VOLUME  500577.886 3602480.595 0.0
LOCATION L0003743      VOLUME  500539.961 3602468.078 0.0
LOCATION L0003744      VOLUME  500500.801 3602459.922 0.0
LOCATION L0003745      VOLUME  500461.346 3602454.122 0.0
LOCATION L0003746      VOLUME  500421.385 3602452.365 0.0
LOCATION L0003747      VOLUME  500381.424 3602450.609 0.0
LOCATION L0003748      VOLUME  500341.425 3602450.254 0.0
LOCATION L0003749      VOLUME  500301.427 3602449.920 0.0

```

```

** End of LINE VOLUME Source ID = AIRWAY_A

```

```

-----

```

```

** Line Source Represented by Adjacent Volume Sources

```

```

** LINE VOLUME Source ID = SEMPRE_A

```

```

** DESCRSRC Simpre Viva Rd Paseo de las Americas to SR-905

```

```

** PREFIX

```

```

** Length of Side = 40.00

```

```

** Configuration = Adjacent

```

```

** Emission Rate = 136.2928907

```

```

** Vertical Dimension = 12.80

```

```

** SZINIT = 5.95

```

```

** Nodes = 6

```

```

** 506013.40, 3602159.82, 0.00, 4.27, 18.60
** 505963.36, 3602159.59, 0.00, 4.27, 18.60
** 505900.59, 3602152.40, 0.00, 4.27, 18.60
** 505861.29, 3602142.26, 0.00, 4.27, 18.60
** 505820.91, 3602118.56, 0.00, 4.27, 18.60
** 505643.93, 3601999.70, 0.00, 4.27, 18.60

```

```

-----
LOCATION L0003750      VOLUME  505993.399 3602159.729 0.0
LOCATION L0003751      VOLUME  505953.464 3602158.452 0.0
LOCATION L0003752      VOLUME  505913.724 3602153.901 0.0
LOCATION L0003753      VOLUME  505874.659 3602145.706 0.0
LOCATION L0003754      VOLUME  505838.700 3602128.999 0.0
LOCATION L0003755      VOLUME  505804.828 3602107.757 0.0
LOCATION L0003756      VOLUME  505771.622 3602085.456 0.0

```

```

LOCATION L0003757      VOLUME    505738.415 3602063.156 0.0
LOCATION L0003758      VOLUME    505705.208 3602040.855 0.0
LOCATION L0003759      VOLUME    505672.001 3602018.555 0.0
** End of LINE VOLUME Source ID = SEMPRE_A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SIMPRE_B
** DESCRSRC Simpre Viva Rd I-905 to Otay Center
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 129.8027531
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 6
** 505643.80, 3601999.73, 0.00, 4.27, 18.60
** 505411.63, 3601836.76, 0.00, 4.27, 18.60
** 505322.64, 3601784.06, 0.00, 4.27, 18.60
** 505279.51, 3601764.21, 0.00, 4.27, 18.60
** 505183.00, 3601738.88, 0.00, 4.27, 18.60
** 505146.03, 3601738.88, 0.00, 4.27, 18.60
** -----
LOCATION L0003760      VOLUME    505627.431 3601988.237 0.0
LOCATION L0003761      VOLUME    505594.691 3601965.257 0.0
LOCATION L0003762      VOLUME    505561.951 3601942.277 0.0
LOCATION L0003763      VOLUME    505529.211 3601919.296 0.0
LOCATION L0003764      VOLUME    505496.471 3601896.316 0.0
LOCATION L0003765      VOLUME    505463.731 3601873.336 0.0
LOCATION L0003766      VOLUME    505430.991 3601850.356 0.0
LOCATION L0003767      VOLUME    505397.566 3601828.436 0.0
LOCATION L0003768      VOLUME    505363.150 3601808.051 0.0
LOCATION L0003769      VOLUME    505328.734 3601787.666 0.0
LOCATION L0003770      VOLUME    505292.739 3601770.292 0.0
LOCATION L0003771      VOLUME    505254.906 3601757.747 0.0
LOCATION L0003772      VOLUME    505216.216 3601747.595 0.0
LOCATION L0003773      VOLUME    505177.341 3601738.878 0.0
** End of LINE VOLUME Source ID = SIMPRE_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OTAY_VLLY_A
** DESCRSRC Otay Valley Rd Main to Avenida De Las Vista
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 179.5604751
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 6
** 499484.79, 3606165.58, 0.00, 4.27, 23.26
** 499736.78, 3605436.57, 0.00, 4.27, 23.26
** 499824.09, 3605382.01, 0.00, 4.27, 23.26
** 499917.94, 3605161.55, 0.00, 4.27, 23.26
** 499922.31, 3604862.52, 0.00, 4.27, 23.26
** 499963.78, 3604674.81, 0.00, 4.27, 23.26
** -----
LOCATION L0003774      VOLUME    499492.958 3606141.952 0.0
LOCATION L0003775      VOLUME    499509.292 3606094.695 0.0
LOCATION L0003776      VOLUME    499525.627 3606047.439 0.0
LOCATION L0003777      VOLUME    499541.961 3606000.182 0.0
LOCATION L0003778      VOLUME    499558.296 3605952.926 0.0

```

LOCATION	VOLUME				
L0003779	499574.631	3605905.669	0.0		
L0003780	499590.965	3605858.413	0.0		
L0003781	499607.300	3605811.156	0.0		
L0003782	499623.635	3605763.900	0.0		
L0003783	499639.969	3605716.643	0.0		
L0003784	499656.304	3605669.387	0.0		
L0003785	499672.639	3605622.130	0.0		
L0003786	499688.973	3605574.874	0.0		
L0003787	499705.308	3605527.617	0.0		
L0003788	499721.643	3605480.361	0.0		
L0003789	499739.892	3605434.628	0.0		
L0003790	499782.291	3605408.129	0.0		
L0003791	499824.366	3605381.350	0.0		
L0003792	499843.952	3605335.346	0.0		
L0003793	499863.538	3605289.342	0.0		
L0003794	499883.124	3605243.337	0.0		
L0003795	499902.710	3605197.333	0.0		
L0003796	499918.105	3605150.442	0.0		
L0003797	499918.834	3605100.447	0.0		
L0003798	499919.564	3605050.453	0.0		
L0003799	499920.294	3605000.458	0.0		
L0003800	499921.024	3604950.463	0.0		
L0003801	499921.754	3604900.469	0.0		
L0003802	499924.907	3604850.756	0.0		
L0003803	499935.694	3604801.934	0.0		
L0003804	499946.480	3604753.111	0.0		
L0003805	499957.267	3604704.288	0.0		

** End of LINE VOLUME Source ID = OTAY_VLLY_A

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = OTAYVLLY_B

** DESCRSRC Otay Valley Rd - Avenida De Las Vistas to Datsun St

** PREFIX

** Length of Side = 50.00

** Configuration = Adjacent

** Emission Rate = 163.335131

** Vertical Dimension = 12.80

** SZINIT = 5.95

** Nodes = 3

** 499963.81, 3604674.58, 0.00, 4.27, 23.26

** 500127.01, 3604037.48, 0.00, 4.27, 23.26

** 500192.82, 3603832.01, 0.00, 4.27, 23.26

** -----

LOCATION	VOLUME				
L0003806	499970.016	3604650.363	0.0		
L0003807	499982.424	3604601.927	0.0		
L0003808	499994.831	3604553.491	0.0		
L0003809	500007.238	3604505.054	0.0		
L0003810	500019.645	3604456.618	0.0		
L0003811	500032.052	3604408.182	0.0		
L0003812	500044.459	3604359.746	0.0		
L0003813	500056.867	3604311.310	0.0		
L0003814	500069.274	3604262.874	0.0		
L0003815	500081.681	3604214.437	0.0		
L0003816	500094.088	3604166.001	0.0		
L0003817	500106.495	3604117.565	0.0		
L0003818	500118.903	3604069.129	0.0		
L0003819	500132.296	3604020.977	0.0		
L0003820	500147.548	3603973.360	0.0		
L0003821	500162.800	3603925.743	0.0		
L0003822	500178.052	3603878.126	0.0		


```

** End of LINE VOLUME Source ID = OTAYVLLY_B
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = BRITANNIA
** DESCRSRC Britannia Rd I-905 to Airway Rd
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 136.2928907
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 501899.95, 3602983.67, 0.00, 0.00, 18.60
** 501897.37, 3602585.68, 0.00, 0.00, 18.60
** -----
LOCATION L0003823      VOLUME  501899.819 3602963.673 0.0
LOCATION L0003824      VOLUME  501899.560 3602923.674 0.0
LOCATION L0003825      VOLUME  501899.300 3602883.675 0.0
LOCATION L0003826      VOLUME  501899.041 3602843.676 0.0
LOCATION L0003827      VOLUME  501898.781 3602803.677 0.0
LOCATION L0003828      VOLUME  501898.521 3602763.677 0.0
LOCATION L0003829      VOLUME  501898.262 3602723.678 0.0
LOCATION L0003830      VOLUME  501898.002 3602683.679 0.0
LOCATION L0003831      VOLUME  501897.743 3602643.680 0.0
LOCATION L0003832      VOLUME  501897.483 3602603.681 0.0
** End of LINE VOLUME Source ID = BRITANNIA
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = LA_MEDIA
** DESCRSRC La Media Rd I-905 to Airway Rd
** PREFIX
** Length of Side = 40.00
** Configuration = Adjacent
** Emission Rate = 138.4562699
** Vertical Dimension = 12.80
** SZINIT = 5.95
** Nodes = 2
** 503523.52, 3602979.00, 0.00, 4.27, 18.60
** 503531.27, 3602574.83, 0.00, 4.27, 18.60
** -----
LOCATION L0003851      VOLUME  503523.903 3602959.008 0.0
LOCATION L0003852      VOLUME  503524.671 3602919.015 0.0
LOCATION L0003853      VOLUME  503525.438 3602879.023 0.0
LOCATION L0003854      VOLUME  503526.205 3602839.030 0.0
LOCATION L0003855      VOLUME  503526.973 3602799.038 0.0
LOCATION L0003856      VOLUME  503527.740 3602759.045 0.0
LOCATION L0003857      VOLUME  503528.508 3602719.052 0.0
LOCATION L0003858      VOLUME  503529.275 3602679.060 0.0
LOCATION L0003859      VOLUME  503530.042 3602639.067 0.0
LOCATION L0003860      VOLUME  503530.810 3602599.074 0.0
** End of LINE VOLUME Source ID = LA_MEDIA
** Source Parameters **
** LINE VOLUME Source ID = I_905_A
SRCPARAM L0002912      6.202      4.27      23.26      5.95
SRCPARAM L0002913      6.202      4.27      23.26      5.95
SRCPARAM L0002914      6.202      4.27      23.26      5.95
SRCPARAM L0002915      6.202      4.27      23.26      5.95
SRCPARAM L0002916      6.202      4.27      23.26      5.95
SRCPARAM L0002917      6.202      4.27      23.26      5.95
SRCPARAM L0002918      6.202      4.27      23.26      5.95

```

SRCPARAM	L0002919	6.202	4.27	23.26	5.95
SRCPARAM	L0002920	6.202	4.27	23.26	5.95
SRCPARAM	L0002921	6.202	4.27	23.26	5.95
SRCPARAM	L0002922	6.202	4.27	23.26	5.95
SRCPARAM	L0002923	6.202	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_905_B

SRCPARAM	L0002924	8.159	4.27	23.26	5.95
SRCPARAM	L0002925	8.159	4.27	23.26	5.95
SRCPARAM	L0002926	8.159	4.27	23.26	5.95
SRCPARAM	L0002927	8.159	4.27	23.26	5.95
SRCPARAM	L0002928	8.159	4.27	23.26	5.95
SRCPARAM	L0002929	8.159	4.27	23.26	5.95
SRCPARAM	L0002930	8.159	4.27	23.26	5.95
SRCPARAM	L0002931	8.159	4.27	23.26	5.95
SRCPARAM	L0002932	8.159	4.27	23.26	5.95
SRCPARAM	L0002933	8.159	4.27	23.26	5.95
SRCPARAM	L0002934	8.159	4.27	23.26	5.95
SRCPARAM	L0002935	8.159	4.27	23.26	5.95
SRCPARAM	L0002936	8.159	4.27	23.26	5.95
SRCPARAM	L0002937	8.159	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_905_C

SRCPARAM	L0002938	3.228	4.27	23.26	5.95
SRCPARAM	L0002939	3.228	4.27	23.26	5.95
SRCPARAM	L0002940	3.228	4.27	23.26	5.95
SRCPARAM	L0002941	3.228	4.27	23.26	5.95
SRCPARAM	L0002942	3.228	4.27	23.26	5.95
SRCPARAM	L0002943	3.228	4.27	23.26	5.95
SRCPARAM	L0002944	3.228	4.27	23.26	5.95
SRCPARAM	L0002945	3.228	4.27	23.26	5.95
SRCPARAM	L0002946	3.228	4.27	23.26	5.95
SRCPARAM	L0002947	3.228	4.27	23.26	5.95
SRCPARAM	L0002948	3.228	4.27	23.26	5.95
SRCPARAM	L0002949	3.228	4.27	23.26	5.95
SRCPARAM	L0002950	3.228	4.27	23.26	5.95
SRCPARAM	L0002951	3.228	4.27	23.26	5.95
SRCPARAM	L0002952	3.228	4.27	23.26	5.95
SRCPARAM	L0002953	3.228	4.27	23.26	5.95
SRCPARAM	L0002954	3.228	4.27	23.26	5.95
SRCPARAM	L0002955	3.228	4.27	23.26	5.95
SRCPARAM	L0002956	3.228	4.27	23.26	5.95
SRCPARAM	L0002957	3.228	4.27	23.26	5.95
SRCPARAM	L0002958	3.228	4.27	23.26	5.95
SRCPARAM	L0002959	3.228	4.27	23.26	5.95
SRCPARAM	L0002960	3.228	4.27	23.26	5.95
SRCPARAM	L0002961	3.228	4.27	23.26	5.95
SRCPARAM	L0002962	3.228	4.27	23.26	5.95
SRCPARAM	L0002963	3.228	4.27	23.26	5.95
SRCPARAM	L0002964	3.228	4.27	23.26	5.95
SRCPARAM	L0002965	3.228	4.27	23.26	5.95
SRCPARAM	L0002966	3.228	4.27	23.26	5.95
SRCPARAM	L0002967	3.228	4.27	23.26	5.95
SRCPARAM	L0002968	3.228	4.27	23.26	5.95
SRCPARAM	L0002969	3.228	4.27	23.26	5.95
SRCPARAM	L0002970	3.228	4.27	23.26	5.95
SRCPARAM	L0002971	3.228	4.27	23.26	5.95
SRCPARAM	L0002972	3.228	4.27	23.26	5.95
SRCPARAM	L0002973	3.228	4.27	23.26	5.95
SRCPARAM	L0002974	3.228	4.27	23.26	5.95


```

** -----
** LINE VOLUME Source ID = I_905_H
SRCPARAM L0003123      6.219      0.00      23.26      5.95
SRCPARAM L0003124      6.219      0.00      23.26      5.95
SRCPARAM L0003125      6.219      0.00      23.26      5.95
SRCPARAM L0003126      6.219      0.00      23.26      5.95
SRCPARAM L0003127      6.219      0.00      23.26      5.95
SRCPARAM L0003128      6.219      0.00      23.26      5.95
SRCPARAM L0003129      6.219      0.00      23.26      5.95
SRCPARAM L0003130      6.219      0.00      23.26      5.95
SRCPARAM L0003131      6.219      0.00      23.26      5.95
SRCPARAM L0003132      6.219      0.00      23.26      5.95
SRCPARAM L0003133      6.219      0.00      23.26      5.95
SRCPARAM L0003134      6.219      0.00      23.26      5.95
SRCPARAM L0003135      6.219      0.00      23.26      5.95
SRCPARAM L0003136      6.219      0.00      23.26      5.95
SRCPARAM L0003137      6.219      0.00      23.26      5.95
SRCPARAM L0003138      6.219      0.00      23.26      5.95
SRCPARAM L0003139      6.219      0.00      23.26      5.95
SRCPARAM L0003140      6.219      0.00      23.26      5.95
SRCPARAM L0003141      6.219      0.00      23.26      5.95
SRCPARAM L0003142      6.219      0.00      23.26      5.95
SRCPARAM L0003143      6.219      0.00      23.26      5.95
SRCPARAM L0003144      6.219      0.00      23.26      5.95
SRCPARAM L0003145      6.219      0.00      23.26      5.95
SRCPARAM L0003146      6.219      0.00      23.26      5.95
SRCPARAM L0003147      6.219      0.00      23.26      5.95
SRCPARAM L0003148      6.219      0.00      23.26      5.95
SRCPARAM L0003149      6.219      0.00      23.26      5.95
SRCPARAM L0003150      6.219      0.00      23.26      5.95
SRCPARAM L0003151      6.219      0.00      23.26      5.95
SRCPARAM L0003152      6.219      0.00      23.26      5.95
SRCPARAM L0003153      6.219      0.00      23.26      5.95
SRCPARAM L0003154      6.219      0.00      23.26      5.95
SRCPARAM L0003155      6.219      0.00      23.26      5.95
SRCPARAM L0003156      6.219      0.00      23.26      5.95
SRCPARAM L0003157      6.219      0.00      23.26      5.95
SRCPARAM L0003158      6.219      0.00      23.26      5.95
SRCPARAM L0003159      6.219      0.00      23.26      5.95
SRCPARAM L0003160      6.219      0.00      23.26      5.95
SRCPARAM L0003161      6.219      0.00      23.26      5.95
SRCPARAM L0003162      6.219      0.00      23.26      5.95
SRCPARAM L0003163      6.219      0.00      23.26      5.95

```

```

** -----
** LINE VOLUME Source ID = I_805_C
SRCPARAM L0003265      7.318      4.27      23.26      5.95
SRCPARAM L0003266      7.318      4.27      23.26      5.95
SRCPARAM L0003267      7.318      4.27      23.26      5.95
SRCPARAM L0003268      7.318      4.27      23.26      5.95
SRCPARAM L0003269      7.318      4.27      23.26      5.95
SRCPARAM L0003270      7.318      4.27      23.26      5.95
SRCPARAM L0003271      7.318      4.27      23.26      5.95
SRCPARAM L0003272      7.318      4.27      23.26      5.95
SRCPARAM L0003273      7.318      4.27      23.26      5.95
SRCPARAM L0003274      7.318      4.27      23.26      5.95
SRCPARAM L0003275      7.318      4.27      23.26      5.95
SRCPARAM L0003276      7.318      4.27      23.26      5.95
SRCPARAM L0003277      7.318      4.27      23.26      5.95
SRCPARAM L0003278      7.318      4.27      23.26      5.95
SRCPARAM L0003279      7.318      4.27      23.26      5.95

```

SRCPARAM	L0003280	7.318	4.27	23.26	5.95
SRCPARAM	L0003281	7.318	4.27	23.26	5.95
SRCPARAM	L0003282	7.318	4.27	23.26	5.95
SRCPARAM	L0003283	7.318	4.27	23.26	5.95
SRCPARAM	L0003284	7.318	4.27	23.26	5.95
SRCPARAM	L0003285	7.318	4.27	23.26	5.95
SRCPARAM	L0003286	7.318	4.27	23.26	5.95
SRCPARAM	L0003287	7.318	4.27	23.26	5.95
SRCPARAM	L0003288	7.318	4.27	23.26	5.95
SRCPARAM	L0003289	7.318	4.27	23.26	5.95
SRCPARAM	L0003290	7.318	4.27	23.26	5.95
SRCPARAM	L0003291	7.318	4.27	23.26	5.95
SRCPARAM	L0003292	7.318	4.27	23.26	5.95
SRCPARAM	L0003293	7.318	4.27	23.26	5.95
SRCPARAM	L0003294	7.318	4.27	23.26	5.95
SRCPARAM	L0003295	7.318	4.27	23.26	5.95
SRCPARAM	L0003296	7.318	4.27	23.26	5.95
SRCPARAM	L0003297	7.318	4.27	23.26	5.95
SRCPARAM	L0003298	7.318	4.27	23.26	5.95
SRCPARAM	L0003299	7.318	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_D

SRCPARAM	L0003300	11.45	4.27	23.26	5.95
SRCPARAM	L0003301	11.45	4.27	23.26	5.95
SRCPARAM	L0003302	11.45	4.27	23.26	5.95
SRCPARAM	L0003303	11.45	4.27	23.26	5.95
SRCPARAM	L0003304	11.45	4.27	23.26	5.95
SRCPARAM	L0003305	11.45	4.27	23.26	5.95
SRCPARAM	L0003306	11.45	4.27	23.26	5.95
SRCPARAM	L0003307	11.45	4.27	23.26	5.95
SRCPARAM	L0003308	11.45	4.27	23.26	5.95
SRCPARAM	L0003309	11.45	4.27	23.26	5.95
SRCPARAM	L0003310	11.45	4.27	23.26	5.95
SRCPARAM	L0003311	11.45	4.27	23.26	5.95
SRCPARAM	L0003312	11.45	4.27	23.26	5.95
SRCPARAM	L0003313	11.45	4.27	23.26	5.95
SRCPARAM	L0003314	11.45	4.27	23.26	5.95
SRCPARAM	L0003315	11.45	4.27	23.26	5.95
SRCPARAM	L0003316	11.45	4.27	23.26	5.95
SRCPARAM	L0003317	11.45	4.27	23.26	5.95
SRCPARAM	L0003318	11.45	4.27	23.26	5.95
SRCPARAM	L0003319	11.45	4.27	23.26	5.95
SRCPARAM	L0003320	11.45	4.27	23.26	5.95
SRCPARAM	L0003321	11.45	4.27	23.26	5.95
SRCPARAM	L0003322	11.45	4.27	23.26	5.95
SRCPARAM	L0003323	11.45	4.27	23.26	5.95
SRCPARAM	L0003324	11.45	4.27	23.26	5.95

**

** LINE VOLUME Source ID = OTAY_MEASA_A

SRCPARAM	L0003510	7.842	4.27	18.60	5.95
SRCPARAM	L0003511	7.842	4.27	18.60	5.95
SRCPARAM	L0003512	7.842	4.27	18.60	5.95
SRCPARAM	L0003513	7.842	4.27	18.60	5.95
SRCPARAM	L0003514	7.842	4.27	18.60	5.95
SRCPARAM	L0003515	7.842	4.27	18.60	5.95
SRCPARAM	L0003516	7.842	4.27	18.60	5.95
SRCPARAM	L0003517	7.842	4.27	18.60	5.95
SRCPARAM	L0003518	7.842	4.27	18.60	5.95
SRCPARAM	L0003519	7.842	4.27	18.60	5.95
SRCPARAM	L0003520	7.842	4.27	18.60	5.95

SRCPARAM	L0003521	7.842	4.27	18.60	5.95
SRCPARAM	L0003522	7.842	4.27	18.60	5.95
SRCPARAM	L0003523	7.842	4.27	18.60	5.95
SRCPARAM	L0003524	7.842	4.27	18.60	5.95
SRCPARAM	L0003525	7.842	4.27	18.60	5.95
SRCPARAM	L0003526	7.842	4.27	18.60	5.95
SRCPARAM	L0003527	7.842	4.27	18.60	5.95
SRCPARAM	L0003528	7.842	4.27	18.60	5.95
SRCPARAM	L0003529	7.842	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = OTAY_MESA_B				
SRCPARAM	L0003530	11.14	4.27	18.60	5.95
SRCPARAM	L0003531	11.14	4.27	18.60	5.95
SRCPARAM	L0003532	11.14	4.27	18.60	5.95
SRCPARAM	L0003533	11.14	4.27	18.60	5.95
SRCPARAM	L0003534	11.14	4.27	18.60	5.95
SRCPARAM	L0003535	11.14	4.27	18.60	5.95
SRCPARAM	L0003536	11.14	4.27	18.60	5.95
SRCPARAM	L0003537	11.14	4.27	18.60	5.95
SRCPARAM	L0003538	11.14	4.27	18.60	5.95
SRCPARAM	L0003539	11.14	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = OTAY_MES_C				
SRCPARAM	L0003540	10.06	4.27	18.60	5.95
SRCPARAM	L0003541	10.06	4.27	18.60	5.95
SRCPARAM	L0003542	10.06	4.27	18.60	5.95
SRCPARAM	L0003543	10.06	4.27	18.60	5.95
SRCPARAM	L0003544	10.06	4.27	18.60	5.95
SRCPARAM	L0003545	10.06	4.27	18.60	5.95
SRCPARAM	L0003546	10.06	4.27	18.60	5.95
SRCPARAM	L0003547	10.06	4.27	18.60	5.95
SRCPARAM	L0003548	10.06	4.27	18.60	5.95
SRCPARAM	L0003549	10.06	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = OTAY_MESA_D				
SRCPARAM	L0003550	8.275	4.27	18.60	5.95
SRCPARAM	L0003551	8.275	4.27	18.60	5.95
SRCPARAM	L0003552	8.275	4.27	18.60	5.95
SRCPARAM	L0003553	8.275	4.27	18.60	5.95
SRCPARAM	L0003554	8.275	4.27	18.60	5.95
SRCPARAM	L0003555	8.275	4.27	18.60	5.95
SRCPARAM	L0003556	8.275	4.27	18.60	5.95
SRCPARAM	L0003557	8.275	4.27	18.60	5.95
SRCPARAM	L0003558	8.275	4.27	18.60	5.95
SRCPARAM	L0003559	8.275	4.27	18.60	5.95
SRCPARAM	L0003560	8.275	4.27	18.60	5.95
SRCPARAM	L0003561	8.275	4.27	18.60	5.95
SRCPARAM	L0003562	8.275	4.27	18.60	5.95
SRCPARAM	L0003563	8.275	4.27	18.60	5.95
SRCPARAM	L0003564	8.275	4.27	18.60	5.95
SRCPARAM	L0003565	8.275	4.27	18.60	5.95
SRCPARAM	L0003566	8.275	4.27	18.60	5.95
SRCPARAM	L0003567	8.275	4.27	18.60	5.95
SRCPARAM	L0003568	8.275	4.27	18.60	5.95
SRCPARAM	L0003569	8.275	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = OTAY_MESA_E				
SRCPARAM	L0003570	4.759	4.27	18.60	5.95
SRCPARAM	L0003571	4.759	4.27	18.60	5.95
SRCPARAM	L0003572	4.759	4.27	18.60	5.95

SRCPARAM	L0003573	4.759	4.27	18.60	5.95
SRCPARAM	L0003574	4.759	4.27	18.60	5.95
SRCPARAM	L0003575	4.759	4.27	18.60	5.95
SRCPARAM	L0003576	4.759	4.27	18.60	5.95
SRCPARAM	L0003577	4.759	4.27	18.60	5.95
SRCPARAM	L0003578	4.759	4.27	18.60	5.95
SRCPARAM	L0003579	4.759	4.27	18.60	5.95
SRCPARAM	L0003580	4.759	4.27	18.60	5.95
SRCPARAM	L0003581	4.759	4.27	18.60	5.95
SRCPARAM	L0003582	4.759	4.27	18.60	5.95
SRCPARAM	L0003583	4.759	4.27	18.60	5.95
SRCPARAM	L0003584	4.759	4.27	18.60	5.95
SRCPARAM	L0003585	4.759	4.27	18.60	5.95
SRCPARAM	L0003586	4.759	4.27	18.60	5.95
SRCPARAM	L0003587	4.759	4.27	18.60	5.95
SRCPARAM	L0003588	4.759	4.27	18.60	5.95
SRCPARAM	L0003589	4.759	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_F

SRCPARAM	L0003590	2.665	4.27	18.60	5.95
SRCPARAM	L0003591	2.665	4.27	18.60	5.95
SRCPARAM	L0003592	2.665	4.27	18.60	5.95
SRCPARAM	L0003593	2.665	4.27	18.60	5.95
SRCPARAM	L0003594	2.665	4.27	18.60	5.95
SRCPARAM	L0003595	2.665	4.27	18.60	5.95
SRCPARAM	L0003596	2.665	4.27	18.60	5.95
SRCPARAM	L0003597	2.665	4.27	18.60	5.95
SRCPARAM	L0003598	2.665	4.27	18.60	5.95
SRCPARAM	L0003599	2.665	4.27	18.60	5.95
SRCPARAM	L0003600	2.665	4.27	18.60	5.95
SRCPARAM	L0003601	2.665	4.27	18.60	5.95
SRCPARAM	L0003602	2.665	4.27	18.60	5.95
SRCPARAM	L0003603	2.665	4.27	18.60	5.95
SRCPARAM	L0003604	2.665	4.27	18.60	5.95
SRCPARAM	L0003605	2.665	4.27	18.60	5.95
SRCPARAM	L0003606	2.665	4.27	18.60	5.95
SRCPARAM	L0003607	2.665	4.27	18.60	5.95
SRCPARAM	L0003608	2.665	4.27	18.60	5.95
SRCPARAM	L0003609	2.665	4.27	18.60	5.95
SRCPARAM	L0003610	2.665	4.27	18.60	5.95
SRCPARAM	L0003611	2.665	4.27	18.60	5.95
SRCPARAM	L0003612	2.665	4.27	18.60	5.95
SRCPARAM	L0003613	2.665	4.27	18.60	5.95
SRCPARAM	L0003614	2.665	4.27	18.60	5.95
SRCPARAM	L0003615	2.665	4.27	18.60	5.95
SRCPARAM	L0003616	2.665	4.27	18.60	5.95
SRCPARAM	L0003617	2.665	4.27	18.60	5.95
SRCPARAM	L0003618	2.665	4.27	18.60	5.95
SRCPARAM	L0003619	2.665	4.27	18.60	5.95
SRCPARAM	L0003620	2.665	4.27	18.60	5.95
SRCPARAM	L0003621	2.665	4.27	18.60	5.95
SRCPARAM	L0003622	2.665	4.27	18.60	5.95
SRCPARAM	L0003623	2.665	4.27	18.60	5.95
SRCPARAM	L0003624	2.665	4.27	18.60	5.95
SRCPARAM	L0003625	2.665	4.27	18.60	5.95
SRCPARAM	L0003626	2.665	4.27	18.60	5.95
SRCPARAM	L0003627	2.665	4.27	18.60	5.95
SRCPARAM	L0003628	2.665	4.27	18.60	5.95
SRCPARAM	L0003629	2.665	4.27	18.60	5.95
SRCPARAM	L0003630	2.665	4.27	18.60	5.95

```

** -----
** LINE VOLUME Source ID = I_905_D
SRCPARAM L0002810      5.552      4.27      23.26      1.98
SRCPARAM L0002811      5.552      4.27      23.26      1.98
SRCPARAM L0002812      5.552      4.27      23.26      1.98
SRCPARAM L0002813      5.552      4.27      23.26      1.98
SRCPARAM L0002814      5.552      4.27      23.26      1.98
SRCPARAM L0002815      5.552      4.27      23.26      1.98
SRCPARAM L0002816      5.552      4.27      23.26      1.98
SRCPARAM L0002817      5.552      4.27      23.26      1.98
SRCPARAM L0002818      5.552      4.27      23.26      1.98
SRCPARAM L0002819      5.552      4.27      23.26      1.98
SRCPARAM L0002820      5.552      4.27      23.26      1.98
SRCPARAM L0002821      5.552      4.27      23.26      1.98
SRCPARAM L0002822      5.552      4.27      23.26      1.98
SRCPARAM L0002823      5.552      4.27      23.26      1.98
SRCPARAM L0002824      5.552      4.27      23.26      1.98
SRCPARAM L0002825      5.552      4.27      23.26      1.98
SRCPARAM L0002826      5.552      4.27      23.26      1.98
SRCPARAM L0002827      5.552      4.27      23.26      1.98
SRCPARAM L0002828      5.552      4.27      23.26      1.98
SRCPARAM L0002829      5.552      4.27      23.26      1.98
SRCPARAM L0002830      5.552      4.27      23.26      1.98
SRCPARAM L0002831      5.552      4.27      23.26      1.98
SRCPARAM L0002832      5.552      4.27      23.26      1.98
SRCPARAM L0002833      5.552      4.27      23.26      1.98
SRCPARAM L0002834      5.552      4.27      23.26      1.98
SRCPARAM L0002835      5.552      4.27      23.26      1.98
SRCPARAM L0002836      5.552      4.27      23.26      1.98
SRCPARAM L0002837      5.552      4.27      23.26      1.98
SRCPARAM L0002838      5.552      4.27      23.26      1.98
SRCPARAM L0002839      5.552      4.27      23.26      1.98
SRCPARAM L0002840      5.552      4.27      23.26      1.98
SRCPARAM L0002841      5.552      4.27      23.26      1.98
** -----
** LINE VOLUME Source ID = I_905_E
SRCPARAM L0002975      12.48      4.27      23.26      5.95
SRCPARAM L0002976      12.48      4.27      23.26      5.95
SRCPARAM L0002977      12.48      4.27      23.26      5.95
SRCPARAM L0002978      12.48      4.27      23.26      5.95
SRCPARAM L0002979      12.48      4.27      23.26      5.95
SRCPARAM L0002980      12.48      4.27      23.26      5.95
SRCPARAM L0002981      12.48      4.27      23.26      5.95
SRCPARAM L0002982      12.48      4.27      23.26      5.95
SRCPARAM L0002983      12.48      4.27      23.26      5.95
SRCPARAM L0002984      12.48      4.27      23.26      5.95
SRCPARAM L0002985      12.48      4.27      23.26      5.95
SRCPARAM L0002986      12.48      4.27      23.26      5.95
SRCPARAM L0002987      12.48      4.27      23.26      5.95
SRCPARAM L0002988      12.48      4.27      23.26      5.95
SRCPARAM L0002989      12.48      4.27      23.26      5.95
SRCPARAM L0002990      12.48      4.27      23.26      5.95
** -----
** LINE VOLUME Source ID = I_905_I
SRCPARAM L0002991      12.48      4.27      23.26      5.95
SRCPARAM L0002992      12.48      4.27      23.26      5.95
SRCPARAM L0002993      12.48      4.27      23.26      5.95
SRCPARAM L0002994      12.48      4.27      23.26      5.95
SRCPARAM L0002995      12.48      4.27      23.26      5.95
SRCPARAM L0002996      12.48      4.27      23.26      5.95

```

SRCPARAM	L0002997	12.48	4.27	23.26	5.95
SRCPARAM	L0002998	12.48	4.27	23.26	5.95
SRCPARAM	L0002999	12.48	4.27	23.26	5.95
SRCPARAM	L0003000	12.48	4.27	23.26	5.95
SRCPARAM	L0003001	12.48	4.27	23.26	5.95
SRCPARAM	L0003002	12.48	4.27	23.26	5.95
SRCPARAM	L0003003	12.48	4.27	23.26	5.95
SRCPARAM	L0003004	12.48	4.27	23.26	5.95
SRCPARAM	L0003005	12.48	4.27	23.26	5.95
SRCPARAM	L0003006	12.48	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_905_F

SRCPARAM	L0003007	6.651	4.27	23.26	5.95
SRCPARAM	L0003008	6.651	4.27	23.26	5.95
SRCPARAM	L0003009	6.651	4.27	23.26	5.95
SRCPARAM	L0003010	6.651	4.27	23.26	5.95
SRCPARAM	L0003011	6.651	4.27	23.26	5.95
SRCPARAM	L0003012	6.651	4.27	23.26	5.95
SRCPARAM	L0003013	6.651	4.27	23.26	5.95
SRCPARAM	L0003014	6.651	4.27	23.26	5.95
SRCPARAM	L0003015	6.651	4.27	23.26	5.95
SRCPARAM	L0003016	6.651	4.27	23.26	5.95
SRCPARAM	L0003017	6.651	4.27	23.26	5.95
SRCPARAM	L0003018	6.651	4.27	23.26	5.95
SRCPARAM	L0003019	6.651	4.27	23.26	5.95
SRCPARAM	L0003020	6.651	4.27	23.26	5.95
SRCPARAM	L0003021	6.651	4.27	23.26	5.95
SRCPARAM	L0003022	6.651	4.27	23.26	5.95
SRCPARAM	L0003023	6.651	4.27	23.26	5.95
SRCPARAM	L0003024	6.651	4.27	23.26	5.95
SRCPARAM	L0003025	6.651	4.27	23.26	5.95
SRCPARAM	L0003026	6.651	4.27	23.26	5.95
SRCPARAM	L0003027	6.651	4.27	23.26	5.95
SRCPARAM	L0003028	6.651	4.27	23.26	5.95
SRCPARAM	L0003029	6.651	4.27	23.26	5.95
SRCPARAM	L0003030	6.651	4.27	23.26	5.95
SRCPARAM	L0003031	6.651	4.27	23.26	5.95
SRCPARAM	L0003032	6.651	4.27	23.26	5.95
SRCPARAM	L0003033	6.651	4.27	23.26	5.95
SRCPARAM	L0003034	6.651	4.27	23.26	5.95
SRCPARAM	L0003035	6.651	4.27	23.26	5.95
SRCPARAM	L0003036	6.651	4.27	23.26	5.95
SRCPARAM	L0003037	6.651	4.27	23.26	5.95
SRCPARAM	L0003038	6.651	4.27	23.26	5.95
SRCPARAM	L0003039	6.651	4.27	23.26	5.95
SRCPARAM	L0003040	6.651	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_905_G

SRCPARAM	L0003164	28.33	4.27	23.26	5.95
SRCPARAM	L0003165	28.33	4.27	23.26	5.95
SRCPARAM	L0003166	28.33	4.27	23.26	5.95
SRCPARAM	L0003167	28.33	4.27	23.26	5.95
SRCPARAM	L0003168	28.33	4.27	23.26	5.95
SRCPARAM	L0003169	28.33	4.27	23.26	5.95
SRCPARAM	L0003170	28.33	4.27	23.26	5.95
SRCPARAM	L0003171	28.33	4.27	23.26	5.95
SRCPARAM	L0003172	28.33	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_A

SRCPARAM	L0003173	6.254	4.27	23.26	5.95
----------	----------	-------	------	-------	------

SRCPARAM	L0003174	6.254	4.27	23.26	5.95
SRCPARAM	L0003175	6.254	4.27	23.26	5.95
SRCPARAM	L0003176	6.254	4.27	23.26	5.95
SRCPARAM	L0003177	6.254	4.27	23.26	5.95
SRCPARAM	L0003178	6.254	4.27	23.26	5.95
SRCPARAM	L0003179	6.254	4.27	23.26	5.95
SRCPARAM	L0003180	6.254	4.27	23.26	5.95
SRCPARAM	L0003181	6.254	4.27	23.26	5.95
SRCPARAM	L0003182	6.254	4.27	23.26	5.95
SRCPARAM	L0003183	6.254	4.27	23.26	5.95
SRCPARAM	L0003184	6.254	4.27	23.26	5.95
SRCPARAM	L0003185	6.254	4.27	23.26	5.95
SRCPARAM	L0003186	6.254	4.27	23.26	5.95
SRCPARAM	L0003187	6.254	4.27	23.26	5.95
SRCPARAM	L0003188	6.254	4.27	23.26	5.95
SRCPARAM	L0003189	6.254	4.27	23.26	5.95
SRCPARAM	L0003190	6.254	4.27	23.26	5.95
SRCPARAM	L0003191	6.254	4.27	23.26	5.95
SRCPARAM	L0003192	6.254	4.27	23.26	5.95
SRCPARAM	L0003193	6.254	4.27	23.26	5.95
SRCPARAM	L0003194	6.254	4.27	23.26	5.95
SRCPARAM	L0003195	6.254	4.27	23.26	5.95
SRCPARAM	L0003196	6.254	4.27	23.26	5.95
SRCPARAM	L0003197	6.254	4.27	23.26	5.95

**

** LINE VOLUME Source ID = I_805_B

SRCPARAM	L0003325	3.352	4.27	23.26	5.95
SRCPARAM	L0003326	3.352	4.27	23.26	5.95
SRCPARAM	L0003327	3.352	4.27	23.26	5.95
SRCPARAM	L0003328	3.352	4.27	23.26	5.95
SRCPARAM	L0003329	3.352	4.27	23.26	5.95
SRCPARAM	L0003330	3.352	4.27	23.26	5.95
SRCPARAM	L0003331	3.352	4.27	23.26	5.95
SRCPARAM	L0003332	3.352	4.27	23.26	5.95
SRCPARAM	L0003333	3.352	4.27	23.26	5.95
SRCPARAM	L0003334	3.352	4.27	23.26	5.95
SRCPARAM	L0003335	3.352	4.27	23.26	5.95
SRCPARAM	L0003336	3.352	4.27	23.26	5.95
SRCPARAM	L0003337	3.352	4.27	23.26	5.95
SRCPARAM	L0003338	3.352	4.27	23.26	5.95
SRCPARAM	L0003339	3.352	4.27	23.26	5.95
SRCPARAM	L0003340	3.352	4.27	23.26	5.95
SRCPARAM	L0003341	3.352	4.27	23.26	5.95
SRCPARAM	L0003342	3.352	4.27	23.26	5.95
SRCPARAM	L0003343	3.352	4.27	23.26	5.95
SRCPARAM	L0003344	3.352	4.27	23.26	5.95
SRCPARAM	L0003345	3.352	4.27	23.26	5.95
SRCPARAM	L0003346	3.352	4.27	23.26	5.95
SRCPARAM	L0003347	3.352	4.27	23.26	5.95
SRCPARAM	L0003348	3.352	4.27	23.26	5.95
SRCPARAM	L0003349	3.352	4.27	23.26	5.95
SRCPARAM	L0003350	3.352	4.27	23.26	5.95
SRCPARAM	L0003351	3.352	4.27	23.26	5.95
SRCPARAM	L0003352	3.352	4.27	23.26	5.95
SRCPARAM	L0003353	3.352	4.27	23.26	5.95
SRCPARAM	L0003354	3.352	4.27	23.26	5.95
SRCPARAM	L0003355	3.352	4.27	23.26	5.95
SRCPARAM	L0003356	3.352	4.27	23.26	5.95
SRCPARAM	L0003357	3.352	4.27	23.26	5.95
SRCPARAM	L0003358	3.352	4.27	23.26	5.95

SRCPARAM	L0003359	3.352	4.27	23.26	5.95
SRCPARAM	L0003360	3.352	4.27	23.26	5.95
SRCPARAM	L0003361	3.352	4.27	23.26	5.95
SRCPARAM	L0003362	3.352	4.27	23.26	5.95
SRCPARAM	L0003363	3.352	4.27	23.26	5.95
SRCPARAM	L0003364	3.352	4.27	23.26	5.95
SRCPARAM	L0003365	3.352	4.27	23.26	5.95
SRCPARAM	L0003366	3.352	4.27	23.26	5.95

** -----

** LINE VOLUME Source ID = SR_125_A

SRCPARAM	L0003367	2.514	4.27	23.26	5.95
SRCPARAM	L0003368	2.514	4.27	23.26	5.95
SRCPARAM	L0003369	2.514	4.27	23.26	5.95
SRCPARAM	L0003370	2.514	4.27	23.26	5.95
SRCPARAM	L0003371	2.514	4.27	23.26	5.95
SRCPARAM	L0003372	2.514	4.27	23.26	5.95
SRCPARAM	L0003373	2.514	4.27	23.26	5.95
SRCPARAM	L0003374	2.514	4.27	23.26	5.95
SRCPARAM	L0003375	2.514	4.27	23.26	5.95
SRCPARAM	L0003376	2.514	4.27	23.26	5.95
SRCPARAM	L0003377	2.514	4.27	23.26	5.95
SRCPARAM	L0003378	2.514	4.27	23.26	5.95
SRCPARAM	L0003379	2.514	4.27	23.26	5.95
SRCPARAM	L0003380	2.514	4.27	23.26	5.95
SRCPARAM	L0003381	2.514	4.27	23.26	5.95
SRCPARAM	L0003382	2.514	4.27	23.26	5.95
SRCPARAM	L0003383	2.514	4.27	23.26	5.95
SRCPARAM	L0003384	2.514	4.27	23.26	5.95
SRCPARAM	L0003385	2.514	4.27	23.26	5.95
SRCPARAM	L0003386	2.514	4.27	23.26	5.95
SRCPARAM	L0003387	2.514	4.27	23.26	5.95
SRCPARAM	L0003388	2.514	4.27	23.26	5.95
SRCPARAM	L0003389	2.514	4.27	23.26	5.95
SRCPARAM	L0003390	2.514	4.27	23.26	5.95
SRCPARAM	L0003391	2.514	4.27	23.26	5.95
SRCPARAM	L0003392	2.514	4.27	23.26	5.95
SRCPARAM	L0003393	2.514	4.27	23.26	5.95
SRCPARAM	L0003394	2.514	4.27	23.26	5.95
SRCPARAM	L0003395	2.514	4.27	23.26	5.95
SRCPARAM	L0003396	2.514	4.27	23.26	5.95
SRCPARAM	L0003397	2.514	4.27	23.26	5.95
SRCPARAM	L0003398	2.514	4.27	23.26	5.95
SRCPARAM	L0003399	2.514	4.27	23.26	5.95
SRCPARAM	L0003400	2.514	4.27	23.26	5.95
SRCPARAM	L0003401	2.514	4.27	23.26	5.95
SRCPARAM	L0003402	2.514	4.27	23.26	5.95
SRCPARAM	L0003403	2.514	4.27	23.26	5.95
SRCPARAM	L0003404	2.514	4.27	23.26	5.95
SRCPARAM	L0003405	2.514	4.27	23.26	5.95
SRCPARAM	L0003406	2.514	4.27	23.26	5.95
SRCPARAM	L0003407	2.514	4.27	23.26	5.95
SRCPARAM	L0003408	2.514	4.27	23.26	5.95
SRCPARAM	L0003409	2.514	4.27	23.26	5.95
SRCPARAM	L0003410	2.514	4.27	23.26	5.95
SRCPARAM	L0003411	2.514	4.27	23.26	5.95
SRCPARAM	L0003412	2.514	4.27	23.26	5.95
SRCPARAM	L0003413	2.514	4.27	23.26	5.95
SRCPARAM	L0003414	2.514	4.27	23.26	5.95
SRCPARAM	L0003415	2.514	4.27	23.26	5.95
SRCPARAM	L0003416	2.514	4.27	23.26	5.95

SRCPARAM	L0003417	2.514	4.27	23.26	5.95
SRCPARAM	L0003418	2.514	4.27	23.26	5.95
SRCPARAM	L0003419	2.514	4.27	23.26	5.95

**

** LINE VOLUME Source ID = SR_125_B

SRCPARAM	L0003420	3.041	4.27	23.26	5.95
SRCPARAM	L0003421	3.041	4.27	23.26	5.95
SRCPARAM	L0003422	3.041	4.27	23.26	5.95
SRCPARAM	L0003423	3.041	4.27	23.26	5.95
SRCPARAM	L0003424	3.041	4.27	23.26	5.95
SRCPARAM	L0003425	3.041	4.27	23.26	5.95
SRCPARAM	L0003426	3.041	4.27	23.26	5.95
SRCPARAM	L0003427	3.041	4.27	23.26	5.95
SRCPARAM	L0003428	3.041	4.27	23.26	5.95
SRCPARAM	L0003429	3.041	4.27	23.26	5.95
SRCPARAM	L0003430	3.041	4.27	23.26	5.95
SRCPARAM	L0003431	3.041	4.27	23.26	5.95
SRCPARAM	L0003432	3.041	4.27	23.26	5.95
SRCPARAM	L0003433	3.041	4.27	23.26	5.95
SRCPARAM	L0003434	3.041	4.27	23.26	5.95
SRCPARAM	L0003435	3.041	4.27	23.26	5.95
SRCPARAM	L0003436	3.041	4.27	23.26	5.95
SRCPARAM	L0003437	3.041	4.27	23.26	5.95
SRCPARAM	L0003438	3.041	4.27	23.26	5.95
SRCPARAM	L0003439	3.041	4.27	23.26	5.95
SRCPARAM	L0003440	3.041	4.27	23.26	5.95
SRCPARAM	L0003441	3.041	4.27	23.26	5.95
SRCPARAM	L0003442	3.041	4.27	23.26	5.95
SRCPARAM	L0003443	3.041	4.27	23.26	5.95
SRCPARAM	L0003444	3.041	4.27	23.26	5.95
SRCPARAM	L0003445	3.041	4.27	23.26	5.95
SRCPARAM	L0003446	3.041	4.27	23.26	5.95
SRCPARAM	L0003447	3.041	4.27	23.26	5.95
SRCPARAM	L0003448	3.041	4.27	23.26	5.95
SRCPARAM	L0003449	3.041	4.27	23.26	5.95
SRCPARAM	L0003450	3.041	4.27	23.26	5.95
SRCPARAM	L0003451	3.041	4.27	23.26	5.95
SRCPARAM	L0003452	3.041	4.27	23.26	5.95
SRCPARAM	L0003453	3.041	4.27	23.26	5.95
SRCPARAM	L0003454	3.041	4.27	23.26	5.95
SRCPARAM	L0003455	3.041	4.27	23.26	5.95
SRCPARAM	L0003456	3.041	4.27	23.26	5.95
SRCPARAM	L0003457	3.041	4.27	23.26	5.95
SRCPARAM	L0003458	3.041	4.27	23.26	5.95
SRCPARAM	L0003459	3.041	4.27	23.26	5.95
SRCPARAM	L0003460	3.041	4.27	23.26	5.95
SRCPARAM	L0003461	3.041	4.27	23.26	5.95
SRCPARAM	L0003462	3.041	4.27	23.26	5.95
SRCPARAM	L0003463	3.041	4.27	23.26	5.95
SRCPARAM	L0003464	3.041	4.27	23.26	5.95
SRCPARAM	L0003465	3.041	4.27	23.26	5.95
SRCPARAM	L0003466	3.041	4.27	23.26	5.95
SRCPARAM	L0003467	3.041	4.27	23.26	5.95
SRCPARAM	L0003468	3.041	4.27	23.26	5.95
SRCPARAM	L0003469	3.041	4.27	23.26	5.95
SRCPARAM	L0003470	3.041	4.27	23.26	5.95
SRCPARAM	L0003471	3.041	4.27	23.26	5.95
SRCPARAM	L0003472	3.041	4.27	23.26	5.95
SRCPARAM	L0003473	3.041	4.27	23.26	5.95
SRCPARAM	L0003474	3.041	4.27	23.26	5.95

SRCPARAM	L0003475	3.041	4.27	23.26	5.95
SRCPARAM	L0003476	3.041	4.27	23.26	5.95
SRCPARAM	L0003477	3.041	4.27	23.26	5.95
SRCPARAM	L0003478	3.041	4.27	23.26	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_G

SRCPARAM	L0003697	5.841	4.27	18.60	5.95
SRCPARAM	L0003698	5.841	4.27	18.60	5.95
SRCPARAM	L0003699	5.841	4.27	18.60	5.95
SRCPARAM	L0003700	5.841	4.27	18.60	5.95
SRCPARAM	L0003701	5.841	4.27	18.60	5.95
SRCPARAM	L0003702	5.841	4.27	18.60	5.95
SRCPARAM	L0003703	5.841	4.27	18.60	5.95
SRCPARAM	L0003704	5.841	4.27	18.60	5.95
SRCPARAM	L0003705	5.841	4.27	18.60	5.95
SRCPARAM	L0003706	5.841	4.27	18.60	5.95
SRCPARAM	L0003707	5.841	4.27	18.60	5.95
SRCPARAM	L0003708	5.841	4.27	18.60	5.95
SRCPARAM	L0003709	5.841	4.27	18.60	5.95
SRCPARAM	L0003710	5.841	4.27	18.60	5.95
SRCPARAM	L0003711	5.841	4.27	18.60	5.95
SRCPARAM	L0003712	5.841	4.27	18.60	5.95
SRCPARAM	L0003713	5.841	4.27	18.60	5.95
SRCPARAM	L0003714	5.841	4.27	18.60	5.95
SRCPARAM	L0003715	5.841	4.27	18.60	5.95
SRCPARAM	L0003716	5.841	4.27	18.60	5.95

**

** LINE VOLUME Source ID = OTAY_MESA_H

SRCPARAM	L0003717	5.138	4.27	18.60	5.95
SRCPARAM	L0003718	5.138	4.27	18.60	5.95
SRCPARAM	L0003719	5.138	4.27	18.60	5.95
SRCPARAM	L0003720	5.138	4.27	18.60	5.95
SRCPARAM	L0003721	5.138	4.27	18.60	5.95
SRCPARAM	L0003722	5.138	4.27	18.60	5.95
SRCPARAM	L0003723	5.138	4.27	18.60	5.95
SRCPARAM	L0003724	5.138	4.27	18.60	5.95
SRCPARAM	L0003725	5.138	4.27	18.60	5.95
SRCPARAM	L0003726	5.138	4.27	18.60	5.95
SRCPARAM	L0003727	5.138	4.27	18.60	5.95
SRCPARAM	L0003728	5.138	4.27	18.60	5.95

**

** LINE VOLUME Source ID = AIRWAY_A

SRCPARAM	L0003729	6.233	4.27	18.60	5.95
SRCPARAM	L0003730	6.233	4.27	18.60	5.95
SRCPARAM	L0003731	6.233	4.27	18.60	5.95
SRCPARAM	L0003732	6.233	4.27	18.60	5.95
SRCPARAM	L0003733	6.233	4.27	18.60	5.95
SRCPARAM	L0003734	6.233	4.27	18.60	5.95
SRCPARAM	L0003735	6.233	4.27	18.60	5.95
SRCPARAM	L0003736	6.233	4.27	18.60	5.95
SRCPARAM	L0003737	6.233	4.27	18.60	5.95
SRCPARAM	L0003738	6.233	4.27	18.60	5.95
SRCPARAM	L0003739	6.233	4.27	18.60	5.95
SRCPARAM	L0003740	6.233	4.27	18.60	5.95
SRCPARAM	L0003741	6.233	4.27	18.60	5.95
SRCPARAM	L0003742	6.233	4.27	18.60	5.95
SRCPARAM	L0003743	6.233	4.27	18.60	5.95
SRCPARAM	L0003744	6.233	4.27	18.60	5.95
SRCPARAM	L0003745	6.233	4.27	18.60	5.95
SRCPARAM	L0003746	6.233	4.27	18.60	5.95

SRCPARAM	L0003747	6.233	4.27	18.60	5.95
SRCPARAM	L0003748	6.233	4.27	18.60	5.95
SRCPARAM	L0003749	6.233	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = SEMPRE_A				
SRCPARAM	L0003750	13.63	4.27	18.60	5.95
SRCPARAM	L0003751	13.63	4.27	18.60	5.95
SRCPARAM	L0003752	13.63	4.27	18.60	5.95
SRCPARAM	L0003753	13.63	4.27	18.60	5.95
SRCPARAM	L0003754	13.63	4.27	18.60	5.95
SRCPARAM	L0003755	13.63	4.27	18.60	5.95
SRCPARAM	L0003756	13.63	4.27	18.60	5.95
SRCPARAM	L0003757	13.63	4.27	18.60	5.95
SRCPARAM	L0003758	13.63	4.27	18.60	5.95
SRCPARAM	L0003759	13.63	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = SIMPRE_B				
SRCPARAM	L0003760	9.272	4.27	18.60	5.95
SRCPARAM	L0003761	9.272	4.27	18.60	5.95
SRCPARAM	L0003762	9.272	4.27	18.60	5.95
SRCPARAM	L0003763	9.272	4.27	18.60	5.95
SRCPARAM	L0003764	9.272	4.27	18.60	5.95
SRCPARAM	L0003765	9.272	4.27	18.60	5.95
SRCPARAM	L0003766	9.272	4.27	18.60	5.95
SRCPARAM	L0003767	9.272	4.27	18.60	5.95
SRCPARAM	L0003768	9.272	4.27	18.60	5.95
SRCPARAM	L0003769	9.272	4.27	18.60	5.95
SRCPARAM	L0003770	9.272	4.27	18.60	5.95
SRCPARAM	L0003771	9.272	4.27	18.60	5.95
SRCPARAM	L0003772	9.272	4.27	18.60	5.95
SRCPARAM	L0003773	9.272	4.27	18.60	5.95
**	-----				
**	LINE VOLUME Source ID = OTAY_VLLY_A				
SRCPARAM	L0003774	5.611	4.27	23.26	5.95
SRCPARAM	L0003775	5.611	4.27	23.26	5.95
SRCPARAM	L0003776	5.611	4.27	23.26	5.95
SRCPARAM	L0003777	5.611	4.27	23.26	5.95
SRCPARAM	L0003778	5.611	4.27	23.26	5.95
SRCPARAM	L0003779	5.611	4.27	23.26	5.95
SRCPARAM	L0003780	5.611	4.27	23.26	5.95
SRCPARAM	L0003781	5.611	4.27	23.26	5.95
SRCPARAM	L0003782	5.611	4.27	23.26	5.95
SRCPARAM	L0003783	5.611	4.27	23.26	5.95
SRCPARAM	L0003784	5.611	4.27	23.26	5.95
SRCPARAM	L0003785	5.611	4.27	23.26	5.95
SRCPARAM	L0003786	5.611	4.27	23.26	5.95
SRCPARAM	L0003787	5.611	4.27	23.26	5.95
SRCPARAM	L0003788	5.611	4.27	23.26	5.95
SRCPARAM	L0003789	5.611	4.27	23.26	5.95
SRCPARAM	L0003790	5.611	4.27	23.26	5.95
SRCPARAM	L0003791	5.611	4.27	23.26	5.95
SRCPARAM	L0003792	5.611	4.27	23.26	5.95
SRCPARAM	L0003793	5.611	4.27	23.26	5.95
SRCPARAM	L0003794	5.611	4.27	23.26	5.95
SRCPARAM	L0003795	5.611	4.27	23.26	5.95
SRCPARAM	L0003796	5.611	4.27	23.26	5.95
SRCPARAM	L0003797	5.611	4.27	23.26	5.95
SRCPARAM	L0003798	5.611	4.27	23.26	5.95
SRCPARAM	L0003799	5.611	4.27	23.26	5.95
SRCPARAM	L0003800	5.611	4.27	23.26	5.95

SRCPARAM	L0003801	5.611	4.27	23.26	5.95
SRCPARAM	L0003802	5.611	4.27	23.26	5.95
SRCPARAM	L0003803	5.611	4.27	23.26	5.95
SRCPARAM	L0003804	5.611	4.27	23.26	5.95
SRCPARAM	L0003805	5.611	4.27	23.26	5.95

** -----

** LINE VOLUME Source ID = OTAYVLLY_B

SRCPARAM	L0003806	9.608	4.27	23.26	5.95
SRCPARAM	L0003807	9.608	4.27	23.26	5.95
SRCPARAM	L0003808	9.608	4.27	23.26	5.95
SRCPARAM	L0003809	9.608	4.27	23.26	5.95
SRCPARAM	L0003810	9.608	4.27	23.26	5.95
SRCPARAM	L0003811	9.608	4.27	23.26	5.95
SRCPARAM	L0003812	9.608	4.27	23.26	5.95
SRCPARAM	L0003813	9.608	4.27	23.26	5.95
SRCPARAM	L0003814	9.608	4.27	23.26	5.95
SRCPARAM	L0003815	9.608	4.27	23.26	5.95
SRCPARAM	L0003816	9.608	4.27	23.26	5.95
SRCPARAM	L0003817	9.608	4.27	23.26	5.95
SRCPARAM	L0003818	9.608	4.27	23.26	5.95
SRCPARAM	L0003819	9.608	4.27	23.26	5.95
SRCPARAM	L0003820	9.608	4.27	23.26	5.95
SRCPARAM	L0003821	9.608	4.27	23.26	5.95
SRCPARAM	L0003822	9.608	4.27	23.26	5.95

** -----

** LINE VOLUME Source ID = BRITANNIA

SRCPARAM	L0003823	13.63	0.00	18.60	5.95
SRCPARAM	L0003824	13.63	0.00	18.60	5.95
SRCPARAM	L0003825	13.63	0.00	18.60	5.95
SRCPARAM	L0003826	13.63	0.00	18.60	5.95
SRCPARAM	L0003827	13.63	0.00	18.60	5.95
SRCPARAM	L0003828	13.63	0.00	18.60	5.95
SRCPARAM	L0003829	13.63	0.00	18.60	5.95
SRCPARAM	L0003830	13.63	0.00	18.60	5.95
SRCPARAM	L0003831	13.63	0.00	18.60	5.95
SRCPARAM	L0003832	13.63	0.00	18.60	5.95

** -----

** LINE VOLUME Source ID = LA_MEDIA

SRCPARAM	L0003851	13.85	4.27	18.60	5.95
SRCPARAM	L0003852	13.85	4.27	18.60	5.95
SRCPARAM	L0003853	13.85	4.27	18.60	5.95
SRCPARAM	L0003854	13.85	4.27	18.60	5.95
SRCPARAM	L0003855	13.85	4.27	18.60	5.95
SRCPARAM	L0003856	13.85	4.27	18.60	5.95
SRCPARAM	L0003857	13.85	4.27	18.60	5.95
SRCPARAM	L0003858	13.85	4.27	18.60	5.95
SRCPARAM	L0003859	13.85	4.27	18.60	5.95
SRCPARAM	L0003860	13.85	4.27	18.60	5.95

** -----

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

GRIDCART UCART1 STA

XYINC 495921.32 21 150.00 3600584.90 21 150.00

ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00			
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00			
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			

ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			

HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART1 END
 GRIDCART UCART2 STA

XYINC	495924.40	21	150.00	3603567.52	21	150.00	
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00			
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00			
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00

HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART2 END

GRIDCART UCART3 STA

XYINC	498904.52	21	150.00	3600584.79	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00

HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART3 END

GRIDCART UCART4 STA

XYINC	498903.40	21	150.00	3603568.08	21	150.00	
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00

HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00

HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART4 END

GRIDCART UCART5 STA

XYINC	501887.15	21	150.00	3600585.14	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00				
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00				
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00				
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00				
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00				

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			

HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			

HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART5 END
 GRIDCART UCART6 STA

XYINC	501885.74	21	150.00	3603565.94	21	150.00		
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00				
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00				
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00				
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00				
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00				
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00				
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00				
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00				
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00				
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00				
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00				
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00

HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00

HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
GRIDCART UCART6	END						
GRIDCART UCART7	STA						
XYINC	504863.59	21	150.00	3600583.99	21	150.00	
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00

HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART7 END
 GRIDCART UCART8 STA

XYINC	504863.98	21	150.00	3603564.47	21	150.00	
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	1	0.00	0.00	0.00			
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00			
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00			
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00			
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00			
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00			
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00			
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00			
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00			
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00			
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00			
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00			
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00			
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00			
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00			
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	16	0.00	0.00	0.00			
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00			
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00			
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00			
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00			
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00			
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00			
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00			
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00			
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00			
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00			
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00			
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00			
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00			
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00			
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00

HILL	10	0.00	0.00	0.00			
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00			
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00			
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00			
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00			
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00			
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00			
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00			
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00			
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00			
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
HILL	20	0.00	0.00	0.00			
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00			

GRIDCART UCART8 END

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "..\AERMET\Otay Mesa.SFC"

PROFFILE "..\AERMET\Otay Mesa.PFL"

SURFDATA 23188 1990 SAN_DIEGO/LINDBERGH_FIELD

UAIRDATA 3190 1990

PROFBASE 9.0 METERS

ME FINISHED

```
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "OTAY MESA FUTURE CPU.AD\01H1GALL.PLT" 31
  PLOTFILE ANNUAL ALL "OTAY MESA FUTURE CPU.AD\AN00GALL.PLT" 32
  SUMMFILE "Otay Mesa Future CPU.sum"
OU FINISHED

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

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 1

**MODELOPTs: RegDEFAULT CONC

ELEV

*** 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 Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 717 Source(s); 1 Source Group(s); and 3528 Receptor
(s)

**The Model Assumes A Pollutant Type of: PM₁₀

**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) = 9.00 ; Decay Coef.
= 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.2 MB of RAM.

**Detailed Error/Message File: Otay Mesa Future CPU.err

**File for Summary of Results: Otay Mesa Future CPU.sum

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 2

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0002912		0	0.62020E+01		505725.6	3601444.9	0.0	4.27
5.95	NO							23.26
L0002913		0	0.62020E+01		505721.3	3601494.7	0.0	4.27
5.95	NO							23.26
L0002914		0	0.62020E+01		505717.0	3601544.5	0.0	4.27
5.95	NO							23.26
L0002915		0	0.62020E+01		505712.6	3601594.4	0.0	4.27
5.95	NO							23.26
L0002916		0	0.62020E+01		505715.7	3601644.0	0.0	4.27
5.95	NO							23.26
L0002917		0	0.62020E+01		505722.7	3601693.5	0.0	4.27
5.95	NO							23.26
L0002918		0	0.62020E+01		505721.8	3601742.8	0.0	4.27
5.95	NO							23.26
L0002919		0	0.62020E+01		505712.0	3601791.8	0.0	4.27
5.95	NO							23.26
L0002920		0	0.62020E+01		505702.3	3601840.8	0.0	4.27
5.95	NO							23.26
L0002921		0	0.62020E+01		505692.5	3601889.9	0.0	4.27
5.95	NO							23.26
L0002922		0	0.62020E+01		505673.2	3601935.8	0.0	4.27
5.95	NO							23.26
L0002923		0	0.62020E+01		505651.9	3601981.0	0.0	4.27
5.95	NO							23.26
L0002924		0	0.81590E+01		505630.7	3602021.4	0.0	4.27
5.95	NO							23.26
L0002925		0	0.81590E+01		505605.8	3602064.8	0.0	4.27
5.95	NO							23.26
L0002926		0	0.81590E+01		505573.9	3602103.3	0.0	4.27
5.95	NO							23.26
L0002927		0	0.81590E+01		505542.1	3602141.8	0.0	4.27
5.95	NO							23.26
L0002928		0	0.81590E+01		505510.2	3602180.4	0.0	4.27
5.95	NO							23.26
L0002929		0	0.81590E+01		505478.4	3602218.9	0.0	4.27
5.95	NO							23.26
L0002930		0	0.81590E+01		505446.5	3602257.4	0.0	4.27
5.95	NO							23.26
L0002931		0	0.81590E+01		505414.7	3602296.0	0.0	4.27

5.95	NO							
L0002932		0	0.81590E+01	505382.8	3602334.5	0.0	4.27	23.26
5.95	NO							
L0002933		0	0.81590E+01	505350.9	3602373.1	0.0	4.27	23.26
5.95	NO							
L0002934		0	0.81590E+01	505319.1	3602411.6	0.0	4.27	23.26
5.95	NO							
L0002935		0	0.81590E+01	505287.2	3602450.1	0.0	4.27	23.26
5.95	NO							
L0002936		0	0.81590E+01	505255.4	3602488.7	0.0	4.27	23.26
5.95	NO							
L0002937		0	0.81590E+01	505223.5	3602527.2	0.0	4.27	23.26
5.95	NO							
L0002938		0	0.32280E+01	505199.9	3602554.2	0.0	4.27	23.26
5.95	NO							
L0002939		0	0.32280E+01	505166.6	3602591.5	0.0	4.27	23.26
5.95	NO							
L0002940		0	0.32280E+01	505133.3	3602628.8	0.0	4.27	23.26
5.95	NO							
L0002941		0	0.32280E+01	505100.0	3602666.1	0.0	4.27	23.26
5.95	NO							
L0002942		0	0.32280E+01	505064.9	3602701.6	0.0	4.27	23.26
5.95	NO							
L0002943		0	0.32280E+01	505027.6	3602735.0	0.0	4.27	23.26
5.95	NO							
L0002944		0	0.32280E+01	504990.4	3602768.3	0.0	4.27	23.26
5.95	NO							
L0002945		0	0.32280E+01	504950.7	3602798.5	0.0	4.27	23.26
5.95	NO							
L0002946		0	0.32280E+01	504908.8	3602825.8	0.0	4.27	23.26
5.95	NO							
L0002947		0	0.32280E+01	504867.0	3602853.2	0.0	4.27	23.26
5.95	NO							
L0002948		0	0.32280E+01	504822.3	3602875.6	0.0	4.27	23.26
5.95	NO							
L0002949		0	0.32280E+01	504777.2	3602897.1	0.0	4.27	23.26
5.95	NO							
L0002950		0	0.32280E+01	504731.2	3602916.7	0.0	4.27	23.26
5.95	NO							
L0002951		0	0.32280E+01	504683.6	3602931.6	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 3

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	PART.	(GRAMS/SEC)				ELEV.	HEIGHT
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						(METERS)
L0002952		0	0.32280E+01		504635.0	3602943.3	0.0	4.27
5.95	NO							23.26
L0002953		0	0.32280E+01		504586.4	3602955.0	0.0	4.27
5.95	NO							23.26
L0002954		0	0.32280E+01		504537.5	3602965.0	0.0	4.27
5.95	NO							23.26
L0002955		0	0.32280E+01		504487.7	3602969.5	0.0	4.27
5.95	NO							23.26
L0002956		0	0.32280E+01		504437.8	3602970.9	0.0	4.27
5.95	NO							23.26
L0002957		0	0.32280E+01		504387.8	3602971.3	0.0	4.27
5.95	NO							23.26
L0002958		0	0.32280E+01		504337.8	3602971.7	0.0	4.27
5.95	NO							23.26
L0002959		0	0.32280E+01		504287.8	3602972.1	0.0	4.27
5.95	NO							23.26
L0002960		0	0.32280E+01		504237.8	3602972.6	0.0	4.27
5.95	NO							23.26
L0002961		0	0.32280E+01		504187.8	3602973.0	0.0	4.27
5.95	NO							23.26
L0002962		0	0.32280E+01		504137.8	3602973.4	0.0	4.27
5.95	NO							23.26
L0002963		0	0.32280E+01		504087.8	3602973.8	0.0	4.27
5.95	NO							23.26
L0002964		0	0.32280E+01		504037.8	3602974.2	0.0	4.27
5.95	NO							23.26
L0002965		0	0.32280E+01		503987.8	3602974.6	0.0	4.27
5.95	NO							23.26
L0002966		0	0.32280E+01		503937.8	3602975.0	0.0	4.27
5.95	NO							23.26
L0002967		0	0.32280E+01		503887.8	3602975.4	0.0	4.27
5.95	NO							23.26
L0002968		0	0.32280E+01		503837.8	3602975.8	0.0	4.27
5.95	NO							23.26
L0002969		0	0.32280E+01		503787.8	3602976.3	0.0	4.27
5.95	NO							23.26
L0002970		0	0.32280E+01		503737.8	3602976.7	0.0	4.27
5.95	NO							23.26
L0002971		0	0.32280E+01		503687.8	3602977.1	0.0	4.27

5.95	NO							
L0002972		0	0.32280E+01	503637.8	3602977.5	0.0	4.27	23.26
5.95	NO							
L0002973		0	0.32280E+01	503587.8	3602977.9	0.0	4.27	23.26
5.95	NO							
L0002974		0	0.32280E+01	503537.8	3602978.3	0.0	4.27	23.26
5.95	NO							
L0003123		0	0.62190E+01	498188.0	3603383.9	0.0	0.00	23.26
5.95	NO							
L0003124		0	0.62190E+01	498141.4	3603402.1	0.0	0.00	23.26
5.95	NO							
L0003125		0	0.62190E+01	498094.8	3603420.2	0.0	0.00	23.26
5.95	NO							
L0003126		0	0.62190E+01	498047.3	3603435.6	0.0	0.00	23.26
5.95	NO							
L0003127		0	0.62190E+01	497999.3	3603449.6	0.0	0.00	23.26
5.95	NO							
L0003128		0	0.62190E+01	497950.4	3603459.9	0.0	0.00	23.26
5.95	NO							
L0003129		0	0.62190E+01	497901.4	3603469.6	0.0	0.00	23.26
5.95	NO							
L0003130		0	0.62190E+01	497851.6	3603474.8	0.0	0.00	23.26
5.95	NO							
L0003131		0	0.62190E+01	497801.8	3603476.6	0.0	0.00	23.26
5.95	NO							
L0003132		0	0.62190E+01	497751.8	3603475.3	0.0	0.00	23.26
5.95	NO							
L0003133		0	0.62190E+01	497702.0	3603470.8	0.0	0.00	23.26
5.95	NO							
L0003134		0	0.62190E+01	497652.2	3603466.3	0.0	0.00	23.26
5.95	NO							
L0003135		0	0.62190E+01	497602.4	3603461.8	0.0	0.00	23.26
5.95	NO							
L0003136		0	0.62190E+01	497552.6	3603457.3	0.0	0.00	23.26
5.95	NO							
L0003137		0	0.62190E+01	497502.8	3603452.8	0.0	0.00	23.26
5.95	NO							
L0003138		0	0.62190E+01	497453.0	3603448.3	0.0	0.00	23.26
5.95	NO							
L0003139		0	0.62190E+01	497403.2	3603443.8	0.0	0.00	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 4

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003140		0	0.62190E+01		497353.4	3603439.3	0.0	23.26
5.95	NO							
L0003141		0	0.62190E+01		497303.6	3603435.0	0.0	23.26
5.95	NO							
L0003142		0	0.62190E+01		497253.8	3603431.0	0.0	23.26
5.95	NO							
L0003143		0	0.62190E+01		497203.9	3603427.0	0.0	23.26
5.95	NO							
L0003144		0	0.62190E+01		497154.1	3603423.0	0.0	23.26
5.95	NO							
L0003145		0	0.62190E+01		497104.2	3603419.0	0.0	23.26
5.95	NO							
L0003146		0	0.62190E+01		497054.4	3603415.5	0.0	23.26
5.95	NO							
L0003147		0	0.62190E+01		497004.4	3603414.3	0.0	23.26
5.95	NO							
L0003148		0	0.62190E+01		496954.4	3603413.0	0.0	23.26
5.95	NO							
L0003149		0	0.62190E+01		496904.4	3603413.0	0.0	23.26
5.95	NO							
L0003150		0	0.62190E+01		496854.4	3603413.6	0.0	23.26
5.95	NO							
L0003151		0	0.62190E+01		496804.4	3603414.1	0.0	23.26
5.95	NO							
L0003152		0	0.62190E+01		496754.4	3603414.6	0.0	23.26
5.95	NO							
L0003153		0	0.62190E+01		496704.4	3603415.2	0.0	23.26
5.95	NO							
L0003154		0	0.62190E+01		496654.4	3603415.7	0.0	23.26
5.95	NO							
L0003155		0	0.62190E+01		496604.4	3603416.2	0.0	23.26
5.95	NO							
L0003156		0	0.62190E+01		496554.4	3603416.8	0.0	23.26
5.95	NO							
L0003157		0	0.62190E+01		496504.4	3603417.3	0.0	23.26
5.95	NO							
L0003158		0	0.62190E+01		496454.4	3603417.9	0.0	23.26
5.95	NO							
L0003159		0	0.62190E+01		496404.4	3603418.4	0.0	23.26

5.95	NO							
L0003160		0	0.62190E+01	496354.4	3603418.9	0.0	0.00	23.26
5.95	NO							
L0003161		0	0.62190E+01	496304.5	3603419.5	0.0	0.00	23.26
5.95	NO							
L0003162		0	0.62190E+01	496254.5	3603420.0	0.0	0.00	23.26
5.95	NO							
L0003163		0	0.62190E+01	496204.5	3603420.5	0.0	0.00	23.26
5.95	NO							
L0003265		0	0.73180E+01	496192.6	3603445.3	0.0	4.27	23.26
5.95	NO							
L0003266		0	0.73180E+01	496202.0	3603494.4	0.0	4.27	23.26
5.95	NO							
L0003267		0	0.73180E+01	496211.4	3603543.5	0.0	4.27	23.26
5.95	NO							
L0003268		0	0.73180E+01	496220.9	3603592.6	0.0	4.27	23.26
5.95	NO							
L0003269		0	0.73180E+01	496230.3	3603641.7	0.0	4.27	23.26
5.95	NO							
L0003270		0	0.73180E+01	496239.8	3603690.8	0.0	4.27	23.26
5.95	NO							
L0003271		0	0.73180E+01	496249.2	3603739.9	0.0	4.27	23.26
5.95	NO							
L0003272		0	0.73180E+01	496258.6	3603789.0	0.0	4.27	23.26
5.95	NO							
L0003273		0	0.73180E+01	496268.1	3603838.1	0.0	4.27	23.26
5.95	NO							
L0003274		0	0.73180E+01	496277.5	3603887.2	0.0	4.27	23.26
5.95	NO							
L0003275		0	0.73180E+01	496287.0	3603936.3	0.0	4.27	23.26
5.95	NO							
L0003276		0	0.73180E+01	496296.4	3603985.4	0.0	4.27	23.26
5.95	NO							
L0003277		0	0.73180E+01	496305.8	3604034.5	0.0	4.27	23.26
5.95	NO							
L0003278		0	0.73180E+01	496315.3	3604083.6	0.0	4.27	23.26
5.95	NO							
L0003279		0	0.73180E+01	496324.7	3604132.7	0.0	4.27	23.26
5.95	NO							
L0003280		0	0.73180E+01	496334.1	3604181.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 5

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003281		0	0.73180E+01		496343.6	3604230.9	0.0	4.27
5.95	NO							23.26
L0003282		0	0.73180E+01		496353.0	3604280.0	0.0	4.27
5.95	NO							23.26
L0003283		0	0.73180E+01		496362.5	3604329.1	0.0	4.27
5.95	NO							23.26
L0003284		0	0.73180E+01		496371.9	3604378.2	0.0	4.27
5.95	NO							23.26
L0003285		0	0.73180E+01		496381.3	3604427.3	0.0	4.27
5.95	NO							23.26
L0003286		0	0.73180E+01		496390.8	3604476.4	0.0	4.27
5.95	NO							23.26
L0003287		0	0.73180E+01		496400.2	3604525.5	0.0	4.27
5.95	NO							23.26
L0003288		0	0.73180E+01		496409.6	3604574.6	0.0	4.27
5.95	NO							23.26
L0003289		0	0.73180E+01		496419.1	3604623.7	0.0	4.27
5.95	NO							23.26
L0003290		0	0.73180E+01		496428.5	3604672.9	0.0	4.27
5.95	NO							23.26
L0003291		0	0.73180E+01		496438.0	3604722.0	0.0	4.27
5.95	NO							23.26
L0003292		0	0.73180E+01		496447.4	3604771.1	0.0	4.27
5.95	NO							23.26
L0003293		0	0.73180E+01		496456.8	3604820.2	0.0	4.27
5.95	NO							23.26
L0003294		0	0.73180E+01		496466.3	3604869.3	0.0	4.27
5.95	NO							23.26
L0003295		0	0.73180E+01		496475.7	3604918.4	0.0	4.27
5.95	NO							23.26
L0003296		0	0.73180E+01		496485.1	3604967.5	0.0	4.27
5.95	NO							23.26
L0003297		0	0.73180E+01		496494.6	3605016.6	0.0	4.27
5.95	NO							23.26
L0003298		0	0.73180E+01		496504.0	3605065.7	0.0	4.27
5.95	NO							23.26
L0003299		0	0.73180E+01		496513.5	3605114.8	0.0	4.27
5.95	NO							23.26
L0003300		0	0.11450E+02		496524.4	3605173.2	0.0	4.27

5.95	NO							
L0003301		0	0.11450E+02	496533.2	3605222.5	0.0	4.27	23.26
5.95	NO							
L0003302		0	0.11450E+02	496542.0	3605271.7	0.0	4.27	23.26
5.95	NO							
L0003303		0	0.11450E+02	496550.7	3605320.9	0.0	4.27	23.26
5.95	NO							
L0003304		0	0.11450E+02	496558.5	3605370.3	0.0	4.27	23.26
5.95	NO							
L0003305		0	0.11450E+02	496566.3	3605419.7	0.0	4.27	23.26
5.95	NO							
L0003306		0	0.11450E+02	496571.1	3605469.4	0.0	4.27	23.26
5.95	NO							
L0003307		0	0.11450E+02	496574.6	3605519.3	0.0	4.27	23.26
5.95	NO							
L0003308		0	0.11450E+02	496577.6	3605569.2	0.0	4.27	23.26
5.95	NO							
L0003309		0	0.11450E+02	496578.6	3605619.2	0.0	4.27	23.26
5.95	NO							
L0003310		0	0.11450E+02	496579.6	3605669.2	0.0	4.27	23.26
5.95	NO							
L0003311		0	0.11450E+02	496580.5	3605719.2	0.0	4.27	23.26
5.95	NO							
L0003312		0	0.11450E+02	496581.5	3605769.2	0.0	4.27	23.26
5.95	NO							
L0003313		0	0.11450E+02	496582.5	3605819.1	0.0	4.27	23.26
5.95	NO							
L0003314		0	0.11450E+02	496583.4	3605869.1	0.0	4.27	23.26
5.95	NO							
L0003315		0	0.11450E+02	496584.4	3605919.1	0.0	4.27	23.26
5.95	NO							
L0003316		0	0.11450E+02	496585.4	3605969.1	0.0	4.27	23.26
5.95	NO							
L0003317		0	0.11450E+02	496586.4	3606019.1	0.0	4.27	23.26
5.95	NO							
L0003318		0	0.11450E+02	496587.3	3606069.1	0.0	4.27	23.26
5.95	NO							
L0003319		0	0.11450E+02	496588.3	3606119.1	0.0	4.27	23.26
5.95	NO							
L0003320		0	0.11450E+02	496589.3	3606169.1	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 6

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003321		0	0.11450E+02		496590.2	3606219.1	0.0	23.26
5.95	NO							
L0003322		0	0.11450E+02		496591.2	3606269.1	0.0	23.26
5.95	NO							
L0003323		0	0.11450E+02		496592.2	3606319.1	0.0	23.26
5.95	NO							
L0003324		0	0.11450E+02		496593.2	3606369.0	0.0	23.26
5.95	NO							
L0003510		0	0.78420E+01		498689.7	3603439.9	0.0	18.60
5.95	NO							
L0003511		0	0.78420E+01		498729.7	3603439.3	0.0	18.60
5.95	NO							
L0003512		0	0.78420E+01		498769.7	3603438.7	0.0	18.60
5.95	NO							
L0003513		0	0.78420E+01		498809.7	3603438.1	0.0	18.60
5.95	NO							
L0003514		0	0.78420E+01		498849.7	3603437.5	0.0	18.60
5.95	NO							
L0003515		0	0.78420E+01		498889.7	3603436.8	0.0	18.60
5.95	NO							
L0003516		0	0.78420E+01		498929.7	3603436.2	0.0	18.60
5.95	NO							
L0003517		0	0.78420E+01		498969.7	3603435.6	0.0	18.60
5.95	NO							
L0003518		0	0.78420E+01		499009.7	3603435.0	0.0	18.60
5.95	NO							
L0003519		0	0.78420E+01		499049.7	3603434.3	0.0	18.60
5.95	NO							
L0003520		0	0.78420E+01		499089.7	3603433.7	0.0	18.60
5.95	NO							
L0003521		0	0.78420E+01		499129.7	3603433.1	0.0	18.60
5.95	NO							
L0003522		0	0.78420E+01		499169.7	3603432.5	0.0	18.60
5.95	NO							
L0003523		0	0.78420E+01		499209.7	3603431.9	0.0	18.60
5.95	NO							
L0003524		0	0.78420E+01		499249.7	3603431.2	0.0	18.60
5.95	NO							
L0003525		0	0.78420E+01		499289.7	3603430.6	0.0	18.60

5.95	NO							
L0003526		0	0.78420E+01	499329.7	3603430.0	0.0	4.27	18.60
5.95	NO							
L0003527		0	0.78420E+01	499369.7	3603429.4	0.0	4.27	18.60
5.95	NO							
L0003528		0	0.78420E+01	499409.7	3603428.8	0.0	4.27	18.60
5.95	NO							
L0003529		0	0.78420E+01	499449.7	3603428.1	0.0	4.27	18.60
5.95	NO							
L0003530		0	0.111140E+02	499504.1	3603427.5	0.0	4.27	18.60
5.95	NO							
L0003531		0	0.111140E+02	499544.1	3603427.2	0.0	4.27	18.60
5.95	NO							
L0003532		0	0.111140E+02	499584.1	3603427.0	0.0	4.27	18.60
5.95	NO							
L0003533		0	0.111140E+02	499624.1	3603426.8	0.0	4.27	18.60
5.95	NO							
L0003534		0	0.111140E+02	499664.1	3603426.5	0.0	4.27	18.60
5.95	NO							
L0003535		0	0.111140E+02	499704.1	3603426.3	0.0	4.27	18.60
5.95	NO							
L0003536		0	0.111140E+02	499744.1	3603426.1	0.0	4.27	18.60
5.95	NO							
L0003537		0	0.111140E+02	499784.1	3603425.8	0.0	4.27	18.60
5.95	NO							
L0003538		0	0.111140E+02	499824.1	3603425.6	0.0	4.27	18.60
5.95	NO							
L0003539		0	0.111140E+02	499864.0	3603425.4	0.0	4.27	18.60
5.95	NO							
L0003540		0	0.10060E+02	499906.4	3603424.9	0.0	4.27	18.60
5.95	NO							
L0003541		0	0.10060E+02	499946.3	3603424.2	0.0	4.27	18.60
5.95	NO							
L0003542		0	0.10060E+02	499986.3	3603423.5	0.0	4.27	18.60
5.95	NO							
L0003543		0	0.10060E+02	500026.3	3603422.9	0.0	4.27	18.60
5.95	NO							
L0003544		0	0.10060E+02	500066.3	3603422.2	0.0	4.27	18.60
5.95	NO							
L0003545		0	0.10060E+02	500106.3	3603421.5	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 7

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003546		0	0.10060E+02		500146.3	3603420.8	0.0	4.27
5.95	NO							18.60
L0003547		0	0.10060E+02		500186.3	3603420.1	0.0	4.27
5.95	NO							18.60
L0003548		0	0.10060E+02		500226.3	3603419.4	0.0	4.27
5.95	NO							18.60
L0003549		0	0.10060E+02		500266.3	3603418.7	0.0	4.27
5.95	NO							18.60
L0003550		0	0.82750E+01		500313.2	3603418.0	0.0	4.27
5.95	NO							18.60
L0003551		0	0.82750E+01		500353.2	3603417.3	0.0	4.27
5.95	NO							18.60
L0003552		0	0.82750E+01		500393.2	3603416.7	0.0	4.27
5.95	NO							18.60
L0003553		0	0.82750E+01		500433.2	3603416.0	0.0	4.27
5.95	NO							18.60
L0003554		0	0.82750E+01		500473.2	3603415.3	0.0	4.27
5.95	NO							18.60
L0003555		0	0.82750E+01		500513.2	3603414.7	0.0	4.27
5.95	NO							18.60
L0003556		0	0.82750E+01		500553.2	3603414.0	0.0	4.27
5.95	NO							18.60
L0003557		0	0.82750E+01		500593.2	3603413.4	0.0	4.27
5.95	NO							18.60
L0003558		0	0.82750E+01		500633.2	3603412.7	0.0	4.27
5.95	NO							18.60
L0003559		0	0.82750E+01		500673.2	3603412.0	0.0	4.27
5.95	NO							18.60
L0003560		0	0.82750E+01		500713.2	3603411.4	0.0	4.27
5.95	NO							18.60
L0003561		0	0.82750E+01		500753.2	3603410.7	0.0	4.27
5.95	NO							18.60
L0003562		0	0.82750E+01		500793.2	3603410.0	0.0	4.27
5.95	NO							18.60
L0003563		0	0.82750E+01		500833.1	3603409.4	0.0	4.27
5.95	NO							18.60
L0003564		0	0.82750E+01		500873.1	3603408.7	0.0	4.27
5.95	NO							18.60
L0003565		0	0.82750E+01		500913.1	3603408.0	0.0	4.27

5.95	NO							
L0003566		0	0.82750E+01	500953.1	3603407.4	0.0	4.27	18.60
5.95	NO							
L0003567		0	0.82750E+01	500993.1	3603406.7	0.0	4.27	18.60
5.95	NO							
L0003568		0	0.82750E+01	501033.1	3603406.1	0.0	4.27	18.60
5.95	NO							
L0003569		0	0.82750E+01	501073.1	3603405.4	0.0	4.27	18.60
5.95	NO							
L0003570		0	0.47590E+01	501122.9	3603404.5	0.0	4.27	18.60
5.95	NO							
L0003571		0	0.47590E+01	501162.9	3603403.6	0.0	4.27	18.60
5.95	NO							
L0003572		0	0.47590E+01	501202.9	3603402.8	0.0	4.27	18.60
5.95	NO							
L0003573		0	0.47590E+01	501242.9	3603402.0	0.0	4.27	18.60
5.95	NO							
L0003574		0	0.47590E+01	501282.9	3603401.2	0.0	4.27	18.60
5.95	NO							
L0003575		0	0.47590E+01	501322.9	3603400.3	0.0	4.27	18.60
5.95	NO							
L0003576		0	0.47590E+01	501362.9	3603399.5	0.0	4.27	18.60
5.95	NO							
L0003577		0	0.47590E+01	501402.9	3603398.7	0.0	4.27	18.60
5.95	NO							
L0003578		0	0.47590E+01	501442.9	3603397.8	0.0	4.27	18.60
5.95	NO							
L0003579		0	0.47590E+01	501482.9	3603397.0	0.0	4.27	18.60
5.95	NO							
L0003580		0	0.47590E+01	501522.9	3603396.2	0.0	4.27	18.60
5.95	NO							
L0003581		0	0.47590E+01	501562.8	3603395.4	0.0	4.27	18.60
5.95	NO							
L0003582		0	0.47590E+01	501602.8	3603394.5	0.0	4.27	18.60
5.95	NO							
L0003583		0	0.47590E+01	501642.8	3603393.7	0.0	4.27	18.60
5.95	NO							
L0003584		0	0.47590E+01	501682.8	3603392.9	0.0	4.27	18.60
5.95	NO							
L0003585		0	0.47590E+01	501722.8	3603392.0	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 8

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003586		0	0.47590E+01		501762.8	3603391.2	0.0	4.27
5.95	NO							18.60
L0003587		0	0.47590E+01		501802.8	3603390.4	0.0	4.27
5.95	NO							18.60
L0003588		0	0.47590E+01		501842.8	3603389.6	0.0	4.27
5.95	NO							18.60
L0003589		0	0.47590E+01		501882.8	3603388.7	0.0	4.27
5.95	NO							18.60
L0003590		0	0.26650E+01		501923.1	3603388.1	0.0	4.27
5.95	NO							18.60
L0003591		0	0.26650E+01		501963.1	3603387.7	0.0	4.27
5.95	NO							18.60
L0003592		0	0.26650E+01		502003.1	3603387.3	0.0	4.27
5.95	NO							18.60
L0003593		0	0.26650E+01		502043.1	3603386.9	0.0	4.27
5.95	NO							18.60
L0003594		0	0.26650E+01		502083.1	3603386.4	0.0	4.27
5.95	NO							18.60
L0003595		0	0.26650E+01		502123.1	3603386.0	0.0	4.27
5.95	NO							18.60
L0003596		0	0.26650E+01		502163.1	3603385.6	0.0	4.27
5.95	NO							18.60
L0003597		0	0.26650E+01		502203.1	3603385.2	0.0	4.27
5.95	NO							18.60
L0003598		0	0.26650E+01		502243.1	3603384.8	0.0	4.27
5.95	NO							18.60
L0003599		0	0.26650E+01		502283.1	3603384.4	0.0	4.27
5.95	NO							18.60
L0003600		0	0.26650E+01		502323.1	3603384.0	0.0	4.27
5.95	NO							18.60
L0003601		0	0.26650E+01		502363.1	3603383.6	0.0	4.27
5.95	NO							18.60
L0003602		0	0.26650E+01		502403.1	3603383.1	0.0	4.27
5.95	NO							18.60
L0003603		0	0.26650E+01		502443.1	3603382.7	0.0	4.27
5.95	NO							18.60
L0003604		0	0.26650E+01		502483.1	3603382.3	0.0	4.27
5.95	NO							18.60
L0003605		0	0.26650E+01		502523.1	3603381.9	0.0	4.27

5.95	NO							
L0003606		0	0.26650E+01	502563.1	3603381.5	0.0	4.27	18.60
5.95	NO							
L0003607		0	0.26650E+01	502603.1	3603381.1	0.0	4.27	18.60
5.95	NO							
L0003608		0	0.26650E+01	502643.1	3603380.7	0.0	4.27	18.60
5.95	NO							
L0003609		0	0.26650E+01	502683.1	3603380.2	0.0	4.27	18.60
5.95	NO							
L0003610		0	0.26650E+01	502723.0	3603379.8	0.0	4.27	18.60
5.95	NO							
L0003611		0	0.26650E+01	502763.0	3603379.4	0.0	4.27	18.60
5.95	NO							
L0003612		0	0.26650E+01	502803.0	3603379.0	0.0	4.27	18.60
5.95	NO							
L0003613		0	0.26650E+01	502843.0	3603378.6	0.0	4.27	18.60
5.95	NO							
L0003614		0	0.26650E+01	502883.0	3603378.2	0.0	4.27	18.60
5.95	NO							
L0003615		0	0.26650E+01	502923.0	3603377.8	0.0	4.27	18.60
5.95	NO							
L0003616		0	0.26650E+01	502963.0	3603377.4	0.0	4.27	18.60
5.95	NO							
L0003617		0	0.26650E+01	503003.0	3603376.9	0.0	4.27	18.60
5.95	NO							
L0003618		0	0.26650E+01	503043.0	3603376.5	0.0	4.27	18.60
5.95	NO							
L0003619		0	0.26650E+01	503083.0	3603376.1	0.0	4.27	18.60
5.95	NO							
L0003620		0	0.26650E+01	503123.0	3603375.7	0.0	4.27	18.60
5.95	NO							
L0003621		0	0.26650E+01	503163.0	3603375.3	0.0	4.27	18.60
5.95	NO							
L0003622		0	0.26650E+01	503203.0	3603374.9	0.0	4.27	18.60
5.95	NO							
L0003623		0	0.26650E+01	503243.0	3603374.5	0.0	4.27	18.60
5.95	NO							
L0003624		0	0.26650E+01	503283.0	3603374.0	0.0	4.27	18.60
5.95	NO							
L0003625		0	0.26650E+01	503323.0	3603373.6	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 9

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0003626		0	0.26650E+01		503363.0	3603373.2	4.27	18.60
5.95	NO							
L0003627		0	0.26650E+01		503403.0	3603372.8	4.27	18.60
5.95	NO							
L0003628		0	0.26650E+01		503443.0	3603372.4	4.27	18.60
5.95	NO							
L0003629		0	0.26650E+01		503483.0	3603372.0	4.27	18.60
5.95	NO							
L0003630		0	0.26650E+01		503523.0	3603371.6	4.27	18.60
5.95	NO							
L0002810		0	0.55520E+01		503499.1	3602978.5	4.27	23.26
1.98	NO							
L0002811		0	0.55520E+01		503449.1	3602978.7	4.27	23.26
1.98	NO							
L0002812		0	0.55520E+01		503399.1	3602978.8	4.27	23.26
1.98	NO							
L0002813		0	0.55520E+01		503349.1	3602979.0	4.27	23.26
1.98	NO							
L0002814		0	0.55520E+01		503299.1	3602979.2	4.27	23.26
1.98	NO							
L0002815		0	0.55520E+01		503249.1	3602979.3	4.27	23.26
1.98	NO							
L0002816		0	0.55520E+01		503199.1	3602979.5	4.27	23.26
1.98	NO							
L0002817		0	0.55520E+01		503149.1	3602979.6	4.27	23.26
1.98	NO							
L0002818		0	0.55520E+01		503099.1	3602979.8	4.27	23.26
1.98	NO							
L0002819		0	0.55520E+01		503049.1	3602980.0	4.27	23.26
1.98	NO							
L0002820		0	0.55520E+01		502999.1	3602980.1	4.27	23.26
1.98	NO							
L0002821		0	0.55520E+01		502949.1	3602980.3	4.27	23.26
1.98	NO							
L0002822		0	0.55520E+01		502899.1	3602980.5	4.27	23.26
1.98	NO							
L0002823		0	0.55520E+01		502849.1	3602980.6	4.27	23.26
1.98	NO							
L0002824		0	0.55520E+01		502799.1	3602980.8	4.27	23.26

1.98	NO							
L0002825		0	0.55520E+01	502749.1	3602981.0	0.0	4.27	23.26
1.98	NO							
L0002826		0	0.55520E+01	502699.1	3602981.1	0.0	4.27	23.26
1.98	NO							
L0002827		0	0.55520E+01	502649.1	3602981.3	0.0	4.27	23.26
1.98	NO							
L0002828		0	0.55520E+01	502599.1	3602981.4	0.0	4.27	23.26
1.98	NO							
L0002829		0	0.55520E+01	502549.1	3602981.6	0.0	4.27	23.26
1.98	NO							
L0002830		0	0.55520E+01	502499.1	3602981.8	0.0	4.27	23.26
1.98	NO							
L0002831		0	0.55520E+01	502449.1	3602981.9	0.0	4.27	23.26
1.98	NO							
L0002832		0	0.55520E+01	502399.1	3602982.1	0.0	4.27	23.26
1.98	NO							
L0002833		0	0.55520E+01	502349.1	3602982.3	0.0	4.27	23.26
1.98	NO							
L0002834		0	0.55520E+01	502299.1	3602982.4	0.0	4.27	23.26
1.98	NO							
L0002835		0	0.55520E+01	502249.1	3602982.6	0.0	4.27	23.26
1.98	NO							
L0002836		0	0.55520E+01	502199.1	3602982.8	0.0	4.27	23.26
1.98	NO							
L0002837		0	0.55520E+01	502149.1	3602982.9	0.0	4.27	23.26
1.98	NO							
L0002838		0	0.55520E+01	502099.1	3602983.1	0.0	4.27	23.26
1.98	NO							
L0002839		0	0.55520E+01	502049.1	3602983.2	0.0	4.27	23.26
1.98	NO							
L0002840		0	0.55520E+01	501999.1	3602983.4	0.0	4.27	23.26
1.98	NO							
L0002841		0	0.55520E+01	501949.1	3602983.6	0.0	4.27	23.26
1.98	NO							
L0002975		0	0.12480E+02	501874.9	3602983.7	0.0	4.27	23.26
5.95	NO							
L0002976		0	0.12480E+02	501824.9	3602983.7	0.0	4.27	23.26
5.95	NO							
L0002977		0	0.12480E+02	501774.9	3602983.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 10

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0002978		0	0.12480E+02		501724.9	3602984.5	0.0	4.27
5.95	NO							23.26
L0002979		0	0.12480E+02		501675.0	3602986.8	0.0	4.27
5.95	NO							23.26
L0002980		0	0.12480E+02		501625.1	3602989.7	0.0	4.27
5.95	NO							23.26
L0002981		0	0.12480E+02		501575.3	3602994.0	0.0	4.27
5.95	NO							23.26
L0002982		0	0.12480E+02		501525.6	3603000.1	0.0	4.27
5.95	NO							23.26
L0002983		0	0.12480E+02		501476.1	3603006.9	0.0	4.27
5.95	NO							23.26
L0002984		0	0.12480E+02		501426.6	3603014.2	0.0	4.27
5.95	NO							23.26
L0002985		0	0.12480E+02		501377.2	3603021.6	0.0	4.27
5.95	NO							23.26
L0002986		0	0.12480E+02		501327.7	3603028.9	0.0	4.27
5.95	NO							23.26
L0002987		0	0.12480E+02		501278.3	3603036.2	0.0	4.27
5.95	NO							23.26
L0002988		0	0.12480E+02		501228.8	3603043.6	0.0	4.27
5.95	NO							23.26
L0002989		0	0.12480E+02		501179.3	3603050.8	0.0	4.27
5.95	NO							23.26
L0002990		0	0.12480E+02		501129.5	3603055.0	0.0	4.27
5.95	NO							23.26
L0002991		0	0.12480E+02		501072.6	3603057.9	0.0	4.27
5.95	NO							23.26
L0002992		0	0.12480E+02		501022.6	3603058.6	0.0	4.27
5.95	NO							23.26
L0002993		0	0.12480E+02		500972.7	3603058.5	0.0	4.27
5.95	NO							23.26
L0002994		0	0.12480E+02		500922.7	3603057.0	0.0	4.27
5.95	NO							23.26
L0002995		0	0.12480E+02		500872.9	3603052.2	0.0	4.27
5.95	NO							23.26
L0002996		0	0.12480E+02		500823.2	3603047.3	0.0	4.27
5.95	NO							23.26
L0002997		0	0.12480E+02		500773.6	3603040.8	0.0	4.27
								23.26

5.95	NO							
L0002998		0	0.12480E+02	500724.2	3603033.1	0.0	4.27	23.26
5.95	NO							
L0002999		0	0.12480E+02	500674.9	3603024.7	0.0	4.27	23.26
5.95	NO							
L0003000		0	0.12480E+02	500625.7	3603015.8	0.0	4.27	23.26
5.95	NO							
L0003001		0	0.12480E+02	500576.8	3603005.5	0.0	4.27	23.26
5.95	NO							
L0003002		0	0.12480E+02	500527.5	3602997.0	0.0	4.27	23.26
5.95	NO							
L0003003		0	0.12480E+02	500478.2	3602988.7	0.0	4.27	23.26
5.95	NO							
L0003004		0	0.12480E+02	500428.9	3602980.5	0.0	4.27	23.26
5.95	NO							
L0003005		0	0.12480E+02	500379.0	3602978.6	0.0	4.27	23.26
5.95	NO							
L0003006		0	0.12480E+02	500329.0	3602978.7	0.0	4.27	23.26
5.95	NO							
L0003007		0	0.66510E+01	500264.0	3602984.5	0.0	4.27	23.26
5.95	NO							
L0003008		0	0.66510E+01	500214.9	3602994.0	0.0	4.27	23.26
5.95	NO							
L0003009		0	0.66510E+01	500166.8	3603007.3	0.0	4.27	23.26
5.95	NO							
L0003010		0	0.66510E+01	500119.9	3603024.7	0.0	4.27	23.26
5.95	NO							
L0003011		0	0.66510E+01	500073.9	3603044.3	0.0	4.27	23.26
5.95	NO							
L0003012		0	0.66510E+01	500028.4	3603064.8	0.0	4.27	23.26
5.95	NO							
L0003013		0	0.66510E+01	499982.8	3603085.3	0.0	4.27	23.26
5.95	NO							
L0003014		0	0.66510E+01	499937.2	3603105.9	0.0	4.27	23.26
5.95	NO							
L0003015		0	0.66510E+01	499891.5	3603126.2	0.0	4.27	23.26
5.95	NO							
L0003016		0	0.66510E+01	499845.8	3603146.4	0.0	4.27	23.26
5.95	NO							
L0003017		0	0.66510E+01	499799.8	3603166.0	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 11

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003018		0	0.66510E+01		499753.2	3603184.2	0.0	23.26
5.95	NO							
L0003019		0	0.66510E+01		499706.0	3603200.2	0.0	23.26
5.95	NO							
L0003020		0	0.66510E+01		499657.1	3603210.7	0.0	23.26
5.95	NO							
L0003021		0	0.66510E+01		499608.2	3603221.3	0.0	23.26
5.95	NO							
L0003022		0	0.66510E+01		499558.6	3603227.6	0.0	23.26
5.95	NO							
L0003023		0	0.66510E+01		499508.7	3603228.9	0.0	23.26
5.95	NO							
L0003024		0	0.66510E+01		499458.7	3603228.5	0.0	23.26
5.95	NO							
L0003025		0	0.66510E+01		499408.8	3603224.7	0.0	23.26
5.95	NO							
L0003026		0	0.66510E+01		499359.0	3603220.4	0.0	23.26
5.95	NO							
L0003027		0	0.66510E+01		499309.2	3603216.2	0.0	23.26
5.95	NO							
L0003028		0	0.66510E+01		499259.4	3603211.9	0.0	23.26
5.95	NO							
L0003029		0	0.66510E+01		499209.5	3603207.6	0.0	23.26
5.95	NO							
L0003030		0	0.66510E+01		499159.7	3603203.4	0.0	23.26
5.95	NO							
L0003031		0	0.66510E+01		499109.9	3603199.1	0.0	23.26
5.95	NO							
L0003032		0	0.66510E+01		499060.1	3603194.9	0.0	23.26
5.95	NO							
L0003033		0	0.66510E+01		499010.3	3603190.6	0.0	23.26
5.95	NO							
L0003034		0	0.66510E+01		498960.5	3603186.3	0.0	23.26
5.95	NO							
L0003035		0	0.66510E+01		498910.6	3603182.6	0.0	23.26
5.95	NO							
L0003036		0	0.66510E+01		498860.7	3603180.4	0.0	23.26
5.95	NO							
L0003037		0	0.66510E+01		498810.7	3603182.0	0.0	23.26

5.95	NO							
L0003038		0	0.66510E+01	498761.0	3603186.7	0.0	4.27	23.26
5.95	NO							
L0003039		0	0.66510E+01	498711.6	3603194.2	0.0	4.27	23.26
5.95	NO							
L0003040		0	0.66510E+01	498662.6	3603204.3	0.0	4.27	23.26
5.95	NO							
L0003164		0	0.28330E+02	498626.0	3603213.5	0.0	4.27	23.26
5.95	NO							
L0003165		0	0.28330E+02	498578.4	3603228.5	0.0	4.27	23.26
5.95	NO							
L0003166		0	0.28330E+02	498532.0	3603247.0	0.0	4.27	23.26
5.95	NO							
L0003167		0	0.28330E+02	498485.5	3603265.5	0.0	4.27	23.26
5.95	NO							
L0003168		0	0.28330E+02	498439.1	3603284.0	0.0	4.27	23.26
5.95	NO							
L0003169		0	0.28330E+02	498392.6	3603302.5	0.0	4.27	23.26
5.95	NO							
L0003170		0	0.28330E+02	498346.1	3603321.0	0.0	4.27	23.26
5.95	NO							
L0003171		0	0.28330E+02	498299.7	3603339.5	0.0	4.27	23.26
5.95	NO							
L0003172		0	0.28330E+02	498253.2	3603358.0	0.0	4.27	23.26
5.95	NO							
L0003173		0	0.62540E+01	497186.6	3600574.5	0.0	4.27	23.26
5.95	NO							
L0003174		0	0.62540E+01	497147.4	3600605.6	0.0	4.27	23.26
5.95	NO							
L0003175		0	0.62540E+01	497108.2	3600636.6	0.0	4.27	23.26
5.95	NO							
L0003176		0	0.62540E+01	497069.0	3600667.7	0.0	4.27	23.26
5.95	NO							
L0003177		0	0.62540E+01	497029.8	3600698.7	0.0	4.27	23.26
5.95	NO							
L0003178		0	0.62540E+01	496990.6	3600729.7	0.0	4.27	23.26
5.95	NO							
L0003179		0	0.62540E+01	496951.4	3600760.8	0.0	4.27	23.26
5.95	NO							
L0003180		0	0.62540E+01	496912.2	3600791.8	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 12

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003181		0	0.62540E+01		496873.0	3600822.8	0.0	23.26
5.95	NO							
L0003182		0	0.62540E+01		496833.8	3600853.9	0.0	23.26
5.95	NO							
L0003183		0	0.62540E+01		496794.6	3600884.9	0.0	23.26
5.95	NO							
L0003184		0	0.62540E+01		496755.4	3600916.0	0.0	23.26
5.95	NO							
L0003185		0	0.62540E+01		496716.2	3600947.0	0.0	23.26
5.95	NO							
L0003186		0	0.62540E+01		496677.0	3600978.0	0.0	23.26
5.95	NO							
L0003187		0	0.62540E+01		496638.1	3601009.5	0.0	23.26
5.95	NO							
L0003188		0	0.62540E+01		496599.4	3601041.0	0.0	23.26
5.95	NO							
L0003189		0	0.62540E+01		496560.6	3601072.6	0.0	23.26
5.95	NO							
L0003190		0	0.62540E+01		496521.8	3601104.2	0.0	23.26
5.95	NO							
L0003191		0	0.62540E+01		496483.0	3601135.7	0.0	23.26
5.95	NO							
L0003192		0	0.62540E+01		496444.2	3601167.3	0.0	23.26
5.95	NO							
L0003193		0	0.62540E+01		496405.5	3601198.8	0.0	23.26
5.95	NO							
L0003194		0	0.62540E+01		496366.7	3601230.4	0.0	23.26
5.95	NO							
L0003195		0	0.62540E+01		496327.9	3601262.0	0.0	23.26
5.95	NO							
L0003196		0	0.62540E+01		496289.1	3601293.5	0.0	23.26
5.95	NO							
L0003197		0	0.62540E+01		496258.6	3601332.8	0.0	23.26
5.95	NO							
L0003325		0	0.33520E+01		496222.5	3601391.6	0.0	23.26
5.95	NO							
L0003326		0	0.33520E+01		496201.3	3601436.8	0.0	23.26
5.95	NO							
L0003327		0	0.33520E+01		496182.7	3601483.2	0.0	23.26

5.95	NO							
L0003328		0	0.33520E+01	496166.3	3601530.4	0.0	4.27	23.26
5.95	NO							
L0003329		0	0.33520E+01	496149.9	3601577.6	0.0	4.27	23.26
5.95	NO							
L0003330		0	0.33520E+01	496137.5	3601625.9	0.0	4.27	23.26
5.95	NO							
L0003331		0	0.33520E+01	496128.9	3601675.2	0.0	4.27	23.26
5.95	NO							
L0003332		0	0.33520E+01	496120.2	3601724.4	0.0	4.27	23.26
5.95	NO							
L0003333		0	0.33520E+01	496111.5	3601773.6	0.0	4.27	23.26
5.95	NO							
L0003334		0	0.33520E+01	496102.8	3601822.9	0.0	4.27	23.26
5.95	NO							
L0003335		0	0.33520E+01	496094.1	3601872.1	0.0	4.27	23.26
5.95	NO							
L0003336		0	0.33520E+01	496085.4	3601921.4	0.0	4.27	23.26
5.95	NO							
L0003337		0	0.33520E+01	496074.8	3601970.2	0.0	4.27	23.26
5.95	NO							
L0003338		0	0.33520E+01	496062.6	3602018.7	0.0	4.27	23.26
5.95	NO							
L0003339		0	0.33520E+01	496050.3	3602067.1	0.0	4.27	23.26
5.95	NO							
L0003340		0	0.33520E+01	496042.2	3602116.5	0.0	4.27	23.26
5.95	NO							
L0003341		0	0.33520E+01	496034.2	3602165.8	0.0	4.27	23.26
5.95	NO							
L0003342		0	0.33520E+01	496026.2	3602215.2	0.0	4.27	23.26
5.95	NO							
L0003343		0	0.33520E+01	496018.2	3602264.5	0.0	4.27	23.26
5.95	NO							
L0003344		0	0.33520E+01	496012.6	3602314.1	0.0	4.27	23.26
5.95	NO							
L0003345		0	0.33520E+01	496012.0	3602364.1	0.0	4.27	23.26
5.95	NO							
L0003346		0	0.33520E+01	496011.4	3602414.1	0.0	4.27	23.26
5.95	NO							
L0003347		0	0.33520E+01	496014.9	3602463.9	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 13

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003348		0	0.33520E+01		496019.7	3602513.7	0.0	23.26
5.95	NO							
L0003349		0	0.33520E+01		496024.5	3602563.5	0.0	23.26
5.95	NO							
L0003350		0	0.33520E+01		496035.5	3602612.0	0.0	23.26
5.95	NO							
L0003351		0	0.33520E+01		496046.9	3602660.6	0.0	23.26
5.95	NO							
L0003352		0	0.33520E+01		496056.0	3602709.7	0.0	23.26
5.95	NO							
L0003353		0	0.33520E+01		496065.1	3602758.9	0.0	23.26
5.95	NO							
L0003354		0	0.33520E+01		496074.2	3602808.1	0.0	23.26
5.95	NO							
L0003355		0	0.33520E+01		496083.3	3602857.2	0.0	23.26
5.95	NO							
L0003356		0	0.33520E+01		496092.4	3602906.4	0.0	23.26
5.95	NO							
L0003357		0	0.33520E+01		496101.6	3602955.6	0.0	23.26
5.95	NO							
L0003358		0	0.33520E+01		496110.7	3603004.7	0.0	23.26
5.95	NO							
L0003359		0	0.33520E+01		496119.8	3603053.9	0.0	23.26
5.95	NO							
L0003360		0	0.33520E+01		496128.9	3603103.0	0.0	23.26
5.95	NO							
L0003361		0	0.33520E+01		496138.0	3603152.2	0.0	23.26
5.95	NO							
L0003362		0	0.33520E+01		496147.1	3603201.4	0.0	23.26
5.95	NO							
L0003363		0	0.33520E+01		496156.2	3603250.5	0.0	23.26
5.95	NO							
L0003364		0	0.33520E+01		496165.3	3603299.7	0.0	23.26
5.95	NO							
L0003365		0	0.33520E+01		496174.4	3603348.9	0.0	23.26
5.95	NO							
L0003366		0	0.33520E+01		496183.5	3603398.0	0.0	23.26
5.95	NO							
L0003367		0	0.25140E+01		505205.7	3602558.2	0.0	23.26

5.95	NO							
L0003368		0	0.25140E+01	505185.8	3602604.0	0.0	4.27	23.26
5.95	NO							
L0003369		0	0.25140E+01	505173.3	3602652.2	0.0	4.27	23.26
5.95	NO							
L0003370		0	0.25140E+01	505164.6	3602701.4	0.0	4.27	23.26
5.95	NO							
L0003371		0	0.25140E+01	505156.2	3602750.6	0.0	4.27	23.26
5.95	NO							
L0003372		0	0.25140E+01	505157.6	3602800.6	0.0	4.27	23.26
5.95	NO							
L0003373		0	0.25140E+01	505159.0	3602850.6	0.0	4.27	23.26
5.95	NO							
L0003374		0	0.25140E+01	505156.8	3602900.3	0.0	4.27	23.26
5.95	NO							
L0003375		0	0.25140E+01	505148.8	3602949.7	0.0	4.27	23.26
5.95	NO							
L0003376		0	0.25140E+01	505140.7	3602999.0	0.0	4.27	23.26
5.95	NO							
L0003377		0	0.25140E+01	505128.1	3603047.3	0.0	4.27	23.26
5.95	NO							
L0003378		0	0.25140E+01	505112.3	3603094.7	0.0	4.27	23.26
5.95	NO							
L0003379		0	0.25140E+01	505089.3	3603138.2	0.0	4.27	23.26
5.95	NO							
L0003380		0	0.25140E+01	505057.4	3603176.7	0.0	4.27	23.26
5.95	NO							
L0003381		0	0.25140E+01	505025.6	3603215.2	0.0	4.27	23.26
5.95	NO							
L0003382		0	0.25140E+01	504993.7	3603253.7	0.0	4.27	23.26
5.95	NO							
L0003383		0	0.25140E+01	504952.1	3603280.9	0.0	4.27	23.26
5.95	NO							
L0003384		0	0.25140E+01	504909.0	3603306.2	0.0	4.27	23.26
5.95	NO							
L0003385		0	0.25140E+01	504865.9	3603331.6	0.0	4.27	23.26
5.95	NO							
L0003386		0	0.25140E+01	504822.8	3603356.9	0.0	4.27	23.26
5.95	NO							
L0003387		0	0.25140E+01	504801.8	3603399.6	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 14

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003388		0	0.25140E+01		504787.5	3603447.5	0.0	4.27
5.95	NO							23.26
L0003389		0	0.25140E+01		504773.1	3603495.4	0.0	4.27
5.95	NO							23.26
L0003390		0	0.25140E+01		504758.8	3603543.3	0.0	4.27
5.95	NO							23.26
L0003391		0	0.25140E+01		504742.2	3603590.4	0.0	4.27
5.95	NO							23.26
L0003392		0	0.25140E+01		504725.0	3603637.4	0.0	4.27
5.95	NO							23.26
L0003393		0	0.25140E+01		504707.8	3603684.3	0.0	4.27
5.95	NO							23.26
L0003394		0	0.25140E+01		504688.9	3603730.4	0.0	4.27
5.95	NO							23.26
L0003395		0	0.25140E+01		504662.2	3603772.7	0.0	4.27
5.95	NO							23.26
L0003396		0	0.25140E+01		504635.5	3603815.0	0.0	4.27
5.95	NO							23.26
L0003397		0	0.25140E+01		504608.7	3603857.2	0.0	4.27
5.95	NO							23.26
L0003398		0	0.25140E+01		504575.0	3603894.1	0.0	4.27
5.95	NO							23.26
L0003399		0	0.25140E+01		504541.3	3603931.1	0.0	4.27
5.95	NO							23.26
L0003400		0	0.25140E+01		504507.6	3603968.0	0.0	4.27
5.95	NO							23.26
L0003401		0	0.25140E+01		504472.2	3604003.2	0.0	4.27
5.95	NO							23.26
L0003402		0	0.25140E+01		504434.4	3604036.0	0.0	4.27
5.95	NO							23.26
L0003403		0	0.25140E+01		504396.6	3604068.7	0.0	4.27
5.95	NO							23.26
L0003404		0	0.25140E+01		504358.3	3604100.8	0.0	4.27
5.95	NO							23.26
L0003405		0	0.25140E+01		504318.9	3604131.5	0.0	4.27
5.95	NO							23.26
L0003406		0	0.25140E+01		504279.4	3604162.2	0.0	4.27
5.95	NO							23.26
L0003407		0	0.25140E+01		504239.9	3604192.9	0.0	4.27

5.95	NO							
L0003408		0	0.25140E+01	504200.5	3604223.6	0.0	4.27	23.26
5.95	NO							
L0003409		0	0.25140E+01	504161.0	3604254.3	0.0	4.27	23.26
5.95	NO							
L0003410		0	0.25140E+01	504121.5	3604285.0	0.0	4.27	23.26
5.95	NO							
L0003411		0	0.25140E+01	504082.0	3604315.7	0.0	4.27	23.26
5.95	NO							
L0003412		0	0.25140E+01	504042.6	3604346.4	0.0	4.27	23.26
5.95	NO							
L0003413		0	0.25140E+01	504003.1	3604377.0	0.0	4.27	23.26
5.95	NO							
L0003414		0	0.25140E+01	503963.6	3604407.7	0.0	4.27	23.26
5.95	NO							
L0003415		0	0.25140E+01	503924.2	3604438.4	0.0	4.27	23.26
5.95	NO							
L0003416		0	0.25140E+01	503884.7	3604469.1	0.0	4.27	23.26
5.95	NO							
L0003417		0	0.25140E+01	503845.2	3604499.8	0.0	4.27	23.26
5.95	NO							
L0003418		0	0.25140E+01	503805.7	3604530.5	0.0	4.27	23.26
5.95	NO							
L0003419		0	0.25140E+01	503766.3	3604561.2	0.0	4.27	23.26
5.95	NO							
L0003420		0	0.30410E+01	503713.5	3604605.1	0.0	4.27	23.26
5.95	NO							
L0003421		0	0.30410E+01	503676.5	3604638.7	0.0	4.27	23.26
5.95	NO							
L0003422		0	0.30410E+01	503639.7	3604672.6	0.0	4.27	23.26
5.95	NO							
L0003423		0	0.30410E+01	503607.4	3604710.8	0.0	4.27	23.26
5.95	NO							
L0003424		0	0.30410E+01	503575.2	3604748.9	0.0	4.27	23.26
5.95	NO							
L0003425		0	0.30410E+01	503542.9	3604787.1	0.0	4.27	23.26
5.95	NO							
L0003426		0	0.30410E+01	503510.6	3604825.3	0.0	4.27	23.26
5.95	NO							
L0003427		0	0.30410E+01	503480.9	3604865.5	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 15

**MODELOPTs: RegDFault CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0003428		0	0.30410E+01		503452.7	3604906.8	4.27	23.26
5.95	NO							
L0003429		0	0.30410E+01		503424.5	3604948.0	4.27	23.26
5.95	NO							
L0003430		0	0.30410E+01		503399.6	3604991.3	4.27	23.26
5.95	NO							
L0003431		0	0.30410E+01		503376.3	3605035.6	4.27	23.26
5.95	NO							
L0003432		0	0.30410E+01		503353.0	3605079.8	4.27	23.26
5.95	NO							
L0003433		0	0.30410E+01		503330.1	3605124.2	4.27	23.26
5.95	NO							
L0003434		0	0.30410E+01		503311.1	3605170.5	4.27	23.26
5.95	NO							
L0003435		0	0.30410E+01		503292.2	3605216.8	4.27	23.26
5.95	NO							
L0003436		0	0.30410E+01		503274.5	3605263.5	4.27	23.26
5.95	NO							
L0003437		0	0.30410E+01		503257.4	3605310.5	4.27	23.26
5.95	NO							
L0003438		0	0.30410E+01		503241.2	3605357.8	4.27	23.26
5.95	NO							
L0003439		0	0.30410E+01		503228.2	3605406.0	4.27	23.26
5.95	NO							
L0003440		0	0.30410E+01		503215.1	3605454.3	4.27	23.26
5.95	NO							
L0003441		0	0.30410E+01		503204.6	3605503.1	4.27	23.26
5.95	NO							
L0003442		0	0.30410E+01		503196.2	3605552.4	4.27	23.26
5.95	NO							
L0003443		0	0.30410E+01		503187.7	3605601.7	4.27	23.26
5.95	NO							
L0003444		0	0.30410E+01		503181.0	3605651.2	4.27	23.26
5.95	NO							
L0003445		0	0.30410E+01		503175.1	3605700.9	4.27	23.26
5.95	NO							
L0003446		0	0.30410E+01		503175.1	3605750.8	4.27	23.26
5.95	NO							
L0003447		0	0.30410E+01		503176.7	3605800.8	4.27	23.26

5.95	NO							
L0003448		0	0.30410E+01	503178.4	3605850.7	0.0	4.27	23.26
5.95	NO							
L0003449		0	0.30410E+01	503180.1	3605900.7	0.0	4.27	23.26
5.95	NO							
L0003450		0	0.30410E+01	503181.7	3605950.7	0.0	4.27	23.26
5.95	NO							
L0003451		0	0.30410E+01	503183.4	3606000.7	0.0	4.27	23.26
5.95	NO							
L0003452		0	0.30410E+01	503185.1	3606050.6	0.0	4.27	23.26
5.95	NO							
L0003453		0	0.30410E+01	503192.4	3606099.7	0.0	4.27	23.26
5.95	NO							
L0003454		0	0.30410E+01	503206.1	3606147.8	0.0	4.27	23.26
5.95	NO							
L0003455		0	0.30410E+01	503219.9	3606195.8	0.0	4.27	23.26
5.95	NO							
L0003456		0	0.30410E+01	503233.7	3606243.9	0.0	4.27	23.26
5.95	NO							
L0003457		0	0.30410E+01	503247.5	3606292.0	0.0	4.27	23.26
5.95	NO							
L0003458		0	0.30410E+01	503261.2	3606340.0	0.0	4.27	23.26
5.95	NO							
L0003459		0	0.30410E+01	503275.0	3606388.1	0.0	4.27	23.26
5.95	NO							
L0003460		0	0.30410E+01	503288.8	3606436.2	0.0	4.27	23.26
5.95	NO							
L0003461		0	0.30410E+01	503302.5	3606484.2	0.0	4.27	23.26
5.95	NO							
L0003462		0	0.30410E+01	503316.3	3606532.3	0.0	4.27	23.26
5.95	NO							
L0003463		0	0.30410E+01	503330.1	3606580.4	0.0	4.27	23.26
5.95	NO							
L0003464		0	0.30410E+01	503343.9	3606628.4	0.0	4.27	23.26
5.95	NO							
L0003465		0	0.30410E+01	503349.1	3606678.0	0.0	4.27	23.26
5.95	NO							
L0003466		0	0.30410E+01	503353.0	3606727.9	0.0	4.27	23.26
5.95	NO							
L0003467		0	0.30410E+01	503357.0	3606777.7	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 16

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003468		0	0.30410E+01		503360.9	3606827.6	0.0	23.26
5.95	NO							
L0003469		0	0.30410E+01		503363.2	3606877.5	0.0	23.26
5.95	NO							
L0003470		0	0.30410E+01		503364.4	3606927.5	0.0	23.26
5.95	NO							
L0003471		0	0.30410E+01		503365.5	3606977.5	0.0	23.26
5.95	NO							
L0003472		0	0.30410E+01		503364.1	3607027.4	0.0	23.26
5.95	NO							
L0003473		0	0.30410E+01		503360.5	3607077.3	0.0	23.26
5.95	NO							
L0003474		0	0.30410E+01		503356.8	3607127.1	0.0	23.26
5.95	NO							
L0003475		0	0.30410E+01		503353.2	3607177.0	0.0	23.26
5.95	NO							
L0003476		0	0.30410E+01		503344.1	3607226.1	0.0	23.26
5.95	NO							
L0003477		0	0.30410E+01		503333.3	3607274.9	0.0	23.26
5.95	NO							
L0003478		0	0.30410E+01		503322.6	3607323.7	0.0	23.26
5.95	NO							
L0003697		0	0.58410E+01		503556.8	3603371.1	0.0	18.60
5.95	NO							
L0003698		0	0.58410E+01		503596.8	3603370.5	0.0	18.60
5.95	NO							
L0003699		0	0.58410E+01		503636.8	3603369.8	0.0	18.60
5.95	NO							
L0003700		0	0.58410E+01		503676.8	3603369.1	0.0	18.60
5.95	NO							
L0003701		0	0.58410E+01		503716.8	3603368.5	0.0	18.60
5.95	NO							
L0003702		0	0.58410E+01		503756.8	3603367.8	0.0	18.60
5.95	NO							
L0003703		0	0.58410E+01		503796.8	3603367.1	0.0	18.60
5.95	NO							
L0003704		0	0.58410E+01		503836.8	3603366.5	0.0	18.60
5.95	NO							
L0003705		0	0.58410E+01		503876.8	3603365.8	0.0	18.60

5.95	NO							
L0003706		0	0.58410E+01	503916.8	3603365.1	0.0	4.27	18.60
5.95	NO							
L0003707		0	0.58410E+01	503956.8	3603364.5	0.0	4.27	18.60
5.95	NO							
L0003708		0	0.58410E+01	503996.8	3603363.8	0.0	4.27	18.60
5.95	NO							
L0003709		0	0.58410E+01	504036.8	3603363.1	0.0	4.27	18.60
5.95	NO							
L0003710		0	0.58410E+01	504076.8	3603362.5	0.0	4.27	18.60
5.95	NO							
L0003711		0	0.58410E+01	504116.8	3603361.8	0.0	4.27	18.60
5.95	NO							
L0003712		0	0.58410E+01	504156.8	3603361.1	0.0	4.27	18.60
5.95	NO							
L0003713		0	0.58410E+01	504196.8	3603360.5	0.0	4.27	18.60
5.95	NO							
L0003714		0	0.58410E+01	504236.8	3603359.8	0.0	4.27	18.60
5.95	NO							
L0003715		0	0.58410E+01	504276.7	3603359.1	0.0	4.27	18.60
5.95	NO							
L0003716		0	0.58410E+01	504316.7	3603358.5	0.0	4.27	18.60
5.95	NO							
L0003717		0	0.51380E+01	504366.9	3603357.2	0.0	4.27	18.60
5.95	NO							
L0003718		0	0.51380E+01	504406.9	3603357.0	0.0	4.27	18.60
5.95	NO							
L0003719		0	0.51380E+01	504446.9	3603356.7	0.0	4.27	18.60
5.95	NO							
L0003720		0	0.51380E+01	504486.9	3603356.5	0.0	4.27	18.60
5.95	NO							
L0003721		0	0.51380E+01	504526.9	3603356.3	0.0	4.27	18.60
5.95	NO							
L0003722		0	0.51380E+01	504566.9	3603356.0	0.0	4.27	18.60
5.95	NO							
L0003723		0	0.51380E+01	504606.9	3603355.8	0.0	4.27	18.60
5.95	NO							
L0003724		0	0.51380E+01	504646.9	3603355.6	0.0	4.27	18.60
5.95	NO							
L0003725		0	0.51380E+01	504686.9	3603355.3	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 17

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y		
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					(METERS)
(METERS)								
L0003726		0	0.51380E+01		504726.9	3603355.1	0.0	4.27
5.95	NO							18.60
L0003727		0	0.51380E+01		504766.9	3603354.9	0.0	4.27
5.95	NO							18.60
L0003728		0	0.51380E+01		504806.9	3603354.6	0.0	4.27
5.95	NO							18.60
L0003729		0	0.62330E+01		501070.8	3602603.2	0.0	4.27
5.95	NO							18.60
L0003730		0	0.62330E+01		501030.8	3602603.0	0.0	4.27
5.95	NO							18.60
L0003731		0	0.62330E+01		500990.8	3602602.7	0.0	4.27
5.95	NO							18.60
L0003732		0	0.62330E+01		500950.8	3602602.3	0.0	4.27
5.95	NO							18.60
L0003733		0	0.62330E+01		500910.8	3602602.0	0.0	4.27
5.95	NO							18.60
L0003734		0	0.62330E+01		500870.9	3602600.5	0.0	4.27
5.95	NO							18.60
L0003735		0	0.62330E+01		500831.5	3602593.7	0.0	4.27
5.95	NO							18.60
L0003736		0	0.62330E+01		500792.1	3602586.9	0.0	4.27
5.95	NO							18.60
L0003737		0	0.62330E+01		500754.5	3602573.1	0.0	4.27
5.95	NO							18.60
L0003738		0	0.62330E+01		500718.5	3602555.9	0.0	4.27
5.95	NO							18.60
L0003739		0	0.62330E+01		500683.3	3602537.0	0.0	4.27
5.95	NO							18.60
L0003740		0	0.62330E+01		500649.0	3602516.3	0.0	4.27
5.95	NO							18.60
L0003741		0	0.62330E+01		500614.9	3602495.5	0.0	4.27
5.95	NO							18.60
L0003742		0	0.62330E+01		500577.9	3602480.6	0.0	4.27
5.95	NO							18.60
L0003743		0	0.62330E+01		500540.0	3602468.1	0.0	4.27
5.95	NO							18.60
L0003744		0	0.62330E+01		500500.8	3602459.9	0.0	4.27
5.95	NO							18.60
L0003745		0	0.62330E+01		500461.3	3602454.1	0.0	4.27
								18.60

5.95	NO							
L0003746		0	0.62330E+01	500421.4	3602452.4	0.0	4.27	18.60
5.95	NO							
L0003747		0	0.62330E+01	500381.4	3602450.6	0.0	4.27	18.60
5.95	NO							
L0003748		0	0.62330E+01	500341.4	3602450.3	0.0	4.27	18.60
5.95	NO							
L0003749		0	0.62330E+01	500301.4	3602449.9	0.0	4.27	18.60
5.95	NO							
L0003750		0	0.13630E+02	505993.4	3602159.7	0.0	4.27	18.60
5.95	NO							
L0003751		0	0.13630E+02	505953.5	3602158.5	0.0	4.27	18.60
5.95	NO							
L0003752		0	0.13630E+02	505913.7	3602153.9	0.0	4.27	18.60
5.95	NO							
L0003753		0	0.13630E+02	505874.7	3602145.7	0.0	4.27	18.60
5.95	NO							
L0003754		0	0.13630E+02	505838.7	3602129.0	0.0	4.27	18.60
5.95	NO							
L0003755		0	0.13630E+02	505804.8	3602107.8	0.0	4.27	18.60
5.95	NO							
L0003756		0	0.13630E+02	505771.6	3602085.5	0.0	4.27	18.60
5.95	NO							
L0003757		0	0.13630E+02	505738.4	3602063.2	0.0	4.27	18.60
5.95	NO							
L0003758		0	0.13630E+02	505705.2	3602040.9	0.0	4.27	18.60
5.95	NO							
L0003759		0	0.13630E+02	505672.0	3602018.6	0.0	4.27	18.60
5.95	NO							
L0003760		0	0.92720E+01	505627.4	3601988.2	0.0	4.27	18.60
5.95	NO							
L0003761		0	0.92720E+01	505594.7	3601965.3	0.0	4.27	18.60
5.95	NO							
L0003762		0	0.92720E+01	505562.0	3601942.3	0.0	4.27	18.60
5.95	NO							
L0003763		0	0.92720E+01	505529.2	3601919.3	0.0	4.27	18.60
5.95	NO							
L0003764		0	0.92720E+01	505496.5	3601896.3	0.0	4.27	18.60
5.95	NO							
L0003765		0	0.92720E+01	505463.7	3601873.3	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 18

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0003766		0	0.92720E+01		505431.0	3601850.4	4.27	18.60
5.95	NO							
L0003767		0	0.92720E+01		505397.6	3601828.4	4.27	18.60
5.95	NO							
L0003768		0	0.92720E+01		505363.1	3601808.1	4.27	18.60
5.95	NO							
L0003769		0	0.92720E+01		505328.7	3601787.7	4.27	18.60
5.95	NO							
L0003770		0	0.92720E+01		505292.7	3601770.3	4.27	18.60
5.95	NO							
L0003771		0	0.92720E+01		505254.9	3601757.7	4.27	18.60
5.95	NO							
L0003772		0	0.92720E+01		505216.2	3601747.6	4.27	18.60
5.95	NO							
L0003773		0	0.92720E+01		505177.3	3601738.9	4.27	18.60
5.95	NO							
L0003774		0	0.56110E+01		499493.0	3606142.0	4.27	23.26
5.95	NO							
L0003775		0	0.56110E+01		499509.3	3606094.7	4.27	23.26
5.95	NO							
L0003776		0	0.56110E+01		499525.6	3606047.4	4.27	23.26
5.95	NO							
L0003777		0	0.56110E+01		499542.0	3606000.2	4.27	23.26
5.95	NO							
L0003778		0	0.56110E+01		499558.3	3605952.9	4.27	23.26
5.95	NO							
L0003779		0	0.56110E+01		499574.6	3605905.7	4.27	23.26
5.95	NO							
L0003780		0	0.56110E+01		499591.0	3605858.4	4.27	23.26
5.95	NO							
L0003781		0	0.56110E+01		499607.3	3605811.2	4.27	23.26
5.95	NO							
L0003782		0	0.56110E+01		499623.6	3605763.9	4.27	23.26
5.95	NO							
L0003783		0	0.56110E+01		499640.0	3605716.6	4.27	23.26
5.95	NO							
L0003784		0	0.56110E+01		499656.3	3605669.4	4.27	23.26
5.95	NO							
L0003785		0	0.56110E+01		499672.6	3605622.1	4.27	23.26

5.95	NO							
L0003786		0	0.56110E+01	499689.0	3605574.9	0.0	4.27	23.26
5.95	NO							
L0003787		0	0.56110E+01	499705.3	3605527.6	0.0	4.27	23.26
5.95	NO							
L0003788		0	0.56110E+01	499721.6	3605480.4	0.0	4.27	23.26
5.95	NO							
L0003789		0	0.56110E+01	499739.9	3605434.6	0.0	4.27	23.26
5.95	NO							
L0003790		0	0.56110E+01	499782.3	3605408.1	0.0	4.27	23.26
5.95	NO							
L0003791		0	0.56110E+01	499824.4	3605381.3	0.0	4.27	23.26
5.95	NO							
L0003792		0	0.56110E+01	499844.0	3605335.3	0.0	4.27	23.26
5.95	NO							
L0003793		0	0.56110E+01	499863.5	3605289.3	0.0	4.27	23.26
5.95	NO							
L0003794		0	0.56110E+01	499883.1	3605243.3	0.0	4.27	23.26
5.95	NO							
L0003795		0	0.56110E+01	499902.7	3605197.3	0.0	4.27	23.26
5.95	NO							
L0003796		0	0.56110E+01	499918.1	3605150.4	0.0	4.27	23.26
5.95	NO							
L0003797		0	0.56110E+01	499918.8	3605100.4	0.0	4.27	23.26
5.95	NO							
L0003798		0	0.56110E+01	499919.6	3605050.5	0.0	4.27	23.26
5.95	NO							
L0003799		0	0.56110E+01	499920.3	3605000.5	0.0	4.27	23.26
5.95	NO							
L0003800		0	0.56110E+01	499921.0	3604950.5	0.0	4.27	23.26
5.95	NO							
L0003801		0	0.56110E+01	499921.8	3604900.5	0.0	4.27	23.26
5.95	NO							
L0003802		0	0.56110E+01	499924.9	3604850.8	0.0	4.27	23.26
5.95	NO							
L0003803		0	0.56110E+01	499935.7	3604801.9	0.0	4.27	23.26
5.95	NO							
L0003804		0	0.56110E+01	499946.5	3604753.1	0.0	4.27	23.26
5.95	NO							
L0003805		0	0.56110E+01	499957.3	3604704.3	0.0	4.27	23.26
5.95	NO							

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 19

**MODELOPTs: RegDFAULT CONC

ELEV

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	Y	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0003806		0	0.96080E+01		499970.0	3604650.4	4.27	23.26
5.95	NO							
L0003807		0	0.96080E+01		499982.4	3604601.9	4.27	23.26
5.95	NO							
L0003808		0	0.96080E+01		499994.8	3604553.5	4.27	23.26
5.95	NO							
L0003809		0	0.96080E+01		500007.2	3604505.1	4.27	23.26
5.95	NO							
L0003810		0	0.96080E+01		500019.6	3604456.6	4.27	23.26
5.95	NO							
L0003811		0	0.96080E+01		500032.1	3604408.2	4.27	23.26
5.95	NO							
L0003812		0	0.96080E+01		500044.5	3604359.7	4.27	23.26
5.95	NO							
L0003813		0	0.96080E+01		500056.9	3604311.3	4.27	23.26
5.95	NO							
L0003814		0	0.96080E+01		500069.3	3604262.9	4.27	23.26
5.95	NO							
L0003815		0	0.96080E+01		500081.7	3604214.4	4.27	23.26
5.95	NO							
L0003816		0	0.96080E+01		500094.1	3604166.0	4.27	23.26
5.95	NO							
L0003817		0	0.96080E+01		500106.5	3604117.6	4.27	23.26
5.95	NO							
L0003818		0	0.96080E+01		500118.9	3604069.1	4.27	23.26
5.95	NO							
L0003819		0	0.96080E+01		500132.3	3604021.0	4.27	23.26
5.95	NO							
L0003820		0	0.96080E+01		500147.5	3603973.4	4.27	23.26
5.95	NO							
L0003821		0	0.96080E+01		500162.8	3603925.7	4.27	23.26
5.95	NO							
L0003822		0	0.96080E+01		500178.1	3603878.1	4.27	23.26
5.95	NO							
L0003823		0	0.13630E+02		501899.8	3602963.7	0.00	18.60
5.95	NO							
L0003824		0	0.13630E+02		501899.6	3602923.7	0.00	18.60
5.95	NO							
L0003825		0	0.13630E+02		501899.3	3602883.7	0.00	18.60

5.95	NO							
L0003826		0	0.13630E+02	501899.0	3602843.7	0.0	0.00	18.60
5.95	NO							
L0003827		0	0.13630E+02	501898.8	3602803.7	0.0	0.00	18.60
5.95	NO							
L0003828		0	0.13630E+02	501898.5	3602763.7	0.0	0.00	18.60
5.95	NO							
L0003829		0	0.13630E+02	501898.3	3602723.7	0.0	0.00	18.60
5.95	NO							
L0003830		0	0.13630E+02	501898.0	3602683.7	0.0	0.00	18.60
5.95	NO							
L0003831		0	0.13630E+02	501897.7	3602643.7	0.0	0.00	18.60
5.95	NO							
L0003832		0	0.13630E+02	501897.5	3602603.7	0.0	0.00	18.60
5.95	NO							
L0003851		0	0.13850E+02	503523.9	3602959.0	0.0	4.27	18.60
5.95	NO							
L0003852		0	0.13850E+02	503524.7	3602919.0	0.0	4.27	18.60
5.95	NO							
L0003853		0	0.13850E+02	503525.4	3602879.0	0.0	4.27	18.60
5.95	NO							
L0003854		0	0.13850E+02	503526.2	3602839.0	0.0	4.27	18.60
5.95	NO							
L0003855		0	0.13850E+02	503527.0	3602799.0	0.0	4.27	18.60
5.95	NO							
L0003856		0	0.13850E+02	503527.7	3602759.0	0.0	4.27	18.60
5.95	NO							
L0003857		0	0.13850E+02	503528.5	3602719.1	0.0	4.27	18.60
5.95	NO							
L0003858		0	0.13850E+02	503529.3	3602679.1	0.0	4.27	18.60
5.95	NO							
L0003859		0	0.13850E+02	503530.0	3602639.1	0.0	4.27	18.60
5.95	NO							
L0003860		0	0.13850E+02	503530.8	3602599.1	0.0	4.27	18.60
5.95	NO							

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 20

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
ALL	L0002912	, L0002913	, L0002914	, L0002915	, L0002916	,
L0002917	, L0002918	, L0002919	,			
L0002925	L0002920	, L0002921	, L0002922	, L0002923	, L0002924	,
	, L0002926	, L0002927	,			
L0002933	L0002928	, L0002929	, L0002930	, L0002931	, L0002932	,
	, L0002934	, L0002935	,			
L0002941	L0002936	, L0002937	, L0002938	, L0002939	, L0002940	,
	, L0002942	, L0002943	,			
L0002949	L0002944	, L0002945	, L0002946	, L0002947	, L0002948	,
	, L0002950	, L0002951	,			
L0002957	L0002952	, L0002953	, L0002954	, L0002955	, L0002956	,
	, L0002958	, L0002959	,			
L0002965	L0002960	, L0002961	, L0002962	, L0002963	, L0002964	,
	, L0002966	, L0002967	,			
L0002973	L0002968	, L0002969	, L0002970	, L0002971	, L0002972	,
	, L0002974	, L0003123	,			
L0003129	L0003124	, L0003125	, L0003126	, L0003127	, L0003128	,
	, L0003130	, L0003131	,			
L0003137	L0003132	, L0003133	, L0003134	, L0003135	, L0003136	,
	, L0003138	, L0003139	,			
L0003145	L0003140	, L0003141	, L0003142	, L0003143	, L0003144	,
	, L0003146	, L0003147	,			
L0003153	L0003148	, L0003149	, L0003150	, L0003151	, L0003152	,
	, L0003154	, L0003155	,			
L0003161	L0003156	, L0003157	, L0003158	, L0003159	, L0003160	,
	, L0003162	, L0003163	,			
L0003270	L0003265	, L0003266	, L0003267	, L0003268	, L0003269	,
	, L0003271	, L0003272	,			
L0003278	L0003273	, L0003274	, L0003275	, L0003276	, L0003277	,
	, L0003279	, L0003280	,			

L0003286 L0003281 , L0003282 , L0003283 , L0003284 , L0003285 ,
, L0003287 , L0003288 ,
L0003294 L0003289 , L0003290 , L0003291 , L0003292 , L0003293 ,
, L0003295 , L0003296 ,
L0003302 L0003297 , L0003298 , L0003299 , L0003300 , L0003301 ,
, L0003303 , L0003304 ,
L0003310 L0003305 , L0003306 , L0003307 , L0003308 , L0003309 ,
, L0003311 , L0003312 ,
L0003318 L0003313 , L0003314 , L0003315 , L0003316 , L0003317 ,
, L0003319 , L0003320 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 21

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0003511	L0003321 , L0003512	, L0003322 , L0003513	, L0003323 ,	, L0003324	, L0003510	,
L0003519	L0003514 , L0003520	, L0003515 , L0003521	, L0003516 ,	, L0003517	, L0003518	,
L0003527	L0003522 , L0003528	, L0003523 , L0003529	, L0003524 ,	, L0003525	, L0003526	,
L0003535	L0003530 , L0003536	, L0003531 , L0003537	, L0003532 ,	, L0003533	, L0003534	,
L0003543	L0003538 , L0003544	, L0003539 , L0003545	, L0003540 ,	, L0003541	, L0003542	,
L0003551	L0003546 , L0003552	, L0003547 , L0003553	, L0003548 ,	, L0003549	, L0003550	,
L0003559	L0003554 , L0003560	, L0003555 , L0003561	, L0003556 ,	, L0003557	, L0003558	,
L0003567	L0003562 , L0003568	, L0003563 , L0003569	, L0003564 ,	, L0003565	, L0003566	,
L0003575	L0003570 , L0003576	, L0003571 , L0003577	, L0003572 ,	, L0003573	, L0003574	,
L0003583	L0003578 , L0003584	, L0003579 , L0003585	, L0003580 ,	, L0003581	, L0003582	,
L0003591	L0003586 , L0003592	, L0003587 , L0003593	, L0003588 ,	, L0003589	, L0003590	,
L0003599	L0003594 , L0003600	, L0003595 , L0003601	, L0003596 ,	, L0003597	, L0003598	,
L0003607	L0003602 , L0003608	, L0003603 , L0003609	, L0003604 ,	, L0003605	, L0003606	,
L0003615	L0003610 , L0003616	, L0003611 , L0003617	, L0003612 ,	, L0003613	, L0003614	,
L0003623	L0003618 , L0003624	, L0003619 , L0003625	, L0003620 ,	, L0003621	, L0003622	,

L0002810 L0003626 , L0003627 , L0003628 , L0003629 , L0003630 ,
, L0002811 , L0002812 ,
L0002818 L0002813 , L0002814 , L0002815 , L0002816 , L0002817 ,
, L0002819 , L0002820 ,
L0002826 L0002821 , L0002822 , L0002823 , L0002824 , L0002825 ,
, L0002827 , L0002828 ,
L0002834 L0002829 , L0002830 , L0002831 , L0002832 , L0002833 ,
, L0002835 , L0002836 ,
L0002975 L0002837 , L0002838 , L0002839 , L0002840 , L0002841 ,
, L0002976 , L0002977 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 22

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0002983	L0002978 , L0002984	, L0002979 , L0002985	, L0002980 ,	, L0002981	, L0002982	,
L0002991	L0002986 , L0002992	, L0002987 , L0002993	, L0002988 ,	, L0002989	, L0002990	,
L0002999	L0002994 , L0003000	, L0002995 , L0003001	, L0002996 ,	, L0002997	, L0002998	,
L0003007	L0003002 , L0003008	, L0003003 , L0003009	, L0003004 ,	, L0003005	, L0003006	,
L0003015	L0003010 , L0003016	, L0003011 , L0003017	, L0003012 ,	, L0003013	, L0003014	,
L0003023	L0003018 , L0003024	, L0003019 , L0003025	, L0003020 ,	, L0003021	, L0003022	,
L0003031	L0003026 , L0003032	, L0003027 , L0003033	, L0003028 ,	, L0003029	, L0003030	,
L0003039	L0003034 , L0003040	, L0003035 , L0003164	, L0003036 ,	, L0003037	, L0003038	,
L0003170	L0003165 , L0003171	, L0003166 , L0003172	, L0003167 ,	, L0003168	, L0003169	,
L0003178	L0003173 , L0003179	, L0003174 , L0003180	, L0003175 ,	, L0003176	, L0003177	,
L0003186	L0003181 , L0003187	, L0003182 , L0003188	, L0003183 ,	, L0003184	, L0003185	,
L0003194	L0003189 , L0003195	, L0003190 , L0003196	, L0003191 ,	, L0003192	, L0003193	,
L0003329	L0003197 , L0003330	, L0003325 , L0003331	, L0003326 ,	, L0003327	, L0003328	,
L0003337	L0003332 , L0003338	, L0003333 , L0003339	, L0003334 ,	, L0003335	, L0003336	,
L0003345	L0003340 , L0003346	, L0003341 , L0003347	, L0003342 ,	, L0003343	, L0003344	,

L0003353 L0003348 , L0003349 , L0003350 , L0003351 , L0003352 ,
 , L0003354 , L0003355 ,

L0003361 L0003356 , L0003357 , L0003358 , L0003359 , L0003360 ,
 , L0003362 , L0003363 ,

L0003369 L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,
 , L0003370 , L0003371 ,

L0003377 L0003372 , L0003373 , L0003374 , L0003375 , L0003376 ,
 , L0003378 , L0003379 ,

L0003385 L0003380 , L0003381 , L0003382 , L0003383 , L0003384 ,
 , L0003386 , L0003387 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 23

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0003393	L0003388 , L0003394	, L0003389 , L0003395	, L0003390 ,	, L0003391	, L0003392	,
L0003401	L0003396 , L0003402	, L0003397 , L0003403	, L0003398 ,	, L0003399	, L0003400	,
L0003409	L0003404 , L0003410	, L0003405 , L0003411	, L0003406 ,	, L0003407	, L0003408	,
L0003417	L0003412 , L0003418	, L0003413 , L0003419	, L0003414 ,	, L0003415	, L0003416	,
L0003425	L0003420 , L0003426	, L0003421 , L0003427	, L0003422 ,	, L0003423	, L0003424	,
L0003433	L0003428 , L0003434	, L0003429 , L0003435	, L0003430 ,	, L0003431	, L0003432	,
L0003441	L0003436 , L0003442	, L0003437 , L0003443	, L0003438 ,	, L0003439	, L0003440	,
L0003449	L0003444 , L0003450	, L0003445 , L0003451	, L0003446 ,	, L0003447	, L0003448	,
L0003457	L0003452 , L0003458	, L0003453 , L0003459	, L0003454 ,	, L0003455	, L0003456	,
L0003465	L0003460 , L0003466	, L0003461 , L0003467	, L0003462 ,	, L0003463	, L0003464	,
L0003473	L0003468 , L0003474	, L0003469 , L0003475	, L0003470 ,	, L0003471	, L0003472	,
L0003699	L0003476 , L0003700	, L0003477 , L0003701	, L0003478 ,	, L0003697	, L0003698	,
L0003707	L0003702 , L0003708	, L0003703 , L0003709	, L0003704 ,	, L0003705	, L0003706	,
L0003715	L0003710 , L0003716	, L0003711 , L0003717	, L0003712 ,	, L0003713	, L0003714	,
L0003723	L0003718 , L0003724	, L0003719 , L0003725	, L0003720 ,	, L0003721	, L0003722	,

L0003731 L0003726 , L0003727 , L0003728 , L0003729 , L0003730 ,
 , L0003732 , L0003733 ,
L0003739 L0003734 , L0003735 , L0003736 , L0003737 , L0003738 ,
 , L0003740 , L0003741 ,
L0003747 L0003742 , L0003743 , L0003744 , L0003745 , L0003746 ,
 , L0003748 , L0003749 ,
L0003755 L0003750 , L0003751 , L0003752 , L0003753 , L0003754 ,
 , L0003756 , L0003757 ,
L0003763 L0003758 , L0003759 , L0003760 , L0003761 , L0003762 ,
 , L0003764 , L0003765 ,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 24

**MODELOPTs: RegDEFAULT CONC

ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs					
L0003771	L0003766 , L0003772	, L0003767 , L0003773	, L0003768 ,	, L0003769	, L0003770	,
L0003779	L0003774 , L0003780	, L0003775 , L0003781	, L0003776 ,	, L0003777	, L0003778	,
L0003787	L0003782 , L0003788	, L0003783 , L0003789	, L0003784 ,	, L0003785	, L0003786	,
L0003795	L0003790 , L0003796	, L0003791 , L0003797	, L0003792 ,	, L0003793	, L0003794	,
L0003803	L0003798 , L0003804	, L0003799 , L0003805	, L0003800 ,	, L0003801	, L0003802	,
L0003811	L0003806 , L0003812	, L0003807 , L0003813	, L0003808 ,	, L0003809	, L0003810	,
L0003819	L0003814 , L0003820	, L0003815 , L0003821	, L0003816 ,	, L0003817	, L0003818	,
L0003827	L0003822 , L0003828	, L0003823 , L0003829	, L0003824 ,	, L0003825	, L0003826	,
L0003853	L0003830 , L0003854	, L0003831 , L0003855	, L0003832 ,	, L0003851	, L0003852	,
	L0003856	, L0003857	, L0003858	, L0003859	, L0003860	,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 25

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

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

495921.3, 496071.3, 496221.3, 496371.3, 496521.3, 496671.3, 496821.3,
496971.3, 497121.3, 497271.3,
497421.3, 497571.3, 497721.3, 497871.3, 498021.3, 498171.3, 498321.3,
498471.3, 498621.3, 498771.3,
498921.3,

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

3600584.9, 3600734.9, 3600884.9, 3601034.9, 3601184.9, 3601334.9, 3601484.9,
3601634.9, 3601784.9, 3601934.9,
3602084.9, 3602234.9, 3602384.9, 3602534.9, 3602684.9, 3602834.9, 3602984.9,
3603134.9, 3603284.9, 3603434.9,
3603584.9,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 26

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		495921.32	496071.32	496221.32	496371.32	496521.32
496671.32		496821.32	496971.32	497121.32		

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 27

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		497271.32	497421.32	497571.32	497721.32	497871.32
498021.32		498171.32	498321.32	498471.32		

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 28

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	498621.32	498771.32	498921.32	X-COORD (METERS)
3603584.90	0.00	0.00	0.00	
3603434.90	0.00	0.00	0.00	
3603284.90	0.00	0.00	0.00	
3603134.90	0.00	0.00	0.00	
3602984.90	0.00	0.00	0.00	
3602834.90	0.00	0.00	0.00	
3602684.90	0.00	0.00	0.00	
3602534.90	0.00	0.00	0.00	
3602384.90	0.00	0.00	0.00	
3602234.90	0.00	0.00	0.00	
3602084.90	0.00	0.00	0.00	
3601934.90	0.00	0.00	0.00	
3601784.90	0.00	0.00	0.00	
3601634.90	0.00	0.00	0.00	
3601484.90	0.00	0.00	0.00	
3601334.90	0.00	0.00	0.00	
3601184.90	0.00	0.00	0.00	
3601034.90	0.00	0.00	0.00	
3600884.90	0.00	0.00	0.00	
3600734.90	0.00	0.00	0.00	
3600584.90	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 29

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		495921.32	496071.32	496221.32	496371.32	496521.32
496671.32		496821.32	496971.32	497121.32		

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 30

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		497271.32	497421.32	497571.32	497721.32	497871.32
498021.32	498171.32					

3603584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.90	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 31

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	498621.32	498771.32	498921.32	X-COORD (METERS)
3603584.90	0.00	0.00	0.00	
3603434.90	0.00	0.00	0.00	
3603284.90	0.00	0.00	0.00	
3603134.90	0.00	0.00	0.00	
3602984.90	0.00	0.00	0.00	
3602834.90	0.00	0.00	0.00	
3602684.90	0.00	0.00	0.00	
3602534.90	0.00	0.00	0.00	
3602384.90	0.00	0.00	0.00	
3602234.90	0.00	0.00	0.00	
3602084.90	0.00	0.00	0.00	
3601934.90	0.00	0.00	0.00	
3601784.90	0.00	0.00	0.00	
3601634.90	0.00	0.00	0.00	
3601484.90	0.00	0.00	0.00	
3601334.90	0.00	0.00	0.00	
3601184.90	0.00	0.00	0.00	
3601034.90	0.00	0.00	0.00	
3600884.90	0.00	0.00	0.00	
3600734.90	0.00	0.00	0.00	
3600584.90	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 32

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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

495924.4, 496074.4, 496224.4, 496374.4, 496524.4, 496674.4, 496824.4,
496974.4, 497124.4, 497274.4,
497424.4, 497574.4, 497724.4, 497874.4, 498024.4, 498174.4, 498324.4,
498474.4, 498624.4, 498774.4,
498924.4,

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

3603567.5, 3603717.5, 3603867.5, 3604017.5, 3604167.5, 3604317.5, 3604467.5,
3604617.5, 3604767.5, 3604917.5,
3605067.5, 3605217.5, 3605367.5, 3605517.5, 3605667.5, 3605817.5, 3605967.5,
3606117.5, 3606267.5, 3606417.5,
3606567.5,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 33

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		495924.40	496074.40	496224.40	496374.40	496524.40
496674.40		496824.40	496974.40	497124.40		

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 34

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
498024.40	498174.40	498324.40	498474.40	497274.40	497424.40	497574.40

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 35

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	498624.40	498774.40	498924.40	X-COORD (METERS)
3606567.52	0.00	0.00	0.00	
3606417.52	0.00	0.00	0.00	
3606267.52	0.00	0.00	0.00	
3606117.52	0.00	0.00	0.00	
3605967.52	0.00	0.00	0.00	
3605817.52	0.00	0.00	0.00	
3605667.52	0.00	0.00	0.00	
3605517.52	0.00	0.00	0.00	
3605367.52	0.00	0.00	0.00	
3605217.52	0.00	0.00	0.00	
3605067.52	0.00	0.00	0.00	
3604917.52	0.00	0.00	0.00	
3604767.52	0.00	0.00	0.00	
3604617.52	0.00	0.00	0.00	
3604467.52	0.00	0.00	0.00	
3604317.52	0.00	0.00	0.00	
3604167.52	0.00	0.00	0.00	
3604017.52	0.00	0.00	0.00	
3603867.52	0.00	0.00	0.00	
3603717.52	0.00	0.00	0.00	
3603567.52	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 36

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		495924.40	496074.40	496224.40	496374.40	496524.40
496674.40		496824.40	496974.40	497124.40		

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 37

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
498024.40	498174.40	498324.40	498474.40	497274.40	497424.40	497574.40

3606567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606417.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606267.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3606117.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605967.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605817.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605667.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605517.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605367.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605217.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3605067.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604917.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604767.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604617.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604467.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604317.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604167.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3604017.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603867.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3603717.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3603567.52	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 38

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	498624.40	498774.40	498924.40	X-COORD (METERS)
---------------------	-----------	-----------	-----------	------------------

3606567.52	0.00	0.00	0.00	
3606417.52	0.00	0.00	0.00	
3606267.52	0.00	0.00	0.00	
3606117.52	0.00	0.00	0.00	
3605967.52	0.00	0.00	0.00	
3605817.52	0.00	0.00	0.00	
3605667.52	0.00	0.00	0.00	
3605517.52	0.00	0.00	0.00	
3605367.52	0.00	0.00	0.00	
3605217.52	0.00	0.00	0.00	
3605067.52	0.00	0.00	0.00	
3604917.52	0.00	0.00	0.00	
3604767.52	0.00	0.00	0.00	
3604617.52	0.00	0.00	0.00	
3604467.52	0.00	0.00	0.00	
3604317.52	0.00	0.00	0.00	
3604167.52	0.00	0.00	0.00	
3604017.52	0.00	0.00	0.00	
3603867.52	0.00	0.00	0.00	
3603717.52	0.00	0.00	0.00	
3603567.52	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 39

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

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

498904.5, 499054.5, 499204.5, 499354.5, 499504.5, 499654.5, 499804.5,
499954.5, 500104.5, 500254.5,
500404.5, 500554.5, 500704.5, 500854.5, 501004.5, 501154.5, 501304.5,
501454.5, 501604.5, 501754.5,
501904.5,

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

3600584.8, 3600734.8, 3600884.8, 3601034.8, 3601184.8, 3601334.8, 3601484.8,
3601634.8, 3601784.8, 3601934.8,
3602084.8, 3602234.8, 3602384.8, 3602534.8, 3602684.8, 3602834.8, 3602984.8,
3603134.8, 3603284.8, 3603434.8,
3603584.8,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 40

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		498904.52	499054.52	499204.52	499354.52	499504.52
499654.52		499804.52	499954.52	500104.52		

3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 41

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		500254.52	500404.52	500554.52	500704.52	500854.52
501004.52		501154.52	501304.52	501454.52		

3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 42

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	0.00	0.00	0.00	
3603434.79	0.00	0.00	0.00	
3603284.79	0.00	0.00	0.00	
3603134.79	0.00	0.00	0.00	
3602984.79	0.00	0.00	0.00	
3602834.79	0.00	0.00	0.00	
3602684.79	0.00	0.00	0.00	
3602534.79	0.00	0.00	0.00	
3602384.79	0.00	0.00	0.00	
3602234.79	0.00	0.00	0.00	
3602084.79	0.00	0.00	0.00	
3601934.79	0.00	0.00	0.00	
3601784.79	0.00	0.00	0.00	
3601634.79	0.00	0.00	0.00	
3601484.79	0.00	0.00	0.00	
3601334.79	0.00	0.00	0.00	
3601184.79	0.00	0.00	0.00	
3601034.79	0.00	0.00	0.00	
3600884.79	0.00	0.00	0.00	
3600734.79	0.00	0.00	0.00	
3600584.79	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 43

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		498904.52	499054.52	499204.52	499354.52	499504.52
499654.52		499804.52	499954.52	500104.52		

3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 44

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		500254.52	500404.52	500554.52	500704.52	500854.52
501004.52		501154.52	501304.52	501454.52		
3603584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603434.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603284.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603134.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602984.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602834.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602684.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602534.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602384.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602234.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602084.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601934.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601784.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601634.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601484.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601334.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601184.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601034.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600884.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600734.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600584.79	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 45

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	0.00	0.00	0.00	
3603434.79	0.00	0.00	0.00	
3603284.79	0.00	0.00	0.00	
3603134.79	0.00	0.00	0.00	
3602984.79	0.00	0.00	0.00	
3602834.79	0.00	0.00	0.00	
3602684.79	0.00	0.00	0.00	
3602534.79	0.00	0.00	0.00	
3602384.79	0.00	0.00	0.00	
3602234.79	0.00	0.00	0.00	
3602084.79	0.00	0.00	0.00	
3601934.79	0.00	0.00	0.00	
3601784.79	0.00	0.00	0.00	
3601634.79	0.00	0.00	0.00	
3601484.79	0.00	0.00	0.00	
3601334.79	0.00	0.00	0.00	
3601184.79	0.00	0.00	0.00	
3601034.79	0.00	0.00	0.00	
3600884.79	0.00	0.00	0.00	
3600734.79	0.00	0.00	0.00	
3600584.79	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 46

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

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

498903.4, 499053.4, 499203.4, 499353.4, 499503.4, 499653.4, 499803.4,
499953.4, 500103.4, 500253.4,
500403.4, 500553.4, 500703.4, 500853.4, 501003.4, 501153.4, 501303.4,
501453.4, 501603.4, 501753.4,
501903.4,

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

3603568.1, 3603718.1, 3603868.1, 3604018.1, 3604168.1, 3604318.1, 3604468.1,
3604618.1, 3604768.1, 3604918.1,
3605068.1, 3605218.1, 3605368.1, 3605518.1, 3605668.1, 3605818.1, 3605968.1,
3606118.1, 3606268.1, 3606418.1,
3606568.1,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 47

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
499653.40	499803.40	499953.40	500103.40		499353.40	499503.40

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 48

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		500253.40	500403.40	500553.40	500703.40	500853.40
501003.40		501153.40	501303.40	501453.40		

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 49

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
3606568.08	0.00	0.00	0.00	
3606418.08	0.00	0.00	0.00	
3606268.08	0.00	0.00	0.00	
3606118.08	0.00	0.00	0.00	
3605968.08	0.00	0.00	0.00	
3605818.08	0.00	0.00	0.00	
3605668.08	0.00	0.00	0.00	
3605518.08	0.00	0.00	0.00	
3605368.08	0.00	0.00	0.00	
3605218.08	0.00	0.00	0.00	
3605068.08	0.00	0.00	0.00	
3604918.08	0.00	0.00	0.00	
3604768.08	0.00	0.00	0.00	
3604618.08	0.00	0.00	0.00	
3604468.08	0.00	0.00	0.00	
3604318.08	0.00	0.00	0.00	
3604168.08	0.00	0.00	0.00	
3604018.08	0.00	0.00	0.00	
3603868.08	0.00	0.00	0.00	
3603718.08	0.00	0.00	0.00	
3603568.08	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 50

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
499653.40	499803.40	499953.40	500103.40		499353.40	499503.40

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 51

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		500253.40	500403.40	500553.40	500703.40	500853.40
501003.40		501153.40	501303.40	501453.40		

3606568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606418.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606268.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606118.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605968.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605818.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605668.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605518.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605368.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605218.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605068.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604918.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604768.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604618.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604468.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604318.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604168.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604018.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603868.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603718.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603568.08	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 52

**MODELOPTs: RegDFAULT CONC

ELEV

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
---------------------	-----------	-----------	-----------	------------------

3606568.08	0.00	0.00	0.00	
3606418.08	0.00	0.00	0.00	
3606268.08	0.00	0.00	0.00	
3606118.08	0.00	0.00	0.00	
3605968.08	0.00	0.00	0.00	
3605818.08	0.00	0.00	0.00	
3605668.08	0.00	0.00	0.00	
3605518.08	0.00	0.00	0.00	
3605368.08	0.00	0.00	0.00	
3605218.08	0.00	0.00	0.00	
3605068.08	0.00	0.00	0.00	
3604918.08	0.00	0.00	0.00	
3604768.08	0.00	0.00	0.00	
3604618.08	0.00	0.00	0.00	
3604468.08	0.00	0.00	0.00	
3604318.08	0.00	0.00	0.00	
3604168.08	0.00	0.00	0.00	
3604018.08	0.00	0.00	0.00	
3603868.08	0.00	0.00	0.00	
3603718.08	0.00	0.00	0.00	
3603568.08	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 53

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

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

501887.1, 502037.1, 502187.1, 502337.1, 502487.1, 502637.1, 502787.1,
502937.1, 503087.1, 503237.1,
503387.1, 503537.1, 503687.1, 503837.1, 503987.1, 504137.1, 504287.1,
504437.1, 504587.1, 504737.1,
504887.1,

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

3600585.1, 3600735.1, 3600885.1, 3601035.1, 3601185.1, 3601335.1, 3601485.1,
3601635.1, 3601785.1, 3601935.1,
3602085.1, 3602235.1, 3602385.1, 3602535.1, 3602685.1, 3602835.1, 3602985.1,
3603135.1, 3603285.1, 3603435.1,
3603585.1,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 54

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		501887.15	502037.15	502187.15	502337.15	502487.15
502637.15		502787.15	502937.15	503087.15		

3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 55

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		503237.15	503387.15	503537.15	503687.15	503837.15
503987.15	504137.15	504287.15	504437.15			

3603585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603435.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603285.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603135.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602985.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602835.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602685.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602535.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602385.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602235.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602085.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601935.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601785.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601635.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601485.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601335.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601185.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601035.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600885.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600735.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 56

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	504587.15	504737.15	504887.15	X-COORD (METERS)
3603585.14	0.00	0.00	0.00	
3603435.14	0.00	0.00	0.00	
3603285.14	0.00	0.00	0.00	
3603135.14	0.00	0.00	0.00	
3602985.14	0.00	0.00	0.00	
3602835.14	0.00	0.00	0.00	
3602685.14	0.00	0.00	0.00	
3602535.14	0.00	0.00	0.00	
3602385.14	0.00	0.00	0.00	
3602235.14	0.00	0.00	0.00	
3602085.14	0.00	0.00	0.00	
3601935.14	0.00	0.00	0.00	
3601785.14	0.00	0.00	0.00	
3601635.14	0.00	0.00	0.00	
3601485.14	0.00	0.00	0.00	
3601335.14	0.00	0.00	0.00	
3601185.14	0.00	0.00	0.00	
3601035.14	0.00	0.00	0.00	
3600885.14	0.00	0.00	0.00	
3600735.14	0.00	0.00	0.00	
3600585.14	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 57

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501887.15	502037.15	502187.15	502337.15	502487.15
502637.15	502787.15	502937.15	503087.15		

3603585.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603435.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603285.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603135.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602985.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602835.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602685.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602535.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602385.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602235.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602085.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601935.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601785.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601635.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601485.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601335.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601185.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601035.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600885.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600735.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 58

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	503237.15	503387.15	503537.15	503687.15	503837.15
503987.15	504137.15	504287.15	504437.15		
3603585.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603435.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603285.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603135.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602985.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602835.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602685.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602535.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602385.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602235.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3602085.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601935.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601785.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601635.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601485.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601335.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601185.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3601035.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600885.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3600735.14	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3600585.14	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 59

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD
(METERS)

504587.15

504737.15

504887.15

X-COORD (METERS)

3603585.14 | 0.00 0.00 0.00
3603435.14 | 0.00 0.00 0.00
3603285.14 | 0.00 0.00 0.00
3603135.14 | 0.00 0.00 0.00
3602985.14 | 0.00 0.00 0.00
3602835.14 | 0.00 0.00 0.00
3602685.14 | 0.00 0.00 0.00
3602535.14 | 0.00 0.00 0.00
3602385.14 | 0.00 0.00 0.00
3602235.14 | 0.00 0.00 0.00
3602085.14 | 0.00 0.00 0.00
3601935.14 | 0.00 0.00 0.00
3601785.14 | 0.00 0.00 0.00
3601635.14 | 0.00 0.00 0.00
3601485.14 | 0.00 0.00 0.00
3601335.14 | 0.00 0.00 0.00
3601185.14 | 0.00 0.00 0.00
3601035.14 | 0.00 0.00 0.00
3600885.14 | 0.00 0.00 0.00
3600735.14 | 0.00 0.00 0.00
3600585.14 | 0.00 0.00 0.00

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 60

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

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

501885.7, 502035.7, 502185.7, 502335.7, 502485.7, 502635.7, 502785.7,
502935.7, 503085.7, 503235.7,
503385.7, 503535.7, 503685.7, 503835.7, 503985.7, 504135.7, 504285.7,
504435.7, 504585.7, 504735.7,
504885.7,

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

3603565.9, 3603715.9, 3603865.9, 3604015.9, 3604165.9, 3604315.9, 3604465.9,
3604615.9, 3604765.9, 3604915.9,
3605065.9, 3605215.9, 3605365.9, 3605515.9, 3605665.9, 3605815.9, 3605965.9,
3606115.9, 3606265.9, 3606415.9,
3606565.9,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 61

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		501885.74	502035.74	502185.74	502335.74	502485.74
502635.74		502785.74	502935.74	503085.74		

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 62

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		503235.74	503385.74	503535.74	503685.74	503835.74
503985.74	504135.74	504285.74	504435.74			

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 63

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	504585.74	504735.74	504885.74	X-COORD (METERS)
3606565.94	0.00	0.00	0.00	
3606415.94	0.00	0.00	0.00	
3606265.94	0.00	0.00	0.00	
3606115.94	0.00	0.00	0.00	
3605965.94	0.00	0.00	0.00	
3605815.94	0.00	0.00	0.00	
3605665.94	0.00	0.00	0.00	
3605515.94	0.00	0.00	0.00	
3605365.94	0.00	0.00	0.00	
3605215.94	0.00	0.00	0.00	
3605065.94	0.00	0.00	0.00	
3604915.94	0.00	0.00	0.00	
3604765.94	0.00	0.00	0.00	
3604615.94	0.00	0.00	0.00	
3604465.94	0.00	0.00	0.00	
3604315.94	0.00	0.00	0.00	
3604165.94	0.00	0.00	0.00	
3604015.94	0.00	0.00	0.00	
3603865.94	0.00	0.00	0.00	
3603715.94	0.00	0.00	0.00	
3603565.94	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 64

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	501885.74	502035.74	502185.74	502335.74	502485.74
502635.74	502785.74	502935.74	503085.74		
3606565.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606415.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606265.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3606115.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605965.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605815.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605665.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605515.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605365.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605215.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3605065.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604915.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604765.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604615.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604465.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604315.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604165.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3604015.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603865.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3603715.94	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 65

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		503235.74	503385.74	503535.74	503685.74	503835.74
503985.74		504135.74	504285.74	504435.74		

3606565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606415.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606265.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606115.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605965.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605815.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605665.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605515.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605365.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605215.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605065.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604915.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604765.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604615.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604465.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604315.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604165.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604015.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603865.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603715.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603565.94	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 66

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	504585.74	504735.74	504885.74	X-COORD (METERS)
3606565.94	0.00	0.00	0.00	
3606415.94	0.00	0.00	0.00	
3606265.94	0.00	0.00	0.00	
3606115.94	0.00	0.00	0.00	
3605965.94	0.00	0.00	0.00	
3605815.94	0.00	0.00	0.00	
3605665.94	0.00	0.00	0.00	
3605515.94	0.00	0.00	0.00	
3605365.94	0.00	0.00	0.00	
3605215.94	0.00	0.00	0.00	
3605065.94	0.00	0.00	0.00	
3604915.94	0.00	0.00	0.00	
3604765.94	0.00	0.00	0.00	
3604615.94	0.00	0.00	0.00	
3604465.94	0.00	0.00	0.00	
3604315.94	0.00	0.00	0.00	
3604165.94	0.00	0.00	0.00	
3604015.94	0.00	0.00	0.00	
3603865.94	0.00	0.00	0.00	
3603715.94	0.00	0.00	0.00	
3603565.94	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 67

**MODELOPTs: RegDFault CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

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

504863.6, 505013.6, 505163.6, 505313.6, 505463.6, 505613.6, 505763.6,
505913.6, 506063.6, 506213.6,
506363.6, 506513.6, 506663.6, 506813.6, 506963.6, 507113.6, 507263.6,
507413.6, 507563.6, 507713.6,
507863.6,

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

3600584.0, 3600734.0, 3600884.0, 3601034.0, 3601184.0, 3601334.0, 3601484.0,
3601634.0, 3601784.0, 3601934.0,
3602084.0, 3602234.0, 3602384.0, 3602534.0, 3602684.0, 3602834.0, 3602984.0,
3603134.0, 3603284.0, 3603434.0,
3603584.0,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 68

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
		504863.59	505013.59	505163.59	505313.59	505463.59
505613.59	505763.59	505913.59	506063.59			
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 69

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		506213.59	506363.59	506513.59	506663.59	506813.59
506963.59	507113.59	507263.59	507413.59			
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 70

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	507563.59	507713.59	507863.59	X-COORD (METERS)
3603583.99	0.00	0.00	0.00	
3603433.99	0.00	0.00	0.00	
3603283.99	0.00	0.00	0.00	
3603133.99	0.00	0.00	0.00	
3602983.99	0.00	0.00	0.00	
3602833.99	0.00	0.00	0.00	
3602683.99	0.00	0.00	0.00	
3602533.99	0.00	0.00	0.00	
3602383.99	0.00	0.00	0.00	
3602233.99	0.00	0.00	0.00	
3602083.99	0.00	0.00	0.00	
3601933.99	0.00	0.00	0.00	
3601783.99	0.00	0.00	0.00	
3601633.99	0.00	0.00	0.00	
3601483.99	0.00	0.00	0.00	
3601333.99	0.00	0.00	0.00	
3601183.99	0.00	0.00	0.00	
3601033.99	0.00	0.00	0.00	
3600883.99	0.00	0.00	0.00	
3600733.99	0.00	0.00	0.00	
3600583.99	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 71

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		504863.59	505013.59	505163.59	505313.59	505463.59
505613.59		505763.59	505913.59	506063.59		
3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 72

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		506213.59	506363.59	506513.59	506663.59	506813.59
506963.59	507113.59	507263.59	507413.59			

3603583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603433.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603283.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603133.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602983.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602833.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602683.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602533.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602383.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602233.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3602083.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601933.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601783.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601633.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601483.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601333.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601183.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3601033.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600883.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3600733.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3600583.99	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 73

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	507563.59	507713.59	507863.59	X-COORD (METERS)
---------------------	-----------	-----------	-----------	------------------

3603583.99	0.00	0.00	0.00	
3603433.99	0.00	0.00	0.00	
3603283.99	0.00	0.00	0.00	
3603133.99	0.00	0.00	0.00	
3602983.99	0.00	0.00	0.00	
3602833.99	0.00	0.00	0.00	
3602683.99	0.00	0.00	0.00	
3602533.99	0.00	0.00	0.00	
3602383.99	0.00	0.00	0.00	
3602233.99	0.00	0.00	0.00	
3602083.99	0.00	0.00	0.00	
3601933.99	0.00	0.00	0.00	
3601783.99	0.00	0.00	0.00	
3601633.99	0.00	0.00	0.00	
3601483.99	0.00	0.00	0.00	
3601333.99	0.00	0.00	0.00	
3601183.99	0.00	0.00	0.00	
3601033.99	0.00	0.00	0.00	
3600883.99	0.00	0.00	0.00	
3600733.99	0.00	0.00	0.00	
3600583.99	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 74

**MODELOPTs: RegDFAULT CONC

ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

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

504864.0, 505014.0, 505164.0, 505314.0, 505464.0, 505614.0, 505764.0,
505914.0, 506064.0, 506214.0,
506364.0, 506514.0, 506664.0, 506814.0, 506964.0, 507114.0, 507264.0,
507414.0, 507564.0, 507714.0,
507864.0,

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

3603564.5, 3603714.5, 3603864.5, 3604014.5, 3604164.5, 3604314.5, 3604464.5,
3604614.5, 3604764.5, 3604914.5,
3605064.5, 3605214.5, 3605364.5, 3605514.5, 3605664.5, 3605814.5, 3605964.5,
3606114.5, 3606264.5, 3606414.5,
3606564.5,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 75

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		504863.98	505013.98	505163.98	505313.98	505463.98
505613.98		505763.98	505913.98	506063.98		

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 76

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		506213.98	506363.98	506513.98	506663.98	506813.98
506963.98		507113.98	507263.98	507413.98		
3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 77

**MODELOPTs: RegDEFAULT CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	507563.98	507713.98	507863.98	X-COORD (METERS)
3606564.47	0.00	0.00	0.00	
3606414.47	0.00	0.00	0.00	
3606264.47	0.00	0.00	0.00	
3606114.47	0.00	0.00	0.00	
3605964.47	0.00	0.00	0.00	
3605814.47	0.00	0.00	0.00	
3605664.47	0.00	0.00	0.00	
3605514.47	0.00	0.00	0.00	
3605364.47	0.00	0.00	0.00	
3605214.47	0.00	0.00	0.00	
3605064.47	0.00	0.00	0.00	
3604914.47	0.00	0.00	0.00	
3604764.47	0.00	0.00	0.00	
3604614.47	0.00	0.00	0.00	
3604464.47	0.00	0.00	0.00	
3604314.47	0.00	0.00	0.00	
3604164.47	0.00	0.00	0.00	
3604014.47	0.00	0.00	0.00	
3603864.47	0.00	0.00	0.00	
3603714.47	0.00	0.00	0.00	
3603564.47	0.00	0.00	0.00	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 78

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		504863.98	505013.98	505163.98	505313.98	505463.98
505613.98		505763.98	505913.98	506063.98		

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 79

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		506213.98	506363.98	506513.98	506663.98	506813.98
506963.98	507113.98	507263.98	507413.98			

3606564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606414.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606264.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3606114.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605964.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605814.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605664.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605514.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605364.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605214.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3605064.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604914.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604764.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604614.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604464.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604314.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604164.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3604014.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603864.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3603714.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3603564.47	|	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 80

**MODELOPTs: RegDFault CONC

ELEV

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

* HILL HEIGHT SCALES IN METERS *

Y-COORD
(METERS)

507563.98

507713.98

507863.98

X-COORD (METERS)

3606564.47 | 0.00 0.00 0.00
3606414.47 | 0.00 0.00 0.00
3606264.47 | 0.00 0.00 0.00
3606114.47 | 0.00 0.00 0.00
3605964.47 | 0.00 0.00 0.00
3605814.47 | 0.00 0.00 0.00
3605664.47 | 0.00 0.00 0.00
3605514.47 | 0.00 0.00 0.00
3605364.47 | 0.00 0.00 0.00
3605214.47 | 0.00 0.00 0.00
3605064.47 | 0.00 0.00 0.00
3604914.47 | 0.00 0.00 0.00
3604764.47 | 0.00 0.00 0.00
3604614.47 | 0.00 0.00 0.00
3604464.47 | 0.00 0.00 0.00
3604314.47 | 0.00 0.00 0.00
3604164.47 | 0.00 0.00 0.00
3604014.47 | 0.00 0.00 0.00
3603864.47 | 0.00 0.00 0.00
3603714.47 | 0.00 0.00 0.00
3603564.47 | 0.00 0.00 0.00

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 81

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
6.38	L0002913	505763.6	3601484.0	-
1.07	L0002916	505763.6	3601634.0	-
29.25	L0002925	505613.6	3602084.0	-
5.90	L0002926	505613.6	3602084.0	-
28.90	L0002929	505463.6	3602234.0	-
20.99	L0002930	505463.6	3602234.0	-
11.09	L0002933	505313.6	3602384.0	-
21.85	L0002934	505313.6	3602384.0	-
8.45	L0002938	505163.6	3602534.0	-
26.42	L0002946	504887.1	3602835.1	-
4.05	L0002946	504863.6	3602834.0	-
22.95	L0002947	504887.1	3602835.1	-
30.55	L0002947	504863.6	3602834.0	-
19.81	L0002953	504587.1	3602985.1	-
35.76	L0002956	504437.1	3602985.1	-
36.99	L0002959	504287.1	3602985.1	-
0.96	L0002960	504287.1	3602985.1	
38.23	L0002962	504137.1	3602985.1	-
0.66	L0002963	504137.1	3602985.1	

39.46	L0002965	503987.1	3602985.1	-
0.39	L0002966	503987.1	3602985.1	
40.69	L0002968	503837.1	3602985.1	-
0.15	L0002969	503837.1	3602985.1	
41.92	L0002971	503687.1	3602985.1	-
0.05	L0002972	503687.1	3602985.1	-
43.15	L0002974	503537.1	3602985.1	-
5.62	L0003124	498171.3	3603434.9	-
23.99	L0003126	498021.3	3603434.9	-
23.54	L0003127	498021.3	3603434.9	-
4.11	L0003129	497871.3	3603434.9	-
5.55	L0003130	497871.3	3603434.9	-
0.60	L0003132	497721.3	3603434.9	
9.23	L0003133	497721.3	3603434.9	-
8.89	L0003135	497571.3	3603434.9	-
20.80	L0003136	497571.3	3603434.9	-
15.59	L0003138	497421.3	3603434.9	-
29.82	L0003139	497421.3	3603434.9	-
17.73	L0003141	497271.3	3603434.9	-
32.03	L0003142	497271.3	3603434.9	-
15.15	L0003144	497121.3	3603434.9	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 82

**MODELOPTs: RegDFault CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
26.67	L0003145	497121.3	3603434.9	-
11.03	L0003147	496971.3	3603434.9	-
22.36	L0003148	496971.3	3603434.9	-
10.63	L0003150	496821.3	3603434.9	-
23.22	L0003151	496821.3	3603434.9	-
11.47	L0003153	496671.3	3603434.9	-
24.45	L0003154	496671.3	3603434.9	-
12.26	L0003156	496521.3	3603434.9	-
25.64	L0003157	496521.3	3603434.9	-
13.00	L0003159	496371.3	3603434.9	-
26.77	L0003160	496371.3	3603434.9	-
13.68	L0003162	496221.3	3603434.9	-
27.85	L0003163	496221.3	3603434.9	-
19.43	L0003265	496221.3	3603434.9	-
7.47	L0003267	496221.3	3603584.9	-
22.74	L0003267	496224.4	3603567.5	-
42.27	L0003268	496221.3	3603584.9	-
24.66	L0003268	496224.4	3603567.5	-
19.21	L0003270	496224.4	3603717.5	-

16.59	L0003271	496224.4	3603717.5	-
7.28	L0003280	496374.4	3604167.5	-
6.86	L0003282	496374.4	3604317.5	-
33.34	L0003283	496374.4	3604317.5	-
9.24	L0003285	496374.4	3604467.5	-
31.36	L0003286	496374.4	3604467.5	-
4.89	L0003289	496374.4	3604617.5	-
1.31	L0003295	496524.4	3604917.5	-
29.55	L0003298	496524.4	3605067.5	-
1.52	L0003299	496524.4	3605067.5	-
5.73	L0003300	496524.4	3605217.5	-
39.92	L0003301	496524.4	3605217.5	-
15.78	L0003304	496524.4	3605367.5	-
0.25	L0003307	496524.4	3605517.5	-
35.87	L0003512	498771.3	3603434.9	-
1.45	L0003513	498771.3	3603434.9	-
8.33	L0003515	498921.3	3603434.9	-
25.05	L0003515	498904.5	3603434.8	-
31.49	L0003516	498921.3	3603434.9	-
14.75	L0003516	498904.5	3603434.8	-
35.15	L0003519	499054.5	3603434.8	-

*** AERMOD - VERSION 12060 ***
 Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 10/17/12

*** 14:14:53

PAGE 83

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
4.80	L0003520	499054.5	3603434.8	-
5.08	L0003522	499204.5	3603434.8	-
34.06	L0003523	499204.5	3603434.8	-
14.68	L0003526	499354.5	3603434.8	-
23.91	L0003527	499354.5	3603434.8	-
32.67	L0003530	499504.5	3603434.8	-
0.26	L0003531	499504.5	3603434.8	-
8.49	L0003533	499654.5	3603434.8	-
27.39	L0003534	499654.5	3603434.8	-
17.65	L0003537	499804.5	3603434.8	-
18.41	L0003538	499804.5	3603434.8	-
26.63	L0003541	499954.5	3603434.8	-
6.23	L0003542	499954.5	3603434.8	-
0.23	L0003544	500104.5	3603434.8	-
26.56	L0003545	500104.5	3603434.8	-
7.87	L0003548	500254.5	3603434.8	-
20.08	L0003549	500254.5	3603434.8	-
18.63	L0003552	500404.5	3603434.8	-
5.71	L0003553	500404.5	3603434.8	-

19.18	L0003556	500554.5	3603434.8	-
1.25	L0003559	500704.5	3603434.8	-
15.02	L0003560	500704.5	3603434.8	-
6.78	L0003563	500854.5	3603434.8	-
7.95	L0003564	500854.5	3603434.8	-
9.70	L0003567	501004.5	3603434.8	-
0.55	L0003568	501004.5	3603434.8	-
7.73	L0003571	501154.5	3603434.8	-
0.01	L0003574	501304.5	3603434.8	-
0.93	L0003575	501304.5	3603434.8	-
1.25	L0003578	501454.5	3603434.8	-
0.30	L0003582	501604.5	3603434.8	-
11.36	L0002810	503537.1	3602985.1	-
36.52	L0002812	503387.1	3602985.1	-
11.45	L0002813	503387.1	3602985.1	-
36.74	L0002815	503237.1	3602985.1	-
11.52	L0002816	503237.1	3602985.1	-
36.94	L0002818	503087.1	3602985.1	-
11.59	L0002819	503087.1	3602985.1	-
37.14	L0002821	502937.1	3602985.1	-
11.65	L0002822	502937.1	3602985.1	-

*** 14:14:53

PAGE 84

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
37.31	L0002824	502787.1	3602985.1	-
11.71	L0002825	502787.1	3602985.1	-
37.47	L0002827	502637.1	3602985.1	-
11.76	L0002828	502637.1	3602985.1	-
37.61	L0002830	502487.1	3602985.1	-
11.81	L0002831	502487.1	3602985.1	-
37.73	L0002833	502337.1	3602985.1	-
11.85	L0002834	502337.1	3602985.1	-
37.84	L0002836	502187.1	3602985.1	-
11.88	L0002837	502187.1	3602985.1	-
37.92	L0002839	502037.1	3602985.1	-
11.91	L0002840	502037.1	3602985.1	-
5.43	L0002841	501904.5	3602984.8	-
20.38	L0002975	501904.5	3602984.8	-
37.68	L0002975	501887.1	3602985.1	-
29.59	L0002977	501754.5	3602984.8	-
20.41	L0002978	501754.5	3602984.8	-
28.88	L0002980	501604.5	3602984.8	-
19.34	L0002981	501604.5	3602984.8	-

19.12	L0002983	501454.5	3602984.8	-
9.47	L0002984	501454.5	3602984.8	-
0.17	L0002986	501304.5	3602984.8	-
0.36	L0002999	500704.5	3602984.8	-
19.60	L0003001	500554.5	3602984.8	-
20.42	L0003002	500554.5	3602984.8	-
25.23	L0003004	500404.5	3602984.8	-
23.78	L0003005	500404.5	3602984.8	-
40.54	L0003007	500254.5	3602984.8	-
9.38	L0003008	500254.5	3602984.8	-
7.24	L0003010	500104.5	3602984.8	-
16.30	L0003014	499954.5	3603134.8	-
7.15	L0003016	499804.5	3603134.8	-
18.48	L0003017	499804.5	3603134.8	-
1.09	L0003035	498921.3	3603134.9	-
1.78	L0003035	498904.5	3603134.8	-
26.01	L0003167	498471.3	3603284.9	-
17.73	L0003168	498471.3	3603284.9	-
6.17	L0003170	498321.3	3603284.9	-
16.72	L0003174	497121.3	3600584.9	-
30.04	L0003178	496971.3	3600734.9	-

*** 14:14:53

PAGE 85

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
17.37	L0003179	496971.3	3600734.9	-
16.57	L0003182	496821.3	3600884.9	-
23.30	L0003183	496821.3	3600884.9	-
8.20	L0003187	496671.3	3601034.9	-
13.14	L0003193	496371.3	3601184.9	-
4.27	L0003194	496371.3	3601184.9	-
12.66	L0003197	496221.3	3601334.9	-
11.35	L0003327	496221.3	3601484.9	-
8.29	L0003333	496071.3	3601784.9	-
0.67	L0003334	496071.3	3601784.9	-
30.45	L0003336	496071.3	3601934.9	-
14.54	L0003337	496071.3	3601934.9	-
22.50	L0003339	496071.3	3602084.9	-
7.07	L0003340	496071.3	3602084.9	-
0.77	L0003342	496071.3	3602234.9	-
15.54	L0003351	496071.3	3602684.9	-
20.83	L0003352	496071.3	3602684.9	-
23.02	L0003354	496071.3	3602834.9	-
24.65	L0003355	496071.3	3602834.9	-

7.88	L0003357	496071.3	3602984.9	-
5.96	L0003358	496071.3	3602984.9	-
1.50	L0003367	505163.6	3602534.0	-
16.72	L0003369	505163.6	3602684.0	-
32.58	L0003370	505163.6	3602684.0	-
16.10	L0003372	505163.6	3602834.0	-
32.78	L0003373	505163.6	3602834.0	-
12.63	L0003375	505163.6	3602984.0	-
22.61	L0003376	505163.6	3602984.0	-
13.80	L0003382	505013.6	3603284.0	-
19.64	L0003384	504887.1	3603285.1	-
0.56	L0003384	504863.6	3603284.0	-
2.36	L0003385	504863.6	3603284.0	-
2.88	L0003390	504737.1	3603585.1	-
17.68	L0003390	504735.7	3603565.9	-
42.73	L0003391	504737.1	3603585.1	-
24.70	L0003391	504735.7	3603565.9	-
7.80	L0003393	504735.7	3603715.9	-
0.97	L0003394	504735.7	3603715.9	-
25.45	L0003397	504585.7	3603865.9	-
19.84	L0003398	504585.7	3603865.9	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 86

**MODELOPTs: RegDFault CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
11.36	L0003401	504435.7	3604015.9	-
29.95	L0003402	504435.7	3604015.9	-
2.22	L0003405	504285.7	3604165.9	-
42.64	L0003406	504285.7	3604165.9	-
15.92	L0003410	504135.7	3604315.9	-
0.96	L0003416	503835.7	3604465.9	-
14.83	L0003417	503835.7	3604465.9	-
20.22	L0003420	503685.7	3604615.9	-
25.42	L0003421	503685.7	3604615.9	-
7.09	L0003424	503535.7	3604765.9	-
27.64	L0003425	503535.7	3604765.9	-
0.27	L0003429	503385.7	3604915.9	-
18.19	L0003431	503385.7	3605065.9	-
14.42	L0003432	503385.7	3605065.9	-
40.19	L0003438	503235.7	3605365.9	-
9.20	L0003439	503235.7	3605365.9	-
16.39	L0003441	503235.7	3605515.9	-
3.68	L0003453	503235.7	3606115.9	-
6.53	L0003454	503235.7	3606115.9	-

27.88	L0003456	503235.7	3606265.9	-
21.46	L0003457	503235.7	3606265.9	-
1.88	L0003459	503235.7	3606415.9	-
14.64	L0003738	500704.5	3602534.8	-
18.63	L0003739	500704.5	3602534.8	-
31.83	L0003756	505763.6	3602084.0	-
7.31	L0003757	505763.6	3602084.0	-
3.46	L0003761	505613.6	3601934.0	-
24.41	L0003769	505313.6	3601784.0	-
15.04	L0003770	505313.6	3601784.0	-
23.95	L0003774	499503.4	3606118.1	-
25.89	L0003775	499503.4	3606118.1	-
0.17	L0003777	499503.4	3605968.1	-
3.39	L0003781	499653.4	3605818.1	-
0.38	L0003783	499653.4	3605668.1	-
46.82	L0003784	499653.4	3605668.1	-
0.19	L0003785	499653.4	3605668.1	-
4.74	L0003790	499803.4	3605368.1	-
25.20	L0003791	499803.4	3605368.1	-
2.65	L0003797	499953.4	3605068.1	-
11.86	L0003798	499953.4	3605068.1	-

*** 14:14:53

PAGE 87

**MODELOPTs: RegDFAULT CONC

ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
 BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
 FASTAREA/FASTALL

DISTANCE (METERS)	SOURCE	- - RECEPTOR LOCATION - -		
	ID	XR (METERS)	YR (METERS)	
- -				
4.22	L0003800	499953.4	3604918.1	-
13.79	L0003801	499953.4	3604918.1	-
11.80	L0003803	499953.4	3604768.1	-
33.52	L0003804	499953.4	3604768.1	-
13.70	L0003806	499953.4	3604618.1	-
16.79	L0003807	499953.4	3604618.1	-
2.99	L0003813	500103.4	3604318.1	-
40.47	L0003816	500103.4	3604168.1	-
0.60	L0003817	500103.4	3604168.1	-
20.97	L0003819	500103.4	3604018.1	-
18.36	L0003823	501904.5	3602984.8	-
15.06	L0003823	501887.1	3602985.1	-
29.55	L0003826	501904.5	3602834.8	-
25.35	L0003826	501887.1	3602835.1	-
8.35	L0003827	501904.5	3602834.8	-
6.45	L0003827	501887.1	3602835.1	-
0.60	L0003829	501904.5	3602684.8	-
0.12	L0003829	501887.1	3602685.1	-
33.38	L0003830	501904.5	3602684.8	-

29.04	L0003830	501887.1	3602685.1	-
10.69	L0003851	503537.1	3602985.1	-
28.37	L0003854	503537.1	3602835.1	-
2.48	L0003855	503537.1	3602835.1	-
4.99	L0003857	503537.1	3602685.1	-
30.04	L0003858	503537.1	3602685.1	-

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 88

**MODELOPTs: RegDFAULT CONC

ELEV

PROCESSING ***

*** METEOROLOGICAL DAYS SELECTED FOR

(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	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1
1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	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.

CATEGORIES ***

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

10.80,

1.54, 3.09, 5.14, 8.23,

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 89

**MODELOPTs: RegDEFAULT CONC

ELEV

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\AERMET\Otay Mesa.SFC
Met Version: 11059
Profile file: ..\AERMET\Otay Mesa.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 1990 Year: 1990

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									
90	01	01	1	01	-28.1	0.276	-9.000	-9.000	-999.	334.	67.5	1.00	1.62	0.62	
2.10	331.			10.0	283.1	2.0									
90	01	01	1	02	-11.6	0.130	-9.000	-9.000	-999.	122.	17.2	1.00	1.62	1.00	
1.50	328.			10.0	282.0	2.0									
90	01	01	1	03	-29.4	0.261	-9.000	-9.000	-999.	306.	54.4	1.00	1.62	1.00	
2.10	344.			10.0	282.5	2.0									
90	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	281.4	2.0									
90	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	280.9	2.0									
90	01	01	1	08	-29.3	0.262	-9.000	-9.000	-999.	308.	55.3	1.00	1.62	1.00	
2.10	3.			10.0	283.1	2.0									
90	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.62	1.00	
0.00	0.			10.0	286.4	2.0									
90	01	01	1	10	-42.2	0.382	-9.000	-9.000	-999.	543.	119.1	1.00	1.62	1.00	
2.60	171.			10.0	288.1	2.0									
90	01	01	1	11	-42.1	0.382	-9.000	-9.000	-999.	544.	119.8	1.00	1.62	1.00	
2.60	184.			10.0	289.2	2.0									
90	01	01	1	12	-61.1	0.582	-9.000	-9.000	-999.	1021.	291.2	1.00	1.62	1.00	
3.60	216.			10.0	289.9	2.0									
90	01	01	1	13	-64.0	0.773	-9.000	-9.000	-999.	1562.	652.3	1.00	1.62	1.00	
4.60	203.			10.0	289.9	2.0									
90	01	01	1	14	-64.0	0.773	-9.000	-9.000	-999.	1564.	652.3	1.00	1.62	1.00	
4.60	229.			10.0	289.9	2.0									
90	01	01	1	15	-61.5	0.680	-9.000	-9.000	-999.	1302.	462.4	1.00	1.62	1.00	
4.10	232.			10.0	289.2	2.0									
90	01	01	1	16	-23.5	0.610	-9.000	-9.000	-999.	1103.	873.9	1.00	1.62	0.52	
3.60	264.			10.0	288.8	2.0									
90	01	01	1	17	48.0	0.561	-9.000	-9.000	-999.	971.	-332.9	1.00	1.62	0.32	
3.10	201.			10.0	288.1	2.0									

90	01	01	1	18	50.2	0.644	-9.000	-9.000	-999.	1187.	-480.1	1.00	1.62	0.26
3.60	227.	10.0	288.1	2.0										
90	01	01	1	19	142.8	0.513	-9.000	-9.000	-999.	860.	-85.3	1.00	1.62	0.24
2.60	224.	10.0	287.5	2.0										
90	01	01	1	20	160.1	0.517	-9.000	-9.000	-999.	856.	-78.1	1.00	1.62	0.23
2.60	217.	10.0	287.5	2.0										
90	01	01	1	21	158.4	0.594	-9.000	-9.000	-999.	1052.	-119.4	1.00	1.62	0.23
3.10	220.	10.0	287.5	2.0										
90	01	01	1	22	122.9	0.665	-9.000	-9.000	-999.	1244.	-215.6	1.00	1.62	0.24
3.60	222.	10.0	287.5	2.0										
90	01	01	1	23	43.4	0.642	-9.000	-9.000	-999.	1184.	-549.7	1.00	1.62	0.27
3.60	190.	10.0	287.5	2.0										
90	01	01	1	24	2.5	0.713	-9.000	-9.000	-999.	1382.	-8888.0	1.00	1.62	0.36
4.10	230.	10.0	287.5	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
90	01	01	01	10.0	1	331.	2.10	283.2	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 90

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS)				
496671.32	495921.32	496071.32	496221.32	496371.32	496521.32
3603584.90	952.73919	1634.03276	2901.51420	2534.33085	1916.85671
1708.20409	1608.46303	1564.91070	1573.36088		
3603434.90	965.79167	1805.49350	3329.70173	2969.13205	2610.05531
2462.49108	2381.51394	2342.31781	2352.57527		
3603284.90	922.43544	1654.23279	2923.08322	2369.34193	2245.35475
2185.69913	2155.96371	2130.29631	2064.82711		
3603134.90	890.24471	1732.90140	2002.35076	1488.68217	1404.99147
1369.13506	1347.94947	1333.74839	1321.26025		
3602984.90	887.72008	1352.06164	1572.17712	1174.73408	1090.62516
1063.27281	1050.79753	1045.66144	1045.33227		
3602834.90	917.98601	1416.67330	1316.29754	1007.17293	924.93257
896.63754	887.41937	885.88127	889.77837		
3602684.90	986.69580	1438.99822	1146.10147	900.18935	822.70517
792.83364	782.31743	781.59936	786.20213		
3602534.90	1093.32632	2014.85399	1030.54958	827.50289	754.30360
722.89551	710.09208	707.40235	711.01553		
3602384.90	1147.22283	1870.67972	969.19620	780.54564	707.81572
674.17818	658.76878	653.18281	654.17799		
3602234.90	1078.49359	1692.22479	962.48581	756.81349	678.37020
641.01151	622.20391	613.54229	611.14754		
3602084.90	952.46042	1414.46148	1011.18216	755.13868	664.04298
620.86812	597.74220	585.31157	579.16517		
3601934.90	839.66025	1376.90627	1122.25121	774.90659	664.83535
613.41623	584.61657	567.20921	556.61536		
3601784.90	760.73026	1229.12562	1291.54644	818.17042	683.82333
620.82416	583.82460	559.52637	543.05089		
3601634.90	698.70041	1484.63743	1570.38292	902.21894	732.34803
649.80644	599.02053	564.21257	539.29131		

3601484.90	|	638.74425	1128.97887	1811.47534	1109.92152	846.48790
717.53718		639.06247	585.98250	547.77791		
3601334.90	|	579.18315	899.28907	1810.83486	2002.49918	1158.83722
871.77791		724.94246	634.98149	573.49563		
3601184.90	|	517.48885	725.86999	1301.96191	2034.27283	2533.64380
1285.65547		913.76858	734.90491	627.03398		
3601034.90	|	457.61179	589.80097	835.28946	1361.41979	2913.99690
2488.23409		1443.26226	956.90656	734.81871		
3600884.90	|	405.37843	494.22092	631.56312	855.21436	1267.19653
2399.33326		2185.56951	1651.03649	982.55028		
3600734.90	|	361.53005	424.61601	512.08197	635.95102	821.58636
1143.72720		1926.41897	2175.14460	1889.38910		
3600584.90	|	324.95222	371.47466	431.26291	508.59527	611.54562
758.79121		999.29870	1517.45567	2369.79609		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 91

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
498021.32	497271.32	497421.32	497571.32	497721.32	497871.32
3603584.90	1628.22681	1719.54563	1847.77119	2004.00114	2074.25337
2025.35985	2063.29097	2186.03047	2205.13388		
3603434.90	2412.95591	2470.83829	2509.55246	2553.35882	2729.99663
3104.16587	4181.10919	5273.79958	4126.51707		
3603284.90	1971.58677	1898.41313	1860.01535	1883.10918	2044.55730
2557.50204	4351.40637	9328.84166	7494.62115		
3603134.90	1310.24484	1309.34453	1329.68545	1387.51311	1516.68749
1793.07095	2403.66874	3743.30380	5772.01713		
3602984.90	1050.09740	1063.60014	1091.85054	1144.06212	1235.93230
1393.95363	1672.27781	2126.62821	2673.78164		
3602834.90	899.19446	915.53173	941.93549	983.30479	1046.33082
1142.97107	1293.92011	1507.96951	1749.01462		
3602684.90	795.54711	810.64910	832.93228	864.27273	908.37779
972.31364	1065.38837	1188.16656	1321.63060		
3602534.90	718.93576	731.17922	748.46170	772.01784	804.27722
849.71777	912.80691	992.27469	1076.47220		
3602384.90	659.81208	668.95536	681.76006	699.34419	723.60321
757.59265	803.17581	858.69115	916.59420		
3602234.90	613.44077	619.34066	628.49338	641.55460	659.97614
685.98237	720.13771	760.83927	803.06330		
3602084.90	577.55679	579.81142	585.54923	594.90949	608.88439
628.91025	654.93646	685.59205	717.52144		
3601934.90	550.71577	548.88296	550.93142	556.79411	567.05968
582.36676	602.30304	625.70567	650.32272		
3601784.90	532.03675	525.56045	523.43911	525.62403	532.36660
543.61689	558.73418	576.66662	595.82417		
3601634.90	521.43879	509.28578	502.32907	500.42179	503.47733
510.94454	521.98484	535.56982	550.48574		

3601484.90	|	519.84163	499.99496	487.09042	480.44530	479.43790
483.14608		490.55276	500.54461	512.06262		
3601334.90	|	529.37454	498.16060	477.35901	464.97811	459.44472
459.36816		463.44040	470.35633	479.05886		
3601184.90	|	554.34524	504.98769	472.93041	453.31332	442.78682
438.95811		439.93319	444.12519	450.40304		
3601034.90	|	603.92658	522.64345	473.56837	444.73673	428.84127
421.34793		419.41943	421.12479	425.22714		
3600884.90	|	699.50865	553.77441	478.41303	438.45150	416.94879
405.88727		401.23935	400.66908	402.81027		
3600734.90	|	901.21102	597.62721	485.17235	433.11422	406.07272
391.72404		384.68708	382.16207	382.63203		
3600584.90	|	1318.57754	633.61127	487.03729	425.88983	394.86478
378.12672		369.30399	365.27109	364.40568		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 92

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

, L0002914	, L0002915	, L0002916	, L0002913
	L0002917	, L0002918	, L0002919
, L0002922	, L0002923	, L0002924	, L0002920
	L0002925	, L0002926	, L0002927
, L0002930	, L0002931	, L0002932	, L0002928
	L0002933	, L0002934	, L0002929
, L0002938	, L0002939	, . . .	, L0002935
			, L0002936
			, L0002937

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³
**

Y-COORD (METERS)	498621.32	498771.32	498921.32	X-COORD (METERS)
3603584.90	2285.44249	2526.22508	2603.74144	
3603434.90	4015.34668	4568.72542	4688.11296	
3603284.90	8321.89143	4734.12812	4361.01263	
3603134.90	7812.88206	5567.69445	4250.08690	
3602984.90	3043.42797	2888.17899	2631.58849	
3602834.90	1926.25952	1954.76928	1898.19105	
3602684.90	1427.68429	1479.44120	1488.81348	
3602534.90	1147.18262	1194.48187	1222.70400	
3602384.90	967.10564	1006.44669	1036.88991	
3602234.90	840.92952	873.32296	901.13708	
3602084.90	746.87978	773.56058	798.01652	
3601934.90	673.52217	695.42859	716.55820	
3601784.90	614.32778	632.23564	650.18428	
3601634.90	565.31059	579.93788	594.99748	
3601484.90	523.95478	535.94089	548.50709	
3601334.90	488.53765	498.36302	508.80903	
3601184.90	457.80479	465.78244	474.40928	
3601034.90	430.77278	437.13146	444.21417	
3600884.90	406.70434	411.66843	417.47316	
3600734.90	385.11923	388.90305	393.63401	
3600584.90	365.71948	368.47565	372.24838	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 93

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
496674.40	495924.40	496074.40	496224.40	496374.40	496524.40
-----	-----	-----	-----	-----	-----
3606567.52	335.75975	383.12738	449.26149	545.15195	672.49434
698.95162	577.32770	481.30880	419.31280		
3606417.52	378.47198	448.07020	561.88162	794.17562	1607.37638
1573.75043	815.11979	590.79586	483.93505		
3606267.52	421.47641	514.44322	680.17327	1075.64890	3153.21827
3276.21596	1136.90611	722.03795	556.87401		
3606117.52	460.64752	572.55847	775.00576	1254.71587	3641.05244
3711.25317	1392.62453	850.34340	631.61336		
3605967.52	494.16426	619.21047	843.13905	1364.05711	3916.41318
3807.29344	1539.20936	952.83186	699.88239		
3605817.52	521.66217	655.33737	892.47402	1440.52218	4117.47379
3807.64264	1615.89535	1023.40396	755.40659		
3605667.52	543.88375	683.57226	930.88253	1501.80927	4287.52116
3759.53771	1648.46039	1065.58035	796.07913		
3605517.52	561.99503	706.44164	964.43462	1568.18115	3592.88310
3612.81649	1639.82700	1083.23989	822.42506		
3605367.52	577.16677	725.51934	995.61272	1664.57562	3951.52508
3219.95675	1581.38548	1078.57156	835.90283		
3605217.52	590.44340	741.66497	1020.69836	1759.81024	3161.10299
2672.95902	1477.16395	1054.25749	838.39695		
3605067.52	603.70716	758.23182	1045.53137	1835.89426	2920.32932
2133.11064	1350.99000	1017.13159	833.23686		
3604917.52	619.43620	781.40102	1093.87061	2098.33655	3341.32229
1784.64372	1236.76200	977.17344	824.60813		
3604767.52	639.02033	814.20769	1173.83419	2606.36097	3250.29252
1581.22025	1152.09611	942.92456	816.70430		
3604617.52	663.09374	857.47410	1287.59552	2668.43614	2610.73292
1446.67474	1094.40409	919.00514	813.27935		

3604467.52	|	691.69665	911.49585	1443.41857	2456.61763	2206.14514
1352.10454		1057.07433	906.83184	817.14393		
3604317.52	|	724.98431	977.34170	1660.59920	2696.97403	1940.20097
1286.10971		1036.77533	907.39092	831.11092		
3604167.52	|	763.72483	1057.95977	1979.84822	3261.88206	1759.77179
1244.90533		1034.15918	923.44326	859.23615		
3604017.52	|	808.81909	1158.50570	2483.61802	3414.43127	1641.77278
1230.53340		1054.11391	961.40023	909.17988		
3603867.52	|	860.77540	1287.22170	3224.71012	2797.24013	1585.91891
1257.24563		1111.22692	1035.77018	997.28399		
3603717.52	|	916.87350	1458.14383	2471.49347	2471.10417	1630.19169
1371.66047		1253.27886	1194.44702	1171.83894		
3603567.52	|	964.72079	1689.81266	2903.59395	2565.25479	1993.80098
1794.58928		1697.86696	1657.50911	1676.26085		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 94

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)				X-COORD (METERS)	
498024.40	497274.40	497424.40	497574.40	497724.40	497874.40
3606567.52	378.46891	350.67743	331.39989	318.00126	308.90774
303.15162	300.10625	299.38373	300.78704		
3606417.52	422.49806	383.72669	358.08525	340.86076	329.48745
322.49729	319.00031	318.49323	320.77176		
3606267.52	470.46216	418.94829	386.17066	364.78080	350.98785
342.71508	338.76333	338.51397	341.78499		
3606117.52	520.02468	455.34179	415.18913	389.52560	373.26869
363.68726	359.24672	359.21273	363.45015		
3605967.52	568.07388	491.70569	444.66325	414.89541	396.23622
385.34481	380.35792	380.40605	385.36624		
3605817.52	611.13191	526.32098	473.81210	440.57442	419.79401
407.69399	402.16300	402.18837	407.58837		
3605667.52	647.16658	557.75347	501.72371	466.06828	443.72991
430.70093	424.74357	424.72242	430.34824		
3605517.52	675.44816	585.26444	527.82017	490.94407	467.76903
454.26407	448.13439	448.14410	453.88493		
3605367.52	696.11742	608.60505	551.91169	515.09581	491.88028
478.44029	472.49036	472.71407	478.58441		
3605217.52	710.18002	628.19224	574.20947	538.77418	516.39404
503.59955	498.22643	498.92676	505.08556		
3605067.52	719.57803	645.15237	595.37540	562.50253	541.84281
530.31732	525.97356	527.50223	534.25216		
3604917.52	726.60190	660.93533	616.43509	587.04412	568.89223
559.29532	556.54366	559.39235	567.16266		
3604767.52	733.72617	677.28129	638.80178	613.54178	598.53556
591.54992	591.07895	595.88406	605.21192		
3604617.52	743.71395	696.38322	664.33537	643.69696	632.39245
628.72428	631.32328	638.84244	650.33677		

3604467.52	|	759.32633	720.83162	695.46968	680.05124	673.05533
673.45316		680.03942	691.20591	705.57775		
3604317.52	|	783.62971	753.73915	735.64254	726.41379	724.60327
729.89391		741.58609	757.75346	776.04935		
3604167.52	|	821.26072	800.06928	790.26257	788.66081	793.60753
805.00417		823.37409	846.73858	870.62607		
3604017.52	|	881.01197	869.25348	869.23054	877.55697	892.09524
912.14131		939.48316	973.35524	1005.49820		
3603867.52	|	981.78286	982.30770	995.59692	1018.36627	1046.77334
1079.79370		1119.86973	1169.46029	1214.27280		
3603717.52	|	1176.03993	1201.08220	1241.57910	1290.76571	1339.14104
1384.29537		1442.96582	1518.53567	1577.45730		
3603567.52	|	1749.12191	1865.14819	2027.25557	2228.37266	2297.99573
2186.14377		2202.61761	2334.46927	2329.20181		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 95

**MODELOPTs: RegDFault CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³
**

Y-COORD (METERS)	X-COORD (METERS)		
	498624.40	498774.40	498924.40
3606567.52	304.26178	309.83827	317.51942
3606417.52	325.92856	334.39967	347.01173
3606267.52	348.85750	360.69470	379.48712
3606117.52	372.44629	387.67120	412.70994
3605967.52	395.86310	413.66690	443.01434
3605817.52	418.99006	438.18761	469.26663
3605667.52	442.13006	461.65290	492.41136
3605517.52	465.70464	484.89230	514.27643
3605367.52	490.30047	508.87819	536.57676
3605217.52	516.78732	534.83196	561.06170
3605067.52	546.20582	563.99243	589.23063
3604917.52	579.74534	597.62324	622.36269
3604767.52	618.86480	637.21611	661.91952
3604617.52	665.49982	684.69667	709.73768
3604467.52	722.69333	743.12192	768.76545
3604317.52	795.73265	817.89823	844.41850
3604167.52	893.79929	918.30375	945.97713
3604017.52	1033.66611	1061.57762	1090.83990
3603867.52	1249.86965	1284.52596	1317.31683
3603717.52	1625.86902	1686.28602	1730.64314
3603567.52	2425.14034	2742.08801	2821.20503

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 96

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
499654.52	498904.52	499054.52	499204.52	499354.52	499504.52
3603584.79	2601.76588	2619.94750	2644.60499	2702.64590	2838.48338
2994.79524	3047.46496	3052.04061	3077.94170		
3603434.79	4713.87445	4773.08339	4773.62306	4820.42786	4871.72485
5713.51939	5651.41404	5524.26806	5449.29152		
3603284.79	4365.23862	4459.06661	4709.54195	5062.59414	5434.70526
5428.52325	4945.86045	4561.63388	4397.30361		
3603134.79	4394.94024	4674.02024	4349.67712	4116.45406	4065.67416
4550.60819	4261.08012	4563.73246	4023.44075		
3602984.79	2653.51961	2497.55661	2421.45460	2401.07374	2443.80473
2588.29192	2906.23853	3598.90375	4416.30524		
3602834.79	1905.24702	1846.15487	1815.79590	1817.76179	1855.71378
1938.99202	2082.43277	2309.58647	2651.29192		
3602684.79	1488.87950	1481.72710	1477.88605	1489.90255	1523.75045
1584.40146	1678.82173	1818.05285	2017.76900		
3602534.79	1220.17491	1236.47755	1248.82980	1267.49554	1299.60124
1349.81741	1424.30397	1537.51468	1739.90339		
3602384.79	1033.71573	1058.30985	1079.08916	1101.64414	1131.86590
1174.64253	1235.79337	1329.24935	1508.96867		
3602234.79	898.09459	923.50346	947.26894	971.50759	999.75330
1035.81503	1084.14115	1152.30961	1257.65575		
3602084.79	795.29668	818.66507	841.93512	865.83997	891.86426
922.16549	959.27149	1006.24696	1068.10130		
3601934.79	714.17640	734.82948	755.87073	777.91583	801.34948
826.94077	855.72838	889.03220	929.74385		
3601784.79	648.12947	666.09371	684.50292	703.99583	724.66262
746.46033	769.61419	794.88600	824.42635		
3601634.79	593.24796	608.71365	624.66289	641.50217	659.37187
678.02740	697.34248	717.76771	740.74548		

3601484.79	|	547.03119	560.21676	573.95693	588.35966	603.59568
619.54239		636.00468	653.18532	671.89205		
3601334.79	|	507.57309	518.70227	530.45938	542.76606	555.72465
569.33788		583.47199	598.16715	613.79997		
3601184.79	|	473.38116	482.70284	492.72966	503.30936	514.40646
526.02315		538.10758	550.70048	564.03606		
3601034.79	|	443.36092	451.15901	459.72166	468.86493	478.42013
488.32884		498.63764	509.51073	521.14678		
3600884.79	|	416.76348	423.30154	430.60581	438.48604	446.72658
455.24912		464.16933	473.71055	483.97220		
3600734.79	|	393.04536	398.50675	404.69403	411.44954	418.60147
426.08307		433.98511	442.44732	451.45254		
3600584.79	|	371.76796	376.26836	381.47349	387.27640	393.56877
400.27326		407.37316	414.87418	422.72082		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 97

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
501004.52	500254.52	500404.52	500554.52	500704.52	500854.52
3603584.79	3030.73338	2875.93064	2736.46757	2622.01284	2508.11320
2357.21475	2153.81012	1996.08817	1884.56703		
3603434.79	4866.17364	4803.18107	5715.61786	4595.29081	4428.68181
4157.94816	4128.36596	3208.88575	3537.42347		
3603284.79	4301.63513	4211.62598	4265.67803	4348.92481	4394.37128
4306.35649	3883.14888	3587.73965	3442.49987		
3603134.79	3678.95040	3841.64155	4185.60536	4676.40050	5183.04306
5369.94534	5032.88424	4452.27628	3960.47689		
3602984.79	4235.87693	4649.88677	4929.50682	5813.78216	6698.85435
6238.68231	6367.75347	6139.33335	4952.26532		
3602834.79	3114.79895	3659.77107	3770.45174	3657.74955	3540.68369
3413.10573	3294.75401	3325.53542	3527.09601		
3602684.79	2294.72749	2629.38260	2930.97270	3320.72041	3754.08046
3636.41747	2762.56904	2445.03586	2457.62928		
3602534.79	2315.91350	3263.10220	4239.95052	3860.27942	4801.14582
4205.51608	2633.34929	2036.37768	1959.42593		
3602384.79	2194.82830	3799.35190	3575.52892	2833.06831	2417.24646
2204.55757	1946.43877	1720.87901	1632.39829		
3602234.79	1448.65092	1733.87679	1871.30125	1836.16637	1744.39441
1655.16015	1552.57462	1453.72069	1389.11650		
3602084.79	1158.37130	1273.51302	1362.15957	1393.22211	1380.18334
1344.70021	1294.89416	1243.48024	1202.19764		
3601934.79	983.86134	1047.76815	1103.22793	1135.95587	1143.92741
1132.50877	1108.46699	1080.65049	1054.33820		
3601784.79	861.17146	902.38613	939.44201	965.38733	977.70998
977.18955	967.01143	951.53441	935.27672		
3601634.79	767.63938	796.49220	822.71946	842.74730	854.96136
858.95671	855.52696	847.18955	838.05526		

3601484.79	|	692.64172	714.10341	733.79884	749.74681	760.63838
765.73796		765.40602	761.67519	757.10378		
3601334.79	|	630.53105	647.51963	663.25227	676.26790	685.48223
690.40567		691.50307	690.67794	688.59663		
3601184.79	|	578.14639	592.32856	605.35683	616.10792	623.84722
628.28149		630.15593	630.88902	630.02081		
3601034.79	|	533.40249	545.51495	556.48219	565.53068	572.10033
576.11971		578.50452	579.86628	579.65959		
3600884.79	|	494.64934	505.04405	514.42020	522.16479	527.84871
531.66251		534.35721	535.82887	536.11213		
3600734.79	|	460.69574	469.65838	477.75578	484.44786	489.50318
493.24259		496.03577	497.43905	498.18080		
3600584.79	|	430.71547	438.46998	445.47065	451.31318	455.94620
459.63854		462.34958	463.68752	464.85167		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 98

**MODELOPTs: RegDFault CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

, L0002914	, L0002915	, L0002916	, L0002917	, L0002918	, L0002919	, L0002920	, L0002921
, L0002922	, L0002923	, L0002924	, L0002925	, L0002926	, L0002927	, L0002928	, L0002929
, L0002930	, L0002931	, L0002932	, L0002933	, L0002934	, L0002935	, L0002936	, L0002937
, L0002938	, L0002939	, . . .					

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³
**

Y-COORD (METERS)	501604.52	501754.52	501904.52	X-COORD (METERS)
3603584.79	1791.15610	1704.55517	1590.37609	
3603434.79	3365.77825	3720.44229	3194.35762	
3603284.79	3338.57069	3237.29985	3017.30346	
3603134.79	3660.23387	3502.56995	3342.40743	
3602984.79	5056.80595	5332.11802	5825.11936	
3602834.79	3906.69521	4907.43374	8040.82241	
3602684.79	2674.15777	3599.05255	6689.99972	
3602534.79	2048.92639	2435.25562	4574.75647	
3602384.79	1633.98323	1721.58773	2007.33294	
3602234.79	1364.29859	1386.10607	1474.11877	
3602084.79	1177.05941	1180.88181	1211.08444	
3601934.79	1035.77878	1034.50132	1042.99006	
3601784.79	922.90428	921.20898	921.09447	
3601634.79	829.93930	829.23504	826.07198	
3601484.79	752.14075	752.42910	748.59041	
3601334.79	686.16951	687.15060	683.62141	
3601184.79	629.53973	630.95074	628.11136	
3601034.79	580.49523	582.10825	580.02059	
3600884.79	537.72422	539.35942	537.91755	
3600734.79	500.18531	501.72738	500.76630	
3600584.79	467.00858	468.41128	467.78405	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 99

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
499653.40	498903.40	499053.40	499203.40	499353.40	499503.40
3606568.08	316.22226	325.47727	336.13085	349.79237	365.25023
369.33219	361.98089	350.70066	338.93974		
3606418.08	344.84328	361.90104	385.06361	414.46960	447.65950
446.62895	421.74277	396.44054	375.50152		
3606268.08	376.18177	404.53064	453.63649	550.24722	699.20857
609.44521	513.67196	457.34284	420.76056		
3606118.08	408.25637	448.56297	530.28474	784.33286	1003.32240
1008.87985	657.65791	538.76237	476.76406		
3605968.08	437.82284	485.16729	580.02132	837.10065	1894.40422
1746.80490	863.52588	643.90255	545.18023		
3605818.08	463.84619	512.39789	602.47018	809.36830	1612.74972
2358.08441	1134.90362	775.49308	628.33429		
3605668.08	487.12850	533.38415	613.50957	778.34855	1258.25560
1637.31352	1520.61666	943.95584	730.28097		
3605518.08	509.29449	552.01520	622.09727	754.17146	1074.36279
2581.42643	2266.10094	1202.16729	860.94754		
3605368.08	531.92616	571.05591	632.26491	738.10349	953.86812
1588.08881	2345.15425	1768.41099	1037.52917		
3605218.08	556.68640	592.87186	647.29079	734.63434	888.44704
1207.24858	2221.63888	2887.36526	1260.28254		
3605068.08	585.03329	619.28044	669.52642	746.79731	874.23194
1113.98775	1784.01592	2278.14007	1469.76728		
3604918.08	618.25027	651.43342	699.53292	772.37044	890.23859
1108.42608	1730.81541	2371.87423	1635.25509		
3604768.08	657.81336	690.52818	737.51688	808.34510	922.47537
1132.34176	1691.87247	2607.03286	1911.74579		
3604618.08	705.58143	738.12855	784.29708	853.42028	964.40517
1168.12696	1689.19656	2635.23860	2565.04420		

3604468.08	|	764.52153	796.97654	842.02570	908.32536	1013.40617
1203.10588		1651.59396	3838.69906	3683.23941		
3604318.08	|	840.03628	872.40142	915.69882	977.71947	1073.62904
1240.75155		1603.73051	2929.53449	4283.24830		
3604168.08	|	941.39198	973.64424	1014.83000	1071.49590	1156.07632
1297.20934		1583.61256	2449.37942	3895.57346		
3604018.08	|	1085.93376	1118.30866	1157.53951	1208.60842	1281.65812
1396.57518		1610.91005	2177.44592	4236.50925		
3603868.08	|	1311.71631	1344.67355	1382.12017	1429.44833	1494.60604
1587.29106		1732.93769	2043.21819	3372.49123		
3603718.08	|	1723.39972	1755.83940	1790.91762	1841.27719	1913.82609
2002.52802		2094.68354	2220.97611	2458.85531		
3603568.08	|	2810.19518	2823.07404	2843.36100	2899.84810	3053.96524
3235.67527		3281.79230	3263.94356	3267.65103		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 100

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	500253.40	500403.40	500553.40	500703.40	500853.40
501003.40	501153.40	501303.40	501453.40		
3606568.08	327.92313	318.05510	309.50179	302.26324	296.19084
291.12636	287.01204	283.76595	281.27724		
3606418.08	358.43999	344.36133	332.75234	323.25907	315.49892
309.12593	303.97712	299.92847	296.80924		
3606268.08	394.60590	374.68421	359.03749	346.62730	336.72175
328.73594	322.33111	317.31021	313.42172		
3606118.08	437.37124	409.54347	388.67791	372.58066	360.01065
350.07865	342.18535	336.00868	331.19957		
3605968.08	487.72637	449.54384	422.06881	401.41529	385.61198
373.35790	363.72043	356.17448	350.26986		
3605818.08	547.12811	495.50442	459.72028	433.53123	413.86873
398.86511	387.17871	378.01325	370.80875		
3605668.08	617.15284	548.18030	502.11146	469.34365	445.15268
426.90860	412.81717	401.75634	393.03042		
3605518.08	699.84548	608.12157	549.57412	509.19227	479.80298
457.79208	440.91584	427.68538	417.22346		
3605368.08	796.90940	675.56766	602.30660	553.28336	518.08730
491.82703	471.80394	456.15615	443.76872		
3605218.08	906.50566	750.57247	660.68989	601.90017	560.30685
529.38747	505.88588	487.61462	473.15073		
3605068.08	1021.76840	832.62562	725.11184	655.52863	606.93979
571.00925	543.71304	522.62840	505.97167		
3604918.08	1141.90473	922.02760	796.08621	714.93874	658.75029
617.48657	586.09415	561.96386	542.98699		
3604768.08	1288.05934	1023.29348	875.33286	781.35430	716.80834
669.87417	634.16386	606.68852	585.20262		
3604618.08	1493.97030	1143.96303	965.39503	856.38074	782.66710
729.67073	689.52289	658.36470	634.08491		

3604468.08	|	1771.00003	1288.51183	1068.56338	942.09062	858.95747
799.61517		754.79930	719.57083	692.01620		
3604318.08	|	2112.82320	1456.42024	1186.89217	1041.76221	949.90340
884.40111		834.35646	794.48434	762.80896		
3604168.08	|	2538.84557	1643.71639	1322.72640	1161.56476	1062.65969
991.67217		935.55334	889.83702	852.61001		
3604018.08	|	3108.38264	1841.26471	1483.47806	1314.15998	1210.68159
1134.73977		1071.34689	1017.24573	972.05068		
3603868.08	|	3469.60262	2026.12008	1691.40531	1529.23508	1424.55979
1342.31692		1267.75662	1200.11626	1142.25906		
3603718.08	|	2567.68066	2251.43671	2032.46420	1895.46627	1790.46895
1691.82984		1588.91387	1494.28901	1414.89824		
3603568.08	|	3197.81366	3034.73946	2898.60041	2784.63116	2667.66214
2504.11086		2270.67217	2097.93998	1980.31295		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 101

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	501603.40	501753.40	501903.40	X-COORD (METERS)
3606568.08	279.65923	279.17975	280.05179	
3606418.08	294.67607	293.81789	294.48369	
3606268.08	310.63854	309.25820	309.56626	
3606118.08	327.62274	325.56909	325.36034	
3605968.08	345.74194	342.85753	341.97183	
3605818.08	365.15727	361.27661	359.55155	
3605668.08	386.07736	381.02665	378.28882	
3605518.08	408.79977	402.40346	398.46585	
3605368.08	433.72974	425.82607	420.50136	
3605218.08	461.38646	451.83879	444.94941	
3605068.08	492.39933	481.08851	472.46120	
3604918.08	527.51542	514.31906	503.77087	
3604768.08	567.69558	552.46962	539.79304	
3604618.08	614.35055	596.90787	581.83160	
3604468.08	669.73872	649.76967	631.85582	
3604318.08	737.36407	714.31531	692.81646	
3604168.08	822.75253	795.69404	769.39922	
3604018.08	935.46689	902.90530	869.84836	
3603868.08	1094.87688	1053.97482	1010.35113	
3603718.08	1349.67121	1293.41009	1229.29479	
3603568.08	1881.46314	1788.71676	1662.31532	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 102

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
502637.15	501887.15	502037.15	502187.15	502337.15	502487.15
502787.15	502937.15	503087.15			
3603585.14	1603.78865	1478.74232	1383.12262	1315.79488	1269.37989
1237.05063	1215.92735	1205.44781	1206.33119		
3603435.14	3293.05709	2681.61005	2495.42227	2379.74129	2291.35801
2225.60726	2180.62398	2150.60323	2135.51683		
3603285.14	3066.85158	2645.32202	2419.65593	2295.30800	2221.87573
2183.02875	2171.18218	2182.98451	2217.82396		
3603135.14	3375.03149	2869.05422	2475.69632	2260.73408	2140.93555
2076.18854	2048.60127	2052.74980	2093.04607		
3602985.14	6461.63326	4261.29465	3284.02573	2949.02461	2791.71070
2712.85582	2681.51283	2692.90416	2760.18637		
3602835.14	7521.10027	4706.58668	2953.47052	2491.69483	2303.82142
2217.21724	2186.78828	2205.48991	2297.11912		
3602685.14	6323.22711	4111.23015	2408.38711	1905.82623	1692.34897
1590.79941	1550.31830	1560.34735	1641.70638		
3602535.14	4272.52307	3007.52211	2046.94928	1647.89158	1448.35106
1344.11307	1295.18648	1290.99102	1340.59225		
3602385.14	1984.98780	1930.97485	1665.16271	1439.79304	1287.39396
1193.32949	1142.02712	1124.03705	1140.25928		
3602235.14	1470.58122	1443.50528	1348.86755	1243.56628	1148.27242
1075.51530	1027.41364	1002.41656	998.46945		
3602085.14	1211.55658	1187.81876	1135.39740	1078.94533	1022.95296
972.29082	932.36684	906.03082	893.98451		
3601935.14	1044.49973	1022.47113	988.56978	950.77275	914.54180
881.04860	850.63864	826.64993	812.69291		
3601785.14	922.76734	902.90808	879.91833	850.94142	824.87871
800.45669	779.18572	760.15468	746.72224		
3601635.14	827.60504	810.45631	793.91970	770.73772	751.13117
731.92144	715.57433	702.19237	691.62730		

3601485.14	|	749.88981	735.61042	722.85842	705.11314	688.64801
674.25033		660.43346	650.22995	643.15510		
3601335.14	|	684.67735	673.10866	662.79362	649.84791	635.39859
624.26686		613.30400	604.37739	599.23948		
3601185.14	|	628.94394	619.76978	611.23278	602.01062	589.79691
580.22365		572.10143	564.47478	559.75523		
3601035.14	|	580.66225	573.50901	566.39026	559.82890	550.09936
541.41643		535.15541	529.29454	524.74296		
3600885.14	|	538.40604	532.88555	526.94439	522.21418	514.86475
507.14604		501.77428	497.51711	493.60912		
3600735.14	|	501.13866	496.88488	491.92681	488.44382	483.12486
476.59736		471.66237	468.40708	465.45090		
3600585.14	|	468.07116	464.77388	460.62730	457.99334	454.27500
449.03753		444.49504	441.68801	439.55903		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 103

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
503987.15	504137.15	504287.15	504437.15	503687.15	503837.15
3603585.14	1224.48772	1270.82252	1348.40464	1416.66280	1437.14793
1433.30262	1420.11176	1405.15368	1413.10295		
3603435.14	2145.09999	2223.16096	2669.63649	3035.42598	3017.30606
2944.91852	2852.65409	2699.17597	2555.34118		
3603285.14	2280.14625	2403.59841	2812.50481	3312.80300	3404.97266
3436.21506	3454.94073	3408.57450	3271.44115		
3603135.14	2183.13532	2343.11517	2514.48832	2380.08285	2234.98449
2146.97970	2088.17841	2034.26947	1969.85226		
3602985.14	2943.89482	3541.92727	4302.98947	3065.33282	2452.36660
2251.94743	2158.95888	2105.75998	2315.77424		
3602835.14	2569.15749	3649.06991	6849.07784	3457.70075	2260.02451
1943.36362	1822.37670	1769.56230	1759.19479		
3602685.14	1894.21538	2913.44169	5857.03322	3187.59788	1901.63767
1533.21885	1388.35176	1326.25991	1309.86925		
3602535.14	1492.39545	1974.30608	4232.06875	2427.77790	1640.83241
1338.77654	1203.11097	1142.32277	1125.61634		
3602385.14	1203.22752	1359.17577	1653.36464	1604.99648	1358.82633
1181.53154	1079.91371	1029.87414	1017.07855		
3602235.14	1019.52989	1085.20374	1180.88647	1188.39975	1121.22362
1039.87980	978.39893	944.84057	939.30711		
3602085.14	899.46054	930.67323	969.84131	975.34477	953.29313
919.96854	889.46567	872.34485	875.15106		
3601935.14	812.18617	827.29536	844.62550	846.65598	837.35310
823.84700	811.79311	807.41958	817.54580		
3601785.14	743.27335	750.01076	757.69092	757.83837	753.03529
747.47023	744.38361	747.56671	762.31546		
3601635.14	686.87889	688.55018	691.18443	690.34006	687.55508
685.38880	686.05230	692.18180	707.66602		

3601485.14	|	639.15601	638.23310	637.77568	635.94521	633.89861
633.16454		635.15180	641.64107	655.23721		
3601335.14	|	596.73746	595.34849	593.45694	590.73939	588.50217
587.88521		589.77457	595.23521	605.73660		
3601185.14	|	558.00861	557.05598	555.04895	552.01525	549.33534
548.10423		549.01242	552.72549	559.93882		
3601035.14	|	522.77131	522.02551	520.45923	517.70785	514.86255
512.95491		512.60687	514.31900	518.48683		
3600885.14	|	491.14369	490.02351	488.74313	486.51405	483.83819
481.50001		480.06339	480.01082	481.75603		
3600735.14	|	462.85614	461.10219	459.64767	457.75473	455.38531
452.92339		450.81655	449.56500	449.63373		
3600585.14	|	437.27897	435.08047	433.14351	431.20789	429.05688
426.71435		424.39946	422.51932	421.53097		

*** 14:14:53

PAGE 104

**MODELOPTs: RegDEFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)		
	504587.15	504737.15	504887.15
3603585.14	1536.67832	1815.32918	1327.33982
3603435.14	2560.24319	2936.36407	1998.08118
3603285.14	3265.59784	3256.22161	2499.89393
3603135.14	1898.03349	1814.23835	1739.97043
3602985.14	2221.42414	2146.73369	1736.06833
3602835.14	1848.65019	2231.13701	2048.43635
3602685.14	1339.86607	1448.04768	1760.88232
3602535.14	1147.25701	1219.55933	1392.79503
3602385.14	1038.11099	1100.58635	1233.31813
3602235.14	963.35054	1024.51677	1142.40365
3602085.14	903.93818	968.98037	1090.94535
3601935.14	850.64219	921.17264	1061.20005
3601785.14	797.08375	868.50834	1021.09059
3601635.14	739.09786	799.55429	921.21149
3601485.14	680.20289	723.83053	799.10526
3601335.14	623.54718	651.96092	695.77360
3601185.14	571.64031	589.40580	616.09705
3601035.14	525.62011	536.72855	553.92742
3600885.14	485.70609	492.59669	504.00536
3600735.14	451.40459	455.47494	463.06525
3600585.14	421.84081	424.01257	428.99848

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 105

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)				X-COORD (METERS)	
502635.74	501885.74	502035.74	502185.74	502335.74	502485.74
502785.74	502935.74	503085.74			
3606565.94	280.07370	282.34398	286.62266	293.71384	305.00687
323.11784	353.58552	409.70894	533.78196		
3606415.94	294.52904	296.77535	301.29658	308.99591	321.42717
341.60647	376.29373	443.06954	606.26981		
3606265.94	309.65399	311.71749	316.32531	324.51587	338.06868
360.51975	400.23320	481.36238	710.48459		
3606115.94	325.51101	327.21600	331.70895	340.17030	354.63106
379.19104	423.87108	520.67679	856.11935		
3605965.94	342.20695	343.37178	347.51184	355.91251	370.82231
396.82448	445.11421	552.59795	960.53933		
3605815.94	359.89321	360.33505	363.87059	371.81759	386.54153
412.93104	462.76415	575.00826	1016.54637		
3605665.94	378.76109	378.28860	380.96475	388.05874	401.91122
427.43829	476.31321	586.73625	1017.30688		
3605515.94	399.09662	397.50032	399.05207	404.91212	417.26773
440.72966	485.94725	585.92465	926.70774		
3605365.94	421.32113	418.38030	418.52381	422.77246	433.10062
453.58257	493.15948	577.67601	824.61884		
3605215.94	445.98971	441.48455	439.92587	442.18483	450.03023
466.92828	499.92027	567.67821	738.47222		
3605065.94	473.75416	467.47089	463.92754	463.85402	468.86217
481.81804	508.00077	560.18317	676.92238		
3604915.94	505.35051	497.07803	491.28844	488.60757	490.56273
499.43374	518.96567	557.60760	636.82731		
3604765.94	541.69919	531.22100	522.93769	517.43847	516.23821
521.02942	534.30354	561.64601	614.95338		
3604615.94	584.11913	571.16707	560.11494	551.61792	547.20599
547.94835	555.48752	573.77948	609.21691		

3604465.94	|	634.61031	618.75554	604.53080	592.82150	585.09316
581.75529		584.20375	595.48364	618.53434		
3604315.94	|	696.17877	676.66552	658.56457	643.26980	631.94146
624.45472		622.58577	628.38929	642.77886		
3604165.94	|	773.60653	749.11455	725.87529	706.22962	690.67431
679.15475		673.69160	674.97347	683.40235		
3604015.94	|	875.31888	843.49664	812.88030	787.26623	766.40752
751.24418		742.52802	740.01761	744.42360		
3603865.94	|	1017.94377	974.05623	931.95533	897.23715	869.76293
850.84361		838.85692	833.18413	834.88851		
3603715.94	|	1241.32073	1173.18206	1110.98352	1062.03793	1026.31478
1002.01315		986.04674	977.65918	978.21777		
3603565.94	|	1689.38941	1547.64654	1444.46398	1373.35422	1324.50395
1290.30746		1268.00039	1256.94497	1257.66878		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 106

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
	503235.74	503385.74	503535.74	503685.74	503835.74
503985.74	504135.74	504285.74	504435.74		
3606565.94	997.77634	1568.70409	672.33692	463.48991	369.91777
316.38331	281.77222	257.53121	239.42597		
3606415.94	1146.01128	1166.54676	630.39963	463.60179	379.83252
328.93088	294.60603	269.81378	250.90267		
3606265.94	1084.28244	939.10722	594.97047	461.44181	387.64552
340.18671	306.87272	282.02017	262.57633		
3606115.94	1142.21128	821.92761	573.04335	461.32942	395.45551
351.20187	319.05508	294.36638	274.58613		
3605965.94	1667.20677	775.16134	565.41823	465.81497	405.01847
363.04002	331.76579	307.19900	287.15132		
3605815.94	1636.59436	772.41120	571.57792	476.26719	417.63968
376.65238	345.66750	320.98516	300.59267		
3605665.94	1676.82361	798.06580	590.80532	493.67882	434.38891
392.93062	361.47152	336.28300	315.32077		
3605515.94	1609.08356	866.35426	625.45588	519.50918	456.42372
412.84129	379.99128	353.74588	331.83804		
3605365.94	1286.49315	1010.82875	682.40913	556.57222	485.46469
437.66906	402.23974	374.16603	350.77142		
3605215.94	1544.93434	1355.75519	777.90267	610.55137	524.49638
469.36804	429.61074	398.59376	372.95386		
3605065.94	1050.99093	1359.98538	961.52748	694.57380	579.27620
511.19732	464.24739	428.58584	399.57876		
3604915.94	828.59271	1418.54844	1486.03719	847.67709	662.61015
569.39326	509.94862	466.69628	432.47866		
3604765.94	722.99745	1004.51626	1459.31256	1258.31527	811.22207
658.91970	574.63949	517.60862	474.71343		
3604615.94	673.16324	798.26620	1127.82607	1359.81230	1222.84919
831.68900	678.67174	591.36274	531.98773		

3604465.94	|	657.50357	722.45958	839.86303	1092.40419	1331.46476
1451.12366		899.08112	715.03909	616.71753		
3604315.94	|	667.19619	704.67268	762.07560	853.94350	1031.19286
1584.43765		1440.22511	1002.52650	763.86880		
3604165.94	|	699.30987	723.02515	756.24597	802.27566	872.25541
1004.86104		1378.91803	1413.15592	1145.20974		
3604015.94	|	755.66157	772.93419	795.89766	824.03457	859.62809
913.33753		1013.74367	1272.16789	1459.39680		
3603865.94	|	844.91509	862.01350	883.98636	906.88440	928.27275
953.17530		992.23292	1070.08110	1291.68168		
3603715.94	|	991.03441	1016.66095	1050.69712	1081.69969	1099.17452
1108.75805		1119.11579	1141.72511	1210.88091		
3603565.94	|	1276.36200	1326.83199	1417.65823	1498.31201	1519.74183
1513.22761		1495.63888	1473.42127	1471.51220		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 107

**MODELOPTs: RegDFault CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

, L0002914	, L0002915	, L0002916	, L0002917	, L0002918	, L0002919	, L0002920	, L0002921
, L0002922	, L0002923	, L0002924	, L0002925	, L0002926	, L0002927	, L0002928	, L0002929
, L0002930	, L0002931	, L0002932	, L0002933	, L0002934	, L0002935	, L0002936	, L0002937
, L0002938	, L0002939	, . . .					

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³
**

Y-COORD (METERS)	504585.74	504735.74	504885.74	X-COORD (METERS)
3606565.94	225.12844	213.29656	203.14126	
3606415.94	235.77223	223.16528	212.31526	
3606265.94	246.76233	233.46991	221.97490	
3606115.94	258.22094	244.30762	232.18368	
3605965.94	270.31214	255.80679	243.03698	
3605815.94	283.25376	268.12532	254.66357	
3605665.94	297.32804	281.47315	267.23200	
3605515.94	312.91616	296.13953	280.97924	
3605365.94	330.52594	312.53109	296.23880	
3605215.94	350.83666	331.21285	313.47409	
3605065.94	374.79828	352.95467	333.29519	
3604915.94	403.79432	378.80655	356.47609	
3604765.94	439.94523	410.25100	384.03903	
3604615.94	486.77678	449.53605	417.42228	
3604465.94	550.85854	500.37927	458.78277	
3604315.94	646.51859	569.53377	511.55445	
3604165.94	814.66302	671.03716	581.59858	
3604015.94	1249.65071	839.62141	679.23317	
3603865.94	1482.16019	1186.74660	822.41591	
3603715.94	1522.05142	1460.03306	1040.33200	
3603565.94	1575.60469	1810.09773	1390.89463	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 108

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
505613.59	504863.59	505013.59	505163.59	505313.59	505463.59
3603583.99	1454.90523	965.75339	763.28494	643.97628	563.21268
503.68933	456.57447	417.07353	382.59644		
3603433.99	2314.44666	1239.11888	906.38196	733.75789	627.40977
553.93403	497.99741	451.99867	412.14022		
3603283.99	2451.09481	1798.88627	1150.38738	852.52399	705.51054
613.67028	547.09185	493.34581	446.89226		
3603133.99	1741.71467	2022.68663	1747.01898	1017.23337	803.45699
687.34796	607.59179	544.20929	489.26906		
3602983.99	1782.01388	1702.84559	1767.72390	1224.47200	926.41317
781.23853	685.18899	609.47520	543.04393		
3602833.99	2138.86197	2274.56506	1998.29479	1461.33904	1087.12549
907.05155	790.20980	698.25279	615.08653		
3602683.99	1679.58721	2641.95949	2833.14301	1865.60979	1334.08895
1092.52768	944.82327	829.72398	719.01384		
3602533.99	1352.65026	1760.53581	3280.34214	3325.71194	1813.40177
1402.64348	1203.56783	1053.41984	886.57662		
3602383.99	1204.51305	1464.11016	2200.32535	3383.12582	3085.02144
1998.54583	1732.14686	1554.93606	1214.78038		
3602233.99	1118.19712	1319.79381	1733.32008	2790.85121	3821.23187
3434.13277	3300.80051	4007.27017	2158.14418		
3602083.99	1066.40595	1266.47162	1630.71130	2317.68121	4036.49000
5904.65469	6050.99865	6876.82198	2968.94917		
3601933.99	1032.01619	1288.41534	1823.48318	2859.50812	5861.37006
7859.73261	5797.78559	3160.92655	1997.15143		
3601783.99	987.26394	1341.85803	3522.03467	3971.12459	5263.21065
4209.30384	4738.06616	2379.78491	1605.99075		
3601633.99	894.57434	1143.17239	1946.05277	2622.72689	2465.62331
2885.19326	3593.51269	1987.06673	1370.56356		

3601483.99	|	783.60139	902.57824	1125.22997	1398.94282	1588.08320
2092.86376		2868.75268	1638.51012	1177.54463		
3601333.99	|	686.92315	751.19226	858.50436	994.02179	1125.33722
1314.64548		1627.69584	1257.82499	995.20404		
3601183.99	|	610.58993	649.72776	710.95638	785.90329	860.26207
940.19285		1002.08105	943.95468	830.07391		
3601033.99	|	550.26347	575.64763	613.34195	658.00645	702.79600
746.96260		771.22651	749.71379	696.74876		
3600883.99	|	501.47815	518.53348	543.05084	571.62910	600.57187
626.96045		638.60774	626.41299	596.60849		
3600733.99	|	461.29307	472.98453	489.62684	508.94704	528.41464
544.70603		550.36772	541.66301	522.07632		
3600583.99	|	427.74856	435.81504	447.39031	460.85973	474.19963
484.39581		486.79586	479.72867	465.38874		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 109

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
	506213.59	506363.59	506513.59	506663.59	506813.59
506963.59	507113.59	507263.59	507413.59		
3603583.99	351.85367	324.34595	299.88092	278.19793	258.88070
241.46258	225.59072	211.07098	197.80668		
3603433.99	376.75212	345.31247	317.60537	293.21076	271.50046
251.92321	234.16196	218.07364	203.56609		
3603283.99	405.69887	369.36152	337.62614	309.78962	285.01908
262.77530	242.83384	225.06028	209.28735		
3603133.99	440.46437	397.71747	360.67090	328.22041	299.46903
274.02422	251.67862	232.15781	215.10240		
3602983.99	483.63924	431.95653	387.39315	348.56418	314.77332
285.68779	260.80310	239.47786	221.09086		
3602833.99	539.49422	474.09754	418.18466	370.64245	330.86580
297.83549	270.28481	247.07019	227.29687		
3602683.99	615.07103	526.18123	452.91569	394.28714	347.81641
310.56924	280.20048	255.02022	233.82621		
3602533.99	721.44132	589.04337	491.19905	419.67070	365.88238
324.09215	290.71207	263.43509	240.71109		
3602383.99	873.24319	662.70503	533.77892	447.36716	385.24017
338.32269	301.57357	271.96585	247.56245		
3602233.99	1082.58481	748.14372	579.53130	475.50280	404.13389
351.81443	311.65094	279.75325	253.74560		
3602083.99	1261.50690	820.53804	617.96559	499.10040	420.01262
363.19728	320.20064	286.40300	259.06349		
3601933.99	1245.50404	852.40578	642.95322	516.67331	432.62263
372.58582	327.44134	292.15188	263.73940		
3601783.99	1140.33047	840.26866	650.29514	526.58950	441.51653
379.94346	333.45540	297.10819	267.88148		
3601633.99	1029.28237	800.05050	639.76471	526.65053	445.11143
384.43908	337.86065	301.10166	271.41072		

3601483.99	|	923.03993	746.44969	615.74368	517.31171	442.60806
385.11490		339.95349	303.71408	274.10417		
3601333.99	|	819.43672	687.19699	583.29086	500.59846	434.62030
381.83906		339.25936	304.44280	275.57322		
3601183.99	|	720.59859	626.25085	546.20406	478.71103	422.17530
375.05337		335.83503	303.07544	275.48635		
3601033.99	|	631.66598	566.85507	507.04340	453.46742	406.29707
365.30027		329.99668	299.73551	273.78880		
3600883.99	|	556.54037	512.35066	468.28814	426.51900	388.00652
353.16688		322.09176	294.67200	270.63482		
3600733.99	|	495.38023	464.50784	431.92248	399.53673	368.47009
339.34501		312.51197	288.13194	266.21985		
3600583.99	|	446.09260	423.52723	399.02601	373.79289	348.78409
324.63113		301.74863	280.39846	260.73065		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 110

**MODELOPTs: RegDFault CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

, L0002914	, L0002915	, L0002916	, L0002917	, L0002918	, L0002919	, L0002920	, L0002921
, L0002922	, L0002923	, L0002924	, L0002925	, L0002926	, L0002927	, L0002928	, L0002929
, L0002930	, L0002931	, L0002932	, L0002933	, L0002934	, L0002935	, L0002936	, L0002937
, L0002938	, L0002939	, . . .					

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
	507563.59	507713.59	507863.59
3603583.99	185.73116	174.77084	164.83514
3603433.99	190.53026	178.82964	168.31197
3603283.99	195.29835	182.86002	171.75315
3603133.99	200.14048	186.93983	175.22468
3602983.99	205.11376	191.12715	178.79853
3602833.99	210.28302	195.50709	182.56537
3602683.99	215.75158	200.15711	186.56538
3602533.99	221.47666	204.97844	190.66728
3602383.99	227.07842	209.62874	194.57800
3602233.99	232.09704	213.77821	198.06234
3602083.99	236.44635	217.40238	201.12949
3601933.99	240.32681	220.67733	203.93298
3601783.99	243.84071	223.69831	206.56071
3601633.99	246.94730	226.44250	208.99967
3601483.99	249.52747	228.83954	211.20044
3601333.99	251.32553	230.73339	213.06805
3601183.99	252.01979	231.87034	214.42485
3601033.99	251.43119	232.02639	215.06098
3600883.99	249.59746	231.13406	214.84478
3600733.99	246.66855	229.27297	213.77688
3600583.99	242.80126	226.57816	211.95107

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 111

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS)				
	504863.98	505013.98	505163.98	505313.98	505463.98
505613.98	505763.98	505913.98	506063.98		
3606564.47	204.61908	195.51740	187.36959	179.96412	173.15228
166.82610	160.89990	155.30187	149.97581		
3606414.47	213.89349	204.15879	195.43263	187.49210	180.18422
173.39690	167.03967	161.03710	155.32986		
3606264.47	223.64929	213.29921	203.98578	195.48668	187.65088
180.36533	173.53836	167.09576	160.97799		
3606114.47	233.95503	222.98035	213.05823	203.97292	195.57644
187.75684	180.42555	173.51102	166.95371		
3605964.47	244.91089	233.27585	222.70380	212.99162	203.99638
195.60868	187.74268	180.32689	173.29833		
3605814.47	256.64897	244.29736	233.01562	222.62121	212.98019
203.98548	195.54977	187.59631	180.05514		
3605664.47	269.34225	256.19678	244.13167	232.98851	222.64235
212.98596	203.92636	195.37920	187.26693		
3605514.47	283.23557	269.18239	256.24187	244.26596	233.13194
222.72997	212.96244	203.73956	194.97958		
3605364.47	298.67168	283.54694	269.59504	256.66123	244.61469
233.34372	222.75184	212.74720	203.24623		
3605214.47	316.13009	299.67287	284.49157	270.40123	257.26006
244.95664	233.39437	222.47839	212.12255		
3605064.47	336.24505	318.04145	301.27429	285.73125	271.24962
257.70569	244.99327	233.00620	221.65688		
3604914.47	359.82952	339.23335	320.35136	302.93558	286.78538
271.73434	257.64308	244.39316	231.89547		
3604764.47	387.96683	363.98739	342.22584	322.35804	304.09524
287.18915	271.44366	256.71938	242.91958		
3604614.47	422.19735	393.29013	367.53703	344.41972	323.46148
304.26661	286.55518	270.13876	254.88374		

3604464.47	|	464.86283	428.52578	397.13995	369.68382	345.28208
323.27638		303.24240	284.89304	268.00093		
3604314.47	|	519.75424	471.75253	432.27117	398.96558	370.12855
344.65057		321.85861	301.27289	282.49648		
3604164.47	|	593.49547	526.14827	474.70804	433.34536	398.69644
368.89360		342.80077	319.58085	298.59372		
3604014.47	|	698.18726	596.49930	526.81281	474.08219	431.75472
396.58431		366.53169	340.17937	316.57341		
3603864.47	|	856.07177	689.65409	591.55853	522.67800	470.32046
428.52089		393.68714	363.58262	336.85176		
3603714.47	|	1105.37314	815.42336	672.92106	581.39539	515.97625
465.83230		425.09434	390.41516	359.89829		
3603564.47	|	1523.03509	992.21368	778.53491	654.18494	570.74258
509.65377		461.50681	421.23466	386.12203		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 112

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)					
506963.98	507113.98	506213.98	506363.98	506513.98	506663.98	506813.98
-----	-----	-----	-----	-----	-----	-----
3606564.47	144.88071	139.99247	135.29909	130.79457	126.47396	
122.33059	118.35437	114.53404	110.85983			
3606414.47	149.87777	144.65686	139.65321	134.85805	130.26351	
125.86039	121.63733	117.58302	113.68951			
3606264.47	155.14299	149.56446	144.22499	139.11247	134.21708	
129.52855	125.03628	120.73064	116.60614			
3606114.47	160.70732	154.74071	149.03269	143.56982	138.34299	
133.34336	128.56195	123.99099	119.62655			
3605964.47	166.60473	160.21096	154.09476	148.24494	142.65604	
137.32152	132.23353	127.38437	122.77000			
3605814.47	172.86838	165.99982	159.43182	153.15863	147.17853	
141.48612	136.07254	130.92910	126.05085			
3605664.47	179.52958	172.13406	165.06969	158.33686	151.93522	
145.85797	140.09467	134.63614	129.47721			
3605514.47	186.62373	178.64395	171.03571	163.80247	156.94311	
150.44869	144.30816	138.51321	133.05852			
3605364.47	194.19176	185.56004	177.35048	169.56768	162.20907	
155.26429	148.72191	142.57402	136.81269			
3605214.47	202.27139	192.90529	184.02665	175.64057	167.74208	
160.31854	153.35595	146.84293	140.76488			
3605064.47	210.89354	200.70155	191.08501	182.04525	173.57098	
165.64321	158.24254	151.34957	144.93859			
3604914.47	220.10133	208.99559	198.57670	188.83522	179.74736	
171.28383	163.41758	156.11885	149.34664			
3604764.47	229.98317	217.87931	206.58902	196.08542	186.33014	
177.28366	168.90924	161.16441	153.98961			
3604614.47	240.68733	227.48298	215.22584	203.87085	193.36860	
183.67246	174.73422	166.49108	158.86189			

3604464.47	|	252.38765	237.93633	224.57637	212.25012	200.90185
190.47702		180.90929	172.10714	163.96305		
3604314.47	|	265.24437	249.34640	234.71311	221.27842	208.97887
197.74270		187.47131	178.03666	169.30570		
3604164.47	|	279.41661	261.83357	245.73627	231.04769	217.68614
205.54483		194.47664	184.31219	174.90087		
3604014.47	|	295.13640	275.59267	257.81284	241.69974	227.13762
213.96227		201.96417	190.93716	180.72497		
3603864.47	|	312.73455	290.87949	271.13385	253.37116	237.41564
223.01929		209.90482	197.84412	186.69131		
3603714.47	|	332.53838	307.90933	285.83152	266.12954	248.52339
232.65328		218.18551	204.89611	192.66407		
3603564.47	|	354.83462	326.86505	302.01961	280.02066	260.42724
242.75789		226.66108	211.94941	198.52918		

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
 Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 113

**MODELOPTs: RegDFault CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 3
 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

, L0002914	, L0002915	, L0002916	, L0002917	, L0002918	, L0002919	, L0002920	, L0002921
, L0002922	, L0002923	, L0002924	, L0002925	, L0002926	, L0002927	, L0002928	, L0002929
, L0002930	, L0002931	, L0002932	, L0002933	, L0002934	, L0002935	, L0002936	, L0002937
, L0002938	, L0002939	, . . .					

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)		
	507563.98	507713.98	507863.98
3606564.47	107.32590	103.93088	100.67661
3606414.47	109.95364	106.37628	102.96017
3606264.47	112.66175	108.89907	105.31953
3606114.47	115.46807	111.51593	107.76844
3605964.47	118.38897	114.23932	110.31540
3605814.47	121.43495	117.07674	112.96612
3605664.47	124.61346	120.03617	115.72932
3605514.47	127.93627	123.13127	118.61918
3605364.47	131.42325	126.38064	121.65093
3605214.47	135.09645	129.80036	124.83318
3605064.47	138.97044	133.39553	128.16259
3604914.47	143.04653	137.15743	131.62346
3604764.47	147.31411	141.06782	135.19351
3604614.47	151.75941	145.10866	138.85372
3604464.47	156.37668	149.27110	142.59499
3604314.47	161.16919	153.55386	146.41250
3604164.47	166.13388	157.94344	150.28845
3604014.47	171.22993	162.39254	154.17532
3603864.47	176.36493	166.81538	158.00185
3603714.47	181.42305	171.12197	161.70447
3603564.47	186.33141	175.27665	165.26737

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 114

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
496371.32	496221.32
3603584.9	35061.49565
28992.91707	44567.79218
3603434.9	57596.59125
57962.12033	58646.59911
3603284.9	29375.84944
25171.10100	36851.38634
3603134.9	24625.09308
18360.66241	26377.59618
3602984.9	25495.94809
15765.20407	21113.16256
3602834.9	27044.60591
14159.78051	17832.05678
3602684.9	25358.25273
12905.98520	15541.51725
3602534.9	22130.94637
11634.60095	13843.90820
3602384.9	18524.46818
10746.62836	12562.84819
3602234.9	16543.99106
10029.21624	11592.97469
3602084.9	16581.99649
9455.71508	10872.18745
3601934.9	18981.16302
8992.82415	10374.60281
3601784.9	19725.41241
8638.99573	11238.03173
3601634.9	19671.68373
8421.13298	12659.67968

3601484.9	|	11755.91313 (90120306)	17920.98240 (90012904)	17196.37937 (91012204)
10283.89709		(90022003)	8114.91420 (92012907)	
3601334.9	|	10867.34539 (90120306)	14345.68996 (90121706)	27106.97720 (92020506)
19397.07681		(92092408)	13688.96889 (92092408)	
3601184.9	|	10247.11094 (90020607)	12446.51334 (90020607)	16731.48851 (92122605)
25997.54855		(90121805)	22277.62088 (91012204)	
3601034.9	|	9729.07634 (90110404)	10907.35645 (90031506)	13283.11676 (92122605)
16219.97703		(90110403)	25169.22425 (92011404)	
3600884.9	|	8945.45931 (92012907)	9835.22743 (90031506)	11330.18611 (90102504)
12671.02181		(91012203)	14617.41470 (90020606)	
3600734.9	|	8295.55553 (92103107)	8991.21786 (90031506)	10011.91432 (90102504)
10817.73968		(91012203)	11648.90346 (90020606)	
3600584.9	|	7737.64274 (92103107)	8290.04240 (90031506)	9034.37575 (90102504)
9590.16899		(91012203)	10033.78094 (90020606)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 115

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497121.32	496671.32	496821.32	496971.32

3603584.9	30221.88440 (91031207)	31886.09586 (91031207)	33709.13001 (91031207)
35449.75414	(91031207) 37186.69074 (91031206)		
3603434.9	56462.87036 (91011103)	56001.78303 (91011103)	56609.65007 (90012702)
57401.25091	(90012702) 56126.05274 (91030303)		
3603284.9	23669.24753 (92013103)	23401.04435 (91030303)	24545.10377 (91030303)
26063.56042	(91030303) 28034.57304 (91030303)		
3603134.9	18594.42796 (91030303)	19509.07988 (91030303)	20549.34021 (91030303)
22005.35492	(90021006) 23744.12351 (90021006)		
3602984.9	16584.39148 (90021006)	17338.65471 (92100506)	18333.56285 (92100506)
19340.90128	(92100506) 20290.13619 (92100506)		
3602834.9	14852.63990 (92100506)	15506.14336 (92122207)	16094.63028 (92122207)
16577.74650	(92100404) 17321.10678 (90020607)		
3602684.9	13290.41378 (92100404)	13671.59362 (90020607)	14134.30158 (90020607)
14507.37373	(90110404) 14957.51412 (91031608)		
3602534.9	12023.43541 (90020607)	12288.46524 (91031608)	12563.88160 (90012806)
12954.31347	(90012806) 13277.75974 (90011809)		
3602384.9	10953.16552 (90012806)	11227.19561 (90012806)	11405.67655 (90011809)
11705.59661	(90022203) 11939.28939 (90022203)		
3602234.9	10073.84163 (90011809)	10312.04186 (90011809)	10557.31843 (90022203)
10681.66732	(90092306) 10872.18052 (92012907)		
3602084.9	9489.74771 (90022203)	9623.24137 (90022203)	9751.49936 (90092306)
9877.55684	(92012907) 9929.49271 (92103107)		
3601934.9	8894.22277 (90022203)	9022.66751 (90092306)	9106.44415 (92012907)
9120.48402	(92103107) 9076.63084 (92103107)		
3601784.9	8486.17601 (90092306)	8526.83316 (92012907)	8502.61677 (92103107)
8456.36071	(92103107) 8411.61696 (90091203)		
3601634.9	8151.32577 (92012907)	8069.16890 (92103107)	7995.90279 (92103107)
7869.84154	(90091203) 7901.99631 (90091203)		

3601484.9	|	7885.89583 (92103107)	7729.45994 (92103107)	7547.30183 (92102504)
7541.19326	(90091203)	7431.13489 (90110206)		
3601334.9	|	10998.26501 (92092408)	9381.14660 (92092408)	8284.65297 (92092408)
7487.60301	(92092408)	7149.19299 (91031608)		
3601184.9	|	16288.30027 (92092408)	12429.52717 (92092408)	10257.02174 (92092408)
8845.73091	(92092408)	7855.40143 (92092408)		
3601034.9	|	25010.54239 (90121806)	17691.23633 (92092408)	13075.35104 (92092408)
10568.24843	(92092408)	8976.69880 (92092408)		
3600884.9	|	21280.27228 (92011404)	26692.34568 (90122610)	19487.46947 (92092408)
13663.86565	(92092408)	10692.41801 (92092408)		
3600734.9	|	13368.89797 (90012806)	18113.08331 (92011404)	27286.89944 (91013011)
21362.38962	(92092408)	13805.42728 (92092408)		
3600584.9	|	10754.24251 (90012806)	12262.30139 (90121007)	15557.05219 (90010803)
27373.82384	(90030707)	21138.29605 (90031605)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 116

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497871.32	497421.32	497571.32	497721.32

3603584.9	39047.95215 (91013103)	40114.62720 (90012807)	39612.89840 (91011102)
37090.04561	(90121805) 35358.89675 (90012904)		
3603434.9	52018.10277 (91030303)	48802.60122 (91011103)	51512.74135 (90020907)
62784.71653	(90020907) 71973.98256 (90020703)		
3603284.9	30644.11406 (91030303)	34182.08913 (91030303)	39214.52026 (91030303)
46920.91619	(91030303) 59780.43269 (91030303)		
3603134.9	25782.48823 (90021006)	28115.27132 (90021006)	31277.94669 (92100506)
34663.67256	(92122207) 38511.24579 (92122207)		
3602984.9	21644.07812 (92122207)	22736.99244 (92100404)	24214.57465 (90020607)
25495.81999	(91031608) 26802.71955 (90011809)		
3602834.9	17980.39442 (90110404)	18712.76068 (91031608)	19403.78887 (90011809)
20266.21302	(90022203) 20894.52519 (92012907)		
3602684.9	15456.84816 (90012806)	15962.67885 (90022203)	16428.18448 (90092306)
16760.73966	(92012907) 16829.11499 (90091203)		
3602534.9	13678.04306 (90022203)	13953.07576 (90092306)	14123.71043 (92103107)
14128.04544	(90091203) 14120.23997 (92110709)		
3602384.9	12172.91013 (90092306)	12308.33001 (92103107)	12211.34504 (90091203)
12265.81368	(90110206) 12424.24824 (91121305)		
3602234.9	10971.82075 (92103107)	10868.31800 (92103107)	10937.46830 (90091203)
10909.79458	(92011308) 10978.31629 (91121305)		
3602084.9	9869.25815 (92103107)	9936.13359 (90091203)	9827.45558 (92110709)
9943.21008	(91121305) 9849.81721 (90010603)		
3601934.9	9097.28514 (90091203)	9028.86478 (90110206)	9021.46376 (92011308)
9068.86291	(91121305) 9158.75174 (90020607)		
3601784.9	8395.07022 (90110206)	8312.56873 (92110709)	8428.57857 (90020607)
8625.74192	(90020607) 8810.72320 (90020607)		
3601634.9	7798.22430 (92110709)	7883.12190 (90020607)	8004.12972 (90110404)
8178.58304	(90110404) 8330.77567 (90110404)		

3601484.9	|	7474.41541 (90110404)	7544.31865 (90110404)	7637.42518 (91031608)
7788.31711	(91031608)	7908.82098 (91031608)		
3601334.9	|	7204.46117 (91031608)	7254.83667 (91031608)	7277.77514 (91031608)
7328.33508	(90012806)	7479.10061 (90012806)		
3601184.9	|	7131.75146 (92092408)	6927.62199 (90012806)	6998.12139 (90012806)
7041.44008	(90012806)	7025.43137 (90012806)		
3601034.9	|	7894.11778 (92092408)	7130.67733 (92092408)	6573.32459 (92092408)
6549.63155	(90011809)	6645.29805 (90011809)		
3600884.9	|	8935.37696 (92092408)	7809.10437 (92092408)	6971.77894 (92092408)
6330.97861	(90011809)	6305.07334 (90011809)		
3600734.9	|	10416.33555 (92092408)	8134.61754 (92092408)	6471.09848 (92092408)
5978.83908	(90022203)	6015.71138 (90022203)		
3600584.9	|	11066.52367 (92122602)	7917.90485 (90010509)	6294.73035 (92013009)
5744.31434	(90022203)	5665.52438 (90022203)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 117

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
498621.32	498171.32	498321.32	498471.32

3603584.9	36866.77591 (91012204)	33908.26768 (91013103)	36728.38312 (91013103)
37500.01281	(90020703)	38021.26663 (90020703)	
3603434.9	78635.40432 (90121805)	61750.98713 (91012204)	48979.25987 (92092408)
66320.53851	(91011103)	64546.84557 (91011103)	
3603284.9	82345.07939 (91030303)	112895.22113 (91011103)	90564.02289 (92013009)
114281.79103	(92092408)	78898.44745 (92092408)	
3603134.9	42820.61240 (90020607)	48339.39341 (90012806)	55062.56086 (92012907)
77855.73715	(90123106)	76818.16366 (91111303)	
3602984.9	28387.36875 (90092306)	29426.94796 (90091203)	30069.79894 (90010603)
35741.06030	(92011404)	39618.28851 (90123106)	
3602834.9	21107.79755 (90091203)	21452.89612 (91121305)	21319.48197 (92122605)
23710.59643	(92012307)	26663.14809 (92122606)	
3602684.9	16940.63227 (92011308)	16984.32968 (90110405)	17120.45493 (92122605)
18113.25601	(90031508)	19569.79972 (91013007)	
3602534.9	14288.01130 (91121305)	14178.83541 (90120604)	14286.59035 (92122605)
14786.72797	(90022005)	15370.58347 (90010407)	
3602384.9	12341.80186 (90010603)	12118.35880 (90110406)	12237.40496 (92122605)
12503.68596	(90121007)	12715.02750 (92122207)	
3602234.9	10911.03160 (90110405)	10939.93117 (92122207)	11270.22950 (92122207)
11608.36286	(92122207)	11984.57546 (92100404)	
3602084.9	9948.31952 (92100404)	10183.35287 (92100404)	10405.45621 (92100404)
10789.84646	(90020607)	11249.69466 (90020607)	
3601934.9	9455.91814 (90020607)	9763.68353 (90020607)	10070.33047 (90020607)
10357.36012	(90020607)	10617.15861 (90092307)	
3601784.9	8967.67272 (90020607)	9199.66097 (90110404)	9442.00793 (90110404)
9624.61030	(90110404)	9926.45913 (91031608)	
3601634.9	8465.53218 (91031608)	8685.78473 (91031608)	8852.78685 (91031608)
8949.33404	(92032405)	9166.06204 (90012806)	

3601484.9	|	7972.11609 (92032405)	8111.34558 (90012806)	8289.83595 (90012806)
8382.36414	(90012806)	8339.95736 (90012806)		
3601334.9	|	7591.79363 (90012806)	7630.41507 (90012806)	7558.97155 (90012806)
7700.59918	(90011809)	7783.12260 (90011809)		
3601184.9	|	6982.87845 (90011809)	7113.52194 (90011809)	7194.45768 (90011809)
7181.52256	(90011809)	7217.23894 (92012907)		
3601034.9	|	6708.57234 (90011809)	6699.73369 (90011809)	6714.69595 (90022203)
6761.83678	(92103107)	6877.03816 (92103107)		
3600884.9	|	6302.64411 (90022203)	6353.87500 (90022203)	6357.20909 (92103107)
6418.92217	(92103107)	6502.81562 (92102504)		
3600734.9	|	6009.52546 (90022203)	5997.78202 (92103107)	6020.48923 (92103107)
6104.21837	(90091203)	6331.01242 (90091203)		
3600584.9	|	5679.19329 (92103107)	5695.90042 (92102504)	5773.14099 (90091203)
5965.21609	(90091203)	6040.59151 (90110206)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 118

**MODELOPTs: RegDEFAULT CONC ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 498921.32

3603584.9	38217.30532 (90012807)
3603434.9	73808.48704 (91011103)
3603284.9	57913.49448 (92092408)
3603134.9	62450.40368 (92013009)
3602984.9	36826.39078 (90101006)
3602834.9	26130.72717 (90123106)
3602684.9	20404.77576 (92012206)
3602534.9	16296.13796 (90030707)
3602384.9	13420.49716 (92011404)
3602234.9	12418.98503 (92100404)
3602084.9	11755.82640 (90020607)
3601934.9	10993.35131 (90110404)
3601784.9	10135.86884 (91031608)
3601634.9	9320.32980 (90012806)
3601484.9	8424.39731 (90011809)
3601334.9	7806.10105 (92012907)
3601184.9	7404.45140 (92103107)
3601034.9	6966.17743 (92102504)
3600884.9	6750.38988 (90091203)
3600734.9	6426.13240 (90110206)
3600584.9	6101.20495 (90110206)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 119

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
496374.40	495924.40	496074.40	496224.40

3606567.5	10877.91974 (90012906)	11769.35519 (90012906)	12835.04416 (90012904)
16566.40028	(90022003) 28009.09740 (90022306)		
3606417.5	11282.02152 (90121805)	12396.23726 (90012906)	14358.14725 (90012906)
17881.48036	(90012906) 36876.89645 (92020809)		
3606267.5	11664.56151 (90121805)	12873.21369 (90121805)	14804.95560 (90121805)
18890.29077	(90012906) 40109.90274 (92020809)		
3606117.5	11914.29002 (90121805)	13266.16169 (90121805)	15382.09593 (90121805)
19591.02111	(90121805) 41238.24496 (92020809)		
3605967.5	12171.83663 (90020406)	13516.00092 (90020406)	15780.78521 (90121805)
20220.13198	(90121805) 41712.31462 (92020809)		
3605817.5	12398.52992 (90121706)	13789.97582 (90020406)	16079.16853 (90020406)
20624.94393	(90121805) 41720.95755 (92020809)		
3605667.5	12656.44516 (90121706)	14103.88445 (90121706)	16333.91026 (90121706)
20933.48043	(90020406) 41656.88549 (90022306)		
3605517.5	12679.09520 (91011102)	14287.53020 (90121706)	16790.33380 (90121706)
21430.46030	(90121706) 42616.03564 (90110406)		
3605367.5	12319.29491 (91011102)	14008.04857 (91011102)	16946.31426 (91011102)
22506.97420	(90121706) 48350.45421 (90110406)		
3605217.5	12165.74209 (91011102)	13448.92709 (91011102)	15664.21533 (91011102)
21386.81959	(91011102) 55602.21438 (90120306)		
3605067.5	12535.81926 (91031606)	13731.06111 (91011102)	15940.83948 (91011102)
22472.70707	(91121305) 44637.37387 (90012605)		
3604917.5	13441.07527 (91012307)	14662.19537 (91012307)	16879.79450 (91012307)
24970.60330	(90110405) 39863.84954 (90110403)		
3604767.5	14239.64579 (91012307)	15687.64913 (91012307)	18345.63757 (91012307)
29058.20384	(90120604) 31639.67500 (91012203)		
3604617.5	15005.63159 (90110307)	16646.90822 (90110307)	19795.77007 (90110307)
34960.18583	(92092803) 25410.98739 (91012203)		

3604467.5	|	15981.89855 (90012807)	17784.74803 (90012807)	21511.41038 (90012807)
41316.22087	(90110406)	21535.05709 (90110403)		
3604317.5	|	16931.19253 (90012807)	19063.07027 (90012807)	23758.90130 (90012807)
42377.23221	(90100905)	18982.34194 (92092408)		
3604167.5	|	18272.97114 (90020703)	20601.30292 (90020703)	26383.14747 (90020703)
36963.13159	(90012605)	17587.82662 (92092408)		
3604017.5	|	20132.75549 (91013103)	22898.89573 (90020703)	30419.49768 (90020703)
29752.49247	(90102504)	17214.96005 (90020703)		
3603867.5	|	22581.68935 (91031206)	26012.74605 (91013103)	33632.87894 (92092803)
24396.06255	(92092408)	19928.09967 (90020703)		
3603717.5	|	25793.77585 (91031207)	30049.48052 (91031207)	38069.15710 (90110406)
24702.22853	(91031207)	23971.89461 (91031206)		
3603567.5	|	31651.89878 (90020907)	36562.26676 (90020907)	40892.48375 (90120306)
30210.43127	(90020907)	30274.07201 (90020907)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 120

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497124.40	496674.40	496824.40	496974.40

3606567.5	29944.57357 (90122502)	17662.77964 (92112405)	12177.65714 (91011803)
9215.25533	(90012509) 7341.24507 (90040908)		
3606417.5	36452.62216 (91011312)	17939.14448 (92112405)	12226.53824 (91013010)
9415.84979	(92092408) 8374.24045 (92092408)		
3606267.5	37770.34105 (91011312)	19255.14984 (92092408)	14113.11967 (92092408)
11438.87672	(92092408) 9788.86055 (92092408)		
3606117.5	37316.20342 (91011312)	19938.67749 (92092408)	14570.88858 (92092408)
11793.68218	(92092408) 10088.61085 (92092408)		
3605967.5	37019.98838 (92112405)	20268.62876 (92092408)	14842.26151 (92092408)
12003.91650	(92092408) 10261.27098 (92092408)		
3605817.5	36367.41058 (92112405)	20397.74737 (92092408)	15006.93071 (92092408)
12169.12331	(92092408) 10422.65630 (92092408)		
3605667.5	34657.32487 (91011803)	20436.42257 (92092408)	15142.26711 (92092408)
12332.12531	(92092408) 10577.79662 (92092408)		
3605517.5	33746.86377 (92092408)	20374.75833 (92092408)	15189.62556 (92092408)
12357.17160	(92092408) 10526.23930 (92092408)		
3605367.5	31618.74305 (92092408)	19614.91167 (92092408)	14533.15522 (92092408)
11656.72946	(92092408) 9831.07536 (92092408)		
3605217.5	26312.39541 (92092408)	16326.77344 (92092408)	12269.74553 (92092408)
10078.32484	(92092408) 9042.29526 (90020406)		
3605067.5	23068.32586 (90022005)	14301.30374 (92012307)	10751.68738 (92092408)
9685.49040	(90121706) 9516.31109 (90121706)		
3604917.5	20359.12848 (90021008)	13631.77697 (92012307)	10416.82272 (91011102)
10185.77642	(91011102) 9990.43973 (91011102)		
3604767.5	17883.29872 (91021003)	12864.78505 (90070507)	10772.84810 (91011102)
10705.66516	(91011102) 10664.23572 (91011102)		
3604617.5	15960.55713 (90121007)	12077.68358 (92100803)	11495.07598 (91012307)
11206.67251	(91031606) 11177.74838 (91011102)		

3604467.5	|	14426.89334 (90121007)	12780.20353 (91012307)	12592.64063 (91012307)
12460.61665	(91012307)	12318.97928 (91012307)		
3604317.5	|	14070.62860 (90012807)	13683.79602 (90110307)	13597.14252 (90110307)
13576.21471	(90110307)	13601.49861 (91012307)		
3604167.5	|	15214.23605 (90012807)	15019.72903 (90012807)	14949.17647 (90012807)
14929.13024	(90012807)	14932.37847 (90012807)		
3604017.5	|	16671.76900 (90020703)	16522.71830 (90020703)	16490.67423 (90020703)
16552.11796	(90012807)	16702.50225 (90012807)		
3603867.5	|	19541.18503 (90020703)	19247.21959 (90020703)	19046.38478 (90020703)
19021.41778	(90020703)	19122.22597 (90020703)		
3603717.5	|	24342.28440 (91031206)	24916.18011 (91013103)	25110.37504 (91013103)
25223.96720	(90020703)	24963.96308 (90110307)		
3603567.5	|	31085.62736 (90020907)	32861.10315 (91031207)	35044.59170 (91031207)
37387.47952	(91031207)	39484.92761 (91031207)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 121

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
497874.40	497424.40	497574.40	497724.40

3606567.5	6577.85771 (90012904)	6599.43511 (90012904)	6502.95136 (90012904)
6699.48175	(90031406)	6939.38763 (90010409)	
3606417.5	7616.89909 (92092408)	7043.44004 (92092408)	6894.82366 (90012904)
6817.22720	(90012904)	7015.20612 (90031406)	
3606267.5	8669.01978 (92092408)	7862.12857 (92092408)	7257.95135 (92092408)
7220.01297	(90012904)	7169.97397 (90012904)	
3606117.5	8934.29758 (92092408)	8104.00504 (92092408)	7483.45956 (92092408)
7413.13200	(90012904)	7584.96801 (90012904)	
3605967.5	9087.78428 (92092408)	8248.87588 (92092408)	7624.08355 (92092408)
7578.69234	(90012310)	7750.10304 (90012904)	
3605817.5	9242.91795 (92092408)	8392.88377 (92092408)	7751.11961 (92092408)
7698.92809	(92030905)	7932.32659 (90012310)	
3605667.5	9365.97742 (92092408)	8470.69923 (92092408)	7950.05005 (90012906)
7960.66645	(92020506)	8074.21613 (92030905)	
3605517.5	9234.11419 (92092408)	8280.15758 (92092408)	8192.50584 (90012906)
8320.70593	(90012906)	8376.62519 (90012906)	
3605367.5	8595.32450 (92092408)	8530.95275 (90121805)	8451.34035 (90121805)
8486.78783	(90012906)	8714.72299 (90012906)	
3605217.5	8932.72448 (90020406)	8883.87810 (90121805)	8925.40601 (90121805)
8933.31008	(90121805)	8902.20619 (90121805)	
3605067.5	9368.88617 (91031303)	9331.16134 (90020406)	9311.48938 (90020406)
9354.50743	(90121805)	9452.39647 (90121805)	
3604917.5	9948.38675 (90121706)	9901.25818 (90121706)	9829.70865 (91031303)
9854.86713	(90020406)	9882.89221 (90020406)	
3604767.5	10607.74351 (91011102)	10517.94928 (91011102)	10523.28208 (90121706)
10529.11472	(90121706)	10491.22960 (91031303)	
3604617.5	11274.43773 (91011102)	11338.06011 (91011102)	11352.80646 (91011102)
11310.55656	(91011102)	11321.15662 (90121706)	

3604467.5	|	12138.89358 (91012307)	12020.58145 (91011102)	12192.75578 (91011102)
12311.73329	(91011102)	12367.02762 (91011102)		
3604317.5	|	13661.96220 (91012307)	13649.67221 (91012307)	13549.76916 (91012307)
13369.39566	(91012307)	13448.26546 (91011102)		
3604167.5	|	15063.61331 (90110307)	15250.54104 (90110307)	15391.30104 (91012307)
15492.04360	(91012307)	15469.03097 (91012307)		
3604017.5	|	16910.42563 (90012807)	17180.02138 (90012807)	17428.41895 (90012807)
17634.56631	(90110307)	17885.95723 (90110307)		
3603867.5	|	19247.00839 (90020703)	19441.95311 (90020703)	19804.65616 (90020703)
20380.83608	(90012807)	21056.86670 (90012807)		
3603717.5	|	24511.50697 (91011102)	24334.87821 (90020406)	23550.09409 (90012906)
23812.48296	(90012904)	25201.47335 (90010409)		
3603567.5	|	42139.58532 (91013103)	43879.24059 (90012807)	43292.21087 (91012307)
40632.96563	(90121805)	39440.26337 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 122

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	498174.40	498324.40	X-COORD (METERS) 498474.40
---------------------	-----------	-----------	-------------------------------

3606567.5	7135.26286 (90010409)	7342.15851 (90020605)	7617.81767 (90020605)
8013.69604	(90010911) 8723.24616 (92022604)		
3606417.5	7285.54408 (90010409)	7496.72003 (90010409)	7747.82580 (90020605)
8063.66878	(90020605) 8615.39748 (90010911)		
3606267.5	7371.01590 (90031406)	7677.58380 (90010409)	7903.96862 (90010409)
8207.02621	(90020605) 8582.40842 (90020605)		
3606117.5	7572.51811 (90012904)	7779.22718 (90031406)	8129.31580 (90010409)
8370.04121	(90010409) 8734.68133 (90020605)		
3605967.5	7998.36300 (90012904)	8038.82923 (90012904)	8255.03539 (90031406)
8659.38697	(90010409) 8913.54038 (90010409)		
3605817.5	8126.40760 (90012904)	8470.27301 (90012904)	8584.61187 (90012904)
8817.51080	(90031406) 9292.34994 (90010409)		
3605667.5	8321.84608 (90012310)	8608.24036 (90012310)	9010.52376 (90012904)
9227.25253	(90012904) 9489.40453 (90031406)		
3605517.5	8529.94651 (92020506)	8747.68881 (90012310)	9165.35410 (90012310)
9629.27137	(90012904) 9985.00104 (90012904)		
3605367.5	8878.88440 (90012906)	9024.88610 (92020506)	9279.52492 (92030905)
9785.61088	(90012310) 10337.50019 (90012904)		
3605217.5	9125.17610 (90012906)	9409.63741 (90012906)	9598.52525 (90012906)
9922.21749	(92020506) 10472.03281 (90012310)		
3605067.5	9505.00665 (90121805)	9549.41851 (90012906)	9961.94854 (90012906)
10303.87573	(90012906) 10658.60840 (92020506)		
3604917.5	10000.67606 (90121805)	10150.75897 (90121805)	10254.79045 (90121805)
10529.84406	(90012906) 11049.45711 (90012906)		
3604767.5	10558.13499 (90020406)	10627.78664 (90020406)	10830.99770 (90121805)
11049.58569	(90121805) 11231.05444 (90121805)		
3604617.5	11357.27960 (90121706)	11345.41521 (90121706)	11447.16094 (90020406)
11568.42811	(90020406) 11887.84441 (90121805)		

3604467.5	|	12350.80299 (91011102)	12344.31249 (90121706)	12401.73599 (90121706)
12413.09878	(90121706)	12556.27703 (90020406)		
3604317.5	|	13606.80837 (91011102)	13689.34939 (91011102)	13684.57293 (91011102)
13636.71888	(90121706)	13706.98093 (90121706)		
3604167.5	|	15334.43204 (91012307)	15135.33902 (91011102)	15319.81023 (91011102)
15410.94265	(91011102)	15399.25569 (91011102)		
3604017.5	|	18022.29159 (91012307)	18096.49054 (91012307)	18022.29336 (91012307)
17791.50581	(91012307)	17624.90194 (91011102)		
3603867.5	|	21430.11929 (90012807)	21526.12262 (90012807)	21735.52601 (90110307)
21821.71270	(91012307)	21851.70511 (91012307)		
3603717.5	|	26051.67494 (90020703)	26920.51908 (90020703)	27455.40678 (90012807)
27708.88189	(90012807)	27865.63632 (90012807)		
3603567.5	|	39127.64610 (90020605)	34829.58190 (91031207)	38515.87929 (91013103)
39663.90251	(90020703)	40329.55084 (90020703)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 123

**MODELOPTs: RegDEFAULT CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 498924.40

3606567.5	9746.25914 (91012204)
3606417.5	9583.64264 (92022604)
3606267.5	9359.94022 (90010911)
3606117.5	9206.94636 (90020605)
3605967.5	9350.41673 (90020605)
3605817.5	9585.19807 (90020605)
3605667.5	10058.70447 (90010409)
3605517.5	10297.75925 (90031406)
3605367.5	10878.72737 (90012904)
3605217.5	11147.85998 (90012904)
3605067.5	11231.95985 (90012310)
3604917.5	11462.27369 (90012906)
3604767.5	11830.09668 (90012906)
3604617.5	12217.30206 (90121805)
3604467.5	12765.47306 (90121805)
3604317.5	13739.59736 (90121706)
3604167.5	15293.48080 (91011102)
3604017.5	17706.41434 (91011102)
3603867.5	21659.68690 (91012307)
3603717.5	27922.74277 (90110307)
3603567.5	40484.32451 (90020703)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 124

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
499354.52	498904.52	499504.52	499204.52

3603584.8	38191.55231 (90012807)	38566.47840 (90012807)	39174.12090 (90012807)
40916.93343	(92092408) 42875.12421 (92092408)		
3603434.8	74917.46615 (92092408)	84158.82332 (92092408)	76008.67389 (91011103)
78522.47423	(92092408) 83297.17135 (92092408)		
3603284.8	59511.68577 (92092408)	50358.68630 (92092408)	49057.69478 (92092408)
51715.68091	(92092408) 56333.37261 (92092408)		
3603134.8	65092.30593 (90021108)	54977.30796 (92070904)	47444.62687 (91110506)
42439.76941	(90110504) 39130.87818 (90110504)		
3602984.8	37176.58645 (90101006)	33983.86786 (90120404)	30700.06803 (92122602)
28209.36372	(90021108) 26835.72250 (91030303)		
3602834.8	26272.27937 (90010305)	24580.76690 (90122610)	23457.37297 (90120106)
22098.13774	(90120404) 21820.70188 (92100506)		
3602684.8	20351.74719 (90010908)	19699.26799 (90123106)	18715.49659 (90032105)
18049.52127	(90101006) 17902.75059 (92122207)		
3602534.8	16233.98369 (90010803)	16483.40372 (92012206)	15943.76946 (90123106)
15202.82889	(92100506) 15687.68616 (92100506)		
3602384.8	13346.42538 (91013007)	13933.04189 (92122606)	14107.48124 (92122207)
14812.09339	(92122207) 15774.91396 (92122207)		
3602234.8	12367.62777 (92100404)	12843.10071 (92100404)	13377.20103 (92100404)
14002.29727	(90020607) 15191.78554 (90020607)		
3602084.8	11696.91136 (90020607)	12230.57382 (90020607)	12754.50946 (90020607)
13297.09512	(90110404) 13893.28960 (90110404)		
3601934.8	10951.71212 (90110404)	11271.58773 (90110404)	11663.80095 (91031608)
11907.84986	(91031608) 12187.26283 (90012806)		
3601784.8	10118.68848 (91031608)	10264.11812 (90012806)	10515.40382 (90012806)
10524.35719	(90012806) 10644.51793 (92012907)		
3601634.8	9309.84594 (90012806)	9312.48532 (90012806)	9311.98744 (90011809)
9571.87285	(92012907) 9902.99448 (92103107)		

3601484.8	|	8409.93002 (90011809)	8483.78833 (90011809)	8676.18595 (92103107)
8916.39565	(92103107)	9243.48399 (90091203)		
3601334.8	|	7787.43582 (92012907)	7988.09328 (92103107)	8108.86001 (92102504)
8438.29255	(90091203)	8666.90877 (90110206)		
3601184.8	|	7390.49187 (92103107)	7486.13391 (92102504)	7770.41630 (90091203)
7958.96065	(90110206)	8113.71007 (92110709)		
3601034.8	|	6954.11564 (92102504)	7207.91770 (90091203)	7360.07109 (90110206)
7489.44534	(92110709)	7557.86292 (92042704)		
3600884.8	|	6727.02786 (90091203)	6848.92987 (90110206)	6947.98975 (92110709)
7033.53025	(92110709)	7202.51759 (92011308)		
3600734.8	|	6414.48441 (90091203)	6483.90838 (90110206)	6596.52004 (92110709)
6700.09810	(92011308)	6783.84910 (91121305)		
3600584.8	|	6102.78516 (90110206)	6203.33707 (92110709)	6247.00600 (92042704)
6375.15380	(92011308)	6444.08901 (91121305)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 125

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	499654.52		499804.52		X-COORD (METERS)	
	500254.52				499954.52	
3603584.8	44284.05421	(92092408)	45796.20616	(92092408)	47683.98876	(92092408)
49182.56862	(92092408)	49563.72816	(92092408)			
3603434.8	89067.45363	(92092408)	99276.91893	(92092408)	105911.88951	(92092408)
90902.52238	(92092408)	92386.38686	(92092408)			
3603284.8	55887.46244	(92092408)	49005.97802	(92092408)	42548.83043	(92092408)
38022.52021	(92092408)	36049.48829	(91021909)			
3603134.8	41767.03413	(90020907)	46112.06185	(91031207)	51380.44219	(90010410)
40297.79292	(90010410)	36906.54095	(91031207)			
3602984.8	30049.35994	(91030303)	34950.02162	(91030303)	43318.20308	(91030303)
57109.85378	(91030303)	67556.14815	(91030303)			
3602834.8	23562.77155	(92100506)	25787.52731	(92122207)	28189.84707	(92100404)
31092.64289	(90110404)	32588.00249	(90022203)			
3602684.8	18658.03536	(90020607)	19456.03012	(91031608)	20268.59705	(90011809)
21034.27625	(90092306)	21211.57831	(92011105)			
3602534.8	16341.16022	(92100506)	17296.14226	(92100506)	18713.13241	(92100506)
20753.07599	(92100506)	23897.13973	(92100506)			
3602384.8	17151.26689	(92122207)	19198.60201	(92122207)	22524.63098	(92100404)
28701.24075	(90020607)	38618.42536	(91031608)			
3602234.8	16594.52453	(90020607)	17988.42937	(90110404)	19529.56753	(91031608)
20491.32025	(90022203)	21364.89649	(92103107)			
3602084.8	14501.44869	(91031608)	14841.30811	(90012806)	15432.67704	(90092306)
16160.59035	(92103107)	16454.12785	(92110709)			
3601934.8	12129.42096	(90012806)	12848.82603	(92012907)	13348.86229	(90091203)
13832.35326	(92110709)	13961.94347	(91121305)			
3601784.8	11135.38703	(92103107)	11544.68011	(90091203)	11960.27645	(90110206)
12223.10162	(92011308)	12074.16169	(90010603)			
3601634.8	10243.32045	(90091203)	10591.17537	(90110206)	10815.82955	(92011308)
10942.75011	(91121305)	10800.99351	(90110405)			

3601484.8	|	9524.55677 (90110206)	9682.38743 (92110709)	9897.17659 (91121305)
9818.70218	(90010603)	9802.39881 (90120604)		
3601334.8	|	8836.41359 (92110709)	9020.59789 (92011308)	9081.30518 (91121305)
8948.52672	(91121207)	9115.73032 (90020606)		
3601184.8	|	8244.28915 (92011308)	8389.17718 (91121305)	8299.88141 (90010603)
8319.69332	(90110405)	8577.15567 (90020606)		
3601034.8	|	7737.21841 (92011308)	7781.15950 (91121305)	7715.29944 (90010603)
7743.19730	(90120604)	8102.60270 (90020606)		
3600884.8	|	7287.19729 (91121305)	7199.45700 (90010603)	7199.67389 (90110405)
7291.85763	(91012203)	7684.19306 (90110403)		
3600734.8	|	6807.88966 (91121305)	6777.99415 (90010603)	6794.98622 (90110405)
6965.20981	(91012203)	7308.25762 (90110403)		
3600584.8	|	6358.31235 (90010603)	6360.95784 (91121207)	6419.85100 (92122605)
6669.01573	(92122605)	6967.73241 (90110403)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 126

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
500854.52	500404.52	500554.52	500704.52
3603584.8	49244.44721 (92092408)	48435.67947 (92092408)	47157.45357 (92092408)
45729.53323	(92092408) 44145.91011 (92092408)		
3603434.8	93134.19282 (92092408)	96940.11618 (92092408)	80921.16112 (92092408)
82154.99316	(92092408) 82891.60041 (92092408)		
3603284.8	35770.83954 (91021909)	35632.46900 (91021909)	35428.39965 (91021909)
35197.16188	(91021909) 34795.88926 (91021909)		
3603134.8	40228.42153 (91031207)	44415.55498 (91013103)	49425.41517 (91013103)
53019.56236	(90012807) 59281.03527 (92092408)		
3602984.8	66320.31307 (90021006)	60062.76169 (92100506)	61891.35452 (90091205)
57877.43841	(90091205) 53576.94925 (90110504)		
3602834.8	32844.75669 (90022005)	33015.13271 (90120106)	33059.73807 (92122602)
32117.69386	(90010509) 30859.55484 (90021108)		
3602684.8	24086.12901 (90022005)	25271.33841 (90070507)	25314.40984 (92012307)
26343.49284	(92110607) 30600.70446 (92092408)		
3602534.8	29467.69543 (92100506)	41610.31400 (92122207)	47423.64325 (92092408)
39872.83052	(92092408) 36705.95854 (90122610)		
3602384.8	38721.77908 (90022203)	31546.90534 (90031508)	27827.36896 (90101004)
25044.72174	(92012307) 24196.58384 (92012205)		
3602234.8	21714.82629 (90121007)	22522.02653 (90022005)	21798.56559 (90070507)
20665.77991	(92012307) 19955.58023 (90010407)		
3602084.8	17279.73498 (90121007)	18607.38926 (90022005)	18486.51193 (92100803)
17901.02524	(90102406) 17350.76890 (92012307)		
3601934.8	14639.44954 (90121007)	16008.42136 (90022005)	16200.78825 (90031508)
15920.46071	(90101004) 15632.39061 (92012307)		
3601784.8	12864.63734 (90113001)	14107.52507 (91021003)	14507.34372 (90031508)
14393.84063	(90070507) 14217.92639 (92012307)		
3601634.8	11580.21339 (92122107)	12639.82758 (91021003)	13124.99126 (90022005)
13172.04689	(92100803) 13037.34743 (90101004)		

3601484.8	|	10608.29644 (92122107)	11500.73549 (90121007)	12005.58796 (90022005)
12085.40318	(92100803)	12033.96008 (90101004)		
3601334.8	|	9815.79933 (92122107)	10570.69747 (90121007)	11013.26333 (90022005)
11200.64185	(90031508)	11189.83004 (90070507)		
3601184.8	|	9153.24534 (90020606)	9782.87754 (90121007)	10185.65788 (90021008)
10399.26316	(90031508)	10459.10600 (92100803)		
3601034.8	|	8601.69704 (90020606)	9106.41416 (90121007)	9490.92338 (91021003)
9720.44719	(90022005)	9783.64369 (92100803)		
3600884.8	|	8116.18820 (90020606)	8510.55615 (90113001)	8866.77548 (91021003)
9120.55341	(90022005)	9188.02886 (90031508)		
3600734.8	|	7686.27008 (90020606)	8005.74072 (90113001)	8332.00181 (90121007)
8562.88424	(90022005)	8667.31343 (90031508)		
3600584.8	|	7302.37335 (90020606)	7555.58745 (90113001)	7878.07091 (90121007)
8069.15837	(90021008)	8168.26602 (90031508)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 127

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
501604.52	501454.52
501154.52	501304.52
501754.52	
3603584.8	42443.73775 (92092408) 40943.11576 (92092408) 39069.69950 (92092408)
37070.80299	(92092408) 35295.16395 (92092408)
3603434.8	74174.28472 (92092408) 63318.11847 (92092408) 62055.01841 (92092408)
60408.44587	(92092408) 57832.69175 (92092408)
3603284.8	34126.82783 (91021909) 33809.76102 (92092408) 35160.36082 (92092408)
35788.76576	(92092408) 35898.15283 (90011110)
3603134.8	64172.09331 (92092408) 61594.03286 (92092408) 56285.90259 (92092408)
51634.80578	(92092408) 48426.01265 (92092408)
3602984.8	53213.45861 (90110504) 59195.54077 (91030303) 63971.02018 (90110504)
70946.26955	(90010410) 72320.24412 (90010410)
3602834.8	29806.70041 (92013009) 29830.97593 (92122207) 32033.42542 (92122207)
34965.87656	(90020607) 43345.99563 (90020607)
3602684.8	33906.42177 (92092408) 28921.73623 (92092408) 24335.08379 (90020607)
27732.38139	(90020607) 37459.78315 (91110302)
3602534.8	33659.72415 (90120404) 24756.51850 (92013009) 21212.61772 (91031608)
24257.67284	(90012806) 36245.06317 (91121305)
3602384.8	22702.92668 (90032105) 22039.51095 (90120106) 20075.78752 (90120404)
22922.09665	(91110302) 34414.91407 (90110405)
3602234.8	19350.01754 (91013007) 18056.81652 (90032105) 17811.32185 (92110709)
21999.14522	(91121305) 28610.09199 (90012504)
3602084.8	17019.76516 (92011305) 15952.47710 (92011404) 16905.14733 (92011308)
19970.91885	(91121207) 23532.68915 (90110406)
3601934.8	15298.68157 (90010407) 14692.41831 (91013007) 15135.65776 (91121305)
17768.52654	(90110405) 19410.86904 (90120306)
3601784.8	13935.83598 (90010407) 13559.56218 (92011305) 14168.02476 (90010603)
15496.09712	(92092803) 16224.79582 (90090503)
3601634.8	12860.79521 (92012307) 12583.94216 (92012205) 12881.38214 (92110108)
13472.44612	(90012504) 14140.04194 (90100905)

3601484.8	|	11971.58129 (92012307)	11732.97277 (90010407)	11695.94263 (90120604)
12073.08805		(90110406)	12462.78006 (90031506)	
3601334.8	|	11137.10380 (90102406)	10929.00561 (90010407)	10732.44634 (92012205)
10893.64509		(92112604)	11059.23255 (90031506)	
3601184.8	|	10421.36670 (90101004)	10335.53003 (92012307)	10139.35008 (90010407)
9868.27073		(90120306)	9850.47905 (90012605)	
3601034.8	|	9756.45512 (90101004)	9745.46720 (92012307)	9565.99946 (90010407)
9371.28270		(92011305)	9114.54241 (91013007)	
3600884.8	|	9197.34174 (90070507)	9175.32413 (90102406)	9049.39424 (92012307)
8914.68666		(92012205)	8694.64204 (90010907)	
3600734.8	|	8688.67210 (92100803)	8671.00515 (90101004)	8631.80707 (92012307)
8491.40143		(90010407)	8326.51652 (92011305)	
3600584.8	|	8223.64218 (92100803)	8190.11712 (90101004)	8191.91697 (92012307)
8036.38234		(90010407)	7965.10437 (92012205)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 128

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 501904.52

3603584.8 | 33750.48375 (92092408)
3603434.8 | 56050.09282 (92092408)
3603284.8 | 41515.20275 (90012710)
3603134.8 | 65544.95344 (90012710)
3602984.8 | 97913.28014 (90012710)
3602834.8 | 81979.10516 (90020606)
3602684.8 | 84436.34539 (90020606)
3602534.8 | 99214.92515 (90110403)
3602384.8 | 50477.02143 (90110403)
3602234.8 | 33685.22793 (91012203)
3602084.8 | 25306.00330 (91012203)
3601934.8 | 20240.55951 (91012203)
3601784.8 | 16850.25926 (91012203)
3601634.8 | 14430.47788 (91012203)
3601484.8 | 12615.85272 (91012203)
3601334.8 | 11197.99117 (91012203)
3601184.8 | 10064.24250 (91012203)
3601034.8 | 9137.30290 (91012203)
3600884.8 | 8458.23115 (92011404)
3600734.8 | 8130.98576 (91013007)
3600584.8 | 7789.31202 (90010907)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 129

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
499353.40	498903.40	499503.40	499203.40

3606568.1	9569.92243 (91012204)	10785.81162 (90121806)	13085.85870 (90121005)
14020.67320	(90022508) 13678.57954 (92111309)		
3606418.1	9419.53943 (92022604)	10897.53709 (91012204)	13089.80682 (90022003)
16798.07398	(90121005) 16901.39814 (92111309)		
3606268.1	9215.59635 (90010911)	10517.69533 (92022604)	12977.38669 (91012204)
19194.37628	(90022003) 24041.30862 (92111309)		
3606118.1	9128.62166 (90020605)	10142.96079 (90010911)	12194.87988 (92022604)
17052.01638	(91012204) 31479.10208 (90022508)		
3605968.1	9283.98492 (90020605)	9872.17649 (90020605)	11472.60905 (90010911)
15225.00706	(92022604) 28655.38410 (90121005)		
3605818.1	9536.05863 (90010409)	10003.32326 (90020605)	10828.55189 (90121806)
13548.28345	(90010911) 22160.92879 (91012204)		
3605668.1	9988.34125 (90010409)	10348.61566 (90020605)	11010.56875 (90121806)
12212.49777	(90121806) 17348.44068 (90010911)		
3605518.1	10191.88107 (90031406)	10912.36605 (90010409)	11386.61793 (90020605)
12562.47365	(90121806) 14781.80064 (90022003)		
3605368.1	10825.45165 (90012904)	11144.58528 (90031406)	12058.55501 (90010409)
12775.32608	(91012204) 14551.13187 (90121806)		
3605218.1	11013.04271 (90012904)	11851.83558 (90012904)	12319.80908 (90031406)
13530.61786	(90010409) 15045.35728 (90121806)		
3605068.1	11097.58022 (90012310)	11988.84669 (90012310)	13082.70350 (90012904)
13831.67185	(90012904) 15552.39243 (90010409)		
3604918.1	11410.49916 (90012906)	12025.43396 (92020506)	13149.14454 (90012310)
14597.87967	(90012904) 16013.43593 (90012904)		
3604768.1	11729.20876 (90012906)	12417.23383 (90012906)	13182.09936 (92020506)
14536.08757	(90012310) 16542.80298 (90012904)		
3604618.1	12169.53198 (90121805)	12508.24287 (90012906)	13526.79845 (90012906)
14530.10064	(92020506) 16296.33869 (90012310)		

3604468.1	|	12722.55843 (90020406)	13189.01486 (90121805)	13747.31752 (90121805)
14733.71728	(90012906)	16381.22582 (90012906)		
3604318.1	|	13730.50167 (90121706)	13905.43930 (90020406)	14260.35676 (90121805)
15071.38799	(90121805)	16218.85123 (90121805)		
3604168.1	|	15304.83748 (91011102)	15348.27431 (90121706)	15406.50625 (90121706)
15686.94587	(90020406)	16401.71414 (90121805)		
3604018.1	|	17691.79568 (91011102)	17682.32764 (91011102)	17570.92399 (91011102)
17555.03337	(90121706)	17603.48126 (90121706)		
3603868.1	|	21681.45920 (91012307)	21284.71199 (91012307)	20961.18786 (91011102)
20980.33025	(91011102)	20882.35570 (91011102)		
3603718.1	|	27861.98525 (90110307)	27987.47080 (90110307)	27885.13294 (91012307)
27461.32482	(91012307)	27113.71709 (92092408)		
3603568.1	|	40396.73629 (90020703)	40593.11331 (90012807)	41939.42759 (92092408)
44379.08945	(92092408)	46279.00585 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 130

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	499653.40	499803.40	X-COORD (METERS)	499953.40
500103.40	500253.40			

3606568.1	11352.64916 (90022306)	9581.35058 (90022306)	8692.10921 (90012710)
8171.16250	(90102106) 7613.99215 (90122502)		
3606418.1	12641.10698 (92020809)	10516.93138 (90022306)	9336.19644 (90012710)
8685.73262	(90102106) 8009.29194 (90122502)		
3606268.1	14529.87853 (92020809)	11697.17606 (90022306)	10121.39340 (90012710)
9270.64223	(90102106) 8428.04447 (90122502)		
3606118.1	17395.15100 (92020809)	13210.87273 (90022306)	11093.37414 (90012710)
9929.32685	(90102106) 8905.30031 (92122401)		
3605968.1	21871.80983 (92020809)	15159.67790 (90022306)	12315.30968 (90012710)
10752.32758	(90122502) 9425.48471 (92122401)		
3605818.1	29089.34885 (90022306)	17776.38067 (90022306)	13890.94622 (90012710)
11659.50586	(90122502) 9972.22599 (91011312)		
3605668.1	28892.92359 (90121005)	22031.11025 (92020809)	15985.61099 (90012710)
12624.64004	(90122502) 10546.70216 (91011312)		
3605518.1	27391.53268 (90010911)	30614.09234 (92111309)	18897.80121 (90012710)
13632.75726	(90122502) 11185.33605 (91011312)		
3605368.1	18585.94209 (90121005)	28670.55878 (91012204)	23548.09730 (90102106)
14696.70306	(90122502) 12007.63914 (92112405)		
3605218.1	18542.53355 (90022003)	24985.27108 (90011110)	30538.85708 (90102106)
16032.07674	(90122502) 13055.58456 (92112405)		
3605068.1	18555.45915 (90121806)	26631.53130 (90121005)	30013.14805 (90022306)
17845.75878	(90122502) 14163.25863 (91011803)		
3604918.1	18744.36849 (90010409)	27395.64088 (90022003)	35199.66061 (90022306)
20173.77365	(90122502) 15339.77607 (91011803)		
3604768.1	19227.09575 (90012904)	26357.31924 (90121806)	44694.41417 (92111309)
23055.51124	(90122502) 16678.26187 (90112403)		
3604618.1	19274.41823 (90012904)	24618.55301 (90012904)	44850.70272 (90121005)
28126.63491	(92092408) 19250.93022 (92092408)		

3604468.1	|	18719.12676 (90012310)	23769.00269 (90012904)	40075.28575 (90010911)
34243.96013	(92092408)	21927.91648 (92092408)		
3604318.1	|	18670.92775 (90012906)	22560.34372 (92020506)	33400.16837 (90012904)
41987.97387	(90102106)	25547.87458 (92092408)		
3604168.1	|	18087.00065 (90121805)	21483.39874 (90012906)	29671.26180 (92020506)
50945.88669	(92100803)	31005.77538 (92092408)		
3604018.1	|	18040.93349 (90020406)	19634.05210 (90121805)	25382.65178 (90121805)
47605.53802	(90020606)	38502.79759 (92092408)		
3603868.1	|	20769.98301 (90121706)	21800.78697 (92092408)	23615.42988 (92092408)
34410.47747	(90020606)	36912.42619 (92092408)		
3603718.1	|	28447.22591 (92092408)	29559.17872 (92092408)	30654.95752 (92092408)
31917.45346	(92092408)	32454.73920 (92092408)		
3603568.1	|	47676.14462 (92092408)	49544.27925 (92092408)	51631.85529 (92092408)
53032.33839	(92092408)	53142.58052 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 131

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)
500853.40	500703.40
500403.40	500553.40
501003.40	

3606568.1	7072.99681 (91011312)	6739.63823 (92112405)	6469.03337 (91011803)
6214.28629	(91013010)	5976.00142 (90012509)	
3606418.1	7385.82310 (91011312)	7031.72173 (92112405)	6715.54182 (91011803)
6437.90887	(90012509)	6277.98078 (90040908)	
3606268.1	7732.09720 (90122810)	7337.45939 (91011803)	6980.99268 (91013010)
6674.98777	(90012509)	6621.28841 (90040908)	
3606118.1	8164.17039 (92112405)	7691.74926 (91011803)	7279.56734 (91013010)
7032.16840	(90040908)	6953.32526 (90040908)	
3605968.1	8604.70474 (92112405)	8051.04321 (91011803)	7573.41431 (90012509)
7411.96340	(90040908)	7321.02425 (90010510)	
3605818.1	9056.80885 (92112405)	8412.63555 (91011803)	7953.01169 (90040908)
7825.06711	(90010510)	7730.77830 (90010510)	
3605668.1	9535.43333 (92112405)	8852.82713 (91013010)	8423.45177 (90010510)
8313.37878	(90010510)	8110.51393 (90010510)	
3605518.1	10142.61933 (91011803)	9291.53065 (91013010)	9009.74591 (90010510)
8788.25425	(90010510)	8560.99251 (90071406)	
3605368.1	10781.36107 (91011803)	9897.04451 (90010510)	9616.46647 (90010510)
9312.18165	(90071406)	9037.27557 (90112403)	
3605218.1	11463.50873 (91013010)	10703.81114 (90010510)	10266.40434 (90071406)
9896.19799	(90112403)	9568.02824 (90112403)	
3605068.1	12255.44203 (90010510)	11550.41036 (90071406)	10988.35882 (90112403)
10481.42071	(90112403)	10048.97594 (92110607)	
3604918.1	13424.64467 (90071406)	12439.63655 (90112403)	11643.27916 (92110608)
11062.60540	(92110607)	10483.52784 (92110607)	
3604768.1	14540.51624 (90112403)	13229.06829 (92110607)	12353.10119 (92110607)
11572.35016	(92110607)	10883.90128 (91081304)	
3604618.1	15615.54497 (92110607)	14107.60488 (92110607)	12995.06954 (92110607)
12148.02051	(91081304)	11407.75238 (91081304)	

3604468.1	|	17426.24222 (92092408)	15150.09874 (92092408)	13844.84898 (92092408)
13061.70674	(92092408)	12590.99255 (92092408)		
3604318.1	|	20171.68772 (92092408)	17742.39155 (92092408)	16474.85042 (92092408)
15757.09945	(92092408)	15308.09831 (92092408)		
3604168.1	|	24347.02775 (92092408)	21607.21191 (92092408)	20108.05185 (92092408)
19084.33766	(92092408)	18318.20252 (92092408)		
3604018.1	|	29431.36667 (92092408)	25290.89685 (92092408)	22919.04223 (92092408)
21518.75553	(92092408)	20653.61963 (92092408)		
3603868.1	|	27608.42919 (92092408)	25458.85247 (92092408)	24664.72873 (92092408)
24293.16996	(92092408)	24040.66896 (92092408)		
3603718.1	|	32363.36981 (92092408)	32413.45176 (92092408)	32426.17472 (92092408)
32212.57663	(92092408)	31743.13366 (92092408)		
3603568.1	|	52573.83152 (92092408)	51399.51072 (92092408)	49827.69538 (92092408)
48208.81144	(92092408)	46460.76548 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 132

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
501603.40	501153.40	501303.40	501453.40

3606568.1	5963.69547 (90040908)	5948.26224 (90040908)	5882.01421 (90010510)
5852.70334	(90010510) 5738.26591 (90010510)		
3606418.1	6265.18073 (90040908)	6190.50560 (90101009)	6160.91353 (90010510)
6052.63967	(90010510) 5946.42766 (90102210)		
3606268.1	6550.76366 (90040908)	6502.48679 (90010510)	6401.22310 (90010510)
6264.31611	(90102210) 6200.45892 (90071406)		
3606118.1	6885.45621 (90010510)	6790.38240 (90010510)	6622.47075 (90102210)
6550.51793	(90071406) 6429.77922 (90071406)		
3605968.1	7229.26621 (90010510)	7030.59032 (90010510)	6948.26367 (90071406)
6810.96702	(90071406) 6727.32151 (90112403)		
3605818.1	7531.92470 (90010510)	7404.70831 (90071406)	7246.55340 (90071406)
7143.13924	(90112403) 6976.20445 (92110608)		
3605668.1	7935.34596 (90071406)	7748.72539 (90071406)	7619.98564 (90112403)
7417.03917	(92110608) 7244.96879 (92110607)		
3605518.1	8334.11526 (90071406)	8171.37683 (90112403)	7922.66514 (92110608)
7718.97511	(92110607) 7441.42515 (92110607)		
3605368.1	8814.52715 (90112403)	8512.85161 (92110607)	8261.10273 (92110607)
7912.54322	(90102103) 7561.18730 (90102103)		
3605218.1	9220.63227 (92110607)	8887.07211 (92110607)	8468.25718 (90102103)
8119.34750	(91081304) 7926.23630 (91081304)		
3605068.1	9614.60864 (92110607)	9104.44715 (90102103)	8781.88857 (91081304)
8489.97835	(91081304) 8140.97420 (91081304)		
3604918.1	9856.79639 (90102103)	9534.11470 (91081304)	9118.85438 (91081304)
8786.47410	(90020502) 8537.33583 (90020502)		
3604768.1	10391.07383 (91081304)	9879.61821 (90020502)	9538.10601 (90020502)
9350.61053	(90101010) 8850.68584 (91012511)		
3604618.1	10890.31879 (90020502)	10369.89468 (90020502)	10146.00943 (92111309)
10256.60661	(92020809) 9947.22625 (92092408)		

3604468.1	|	12314.13045 (92092408)	12157.84395 (92092408)	12076.97432 (92092408)
12044.14561	(92092408)	12030.93370 (92092408)		
3604318.1	|	14994.00792 (92092408)	14755.54515 (92092408)	14566.21975 (92092408)
14411.84027	(92092408)	14276.04280 (92092408)		
3604168.1	|	17732.17512 (92092408)	17279.41757 (92092408)	16922.97196 (92092408)
16632.86602	(92092408)	16383.99992 (92092408)		
3604018.1	|	20082.87967 (92092408)	19673.60102 (92092408)	19350.70071 (92092408)
19070.91246	(92092408)	18809.96982 (92092408)		
3603868.1	|	23791.64531 (92092408)	23517.28983 (92092408)	23218.03458 (92092408)
22894.82451	(92092408)	22536.34555 (92092408)		
3603718.1	|	31101.29950 (92092408)	30425.23065 (92092408)	29768.22872 (92092408)
29032.42393	(92092408)	28157.51271 (92092408)		
3603568.1	|	44568.42368 (92092408)	42842.07162 (92092408)	40600.13222 (92092408)
38388.03276	(92092408)	36527.28328 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 133

**MODELOPTs: RegDFault CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 501903.40

3606568.1 | 5662.09853 (90102210)
3606418.1 | 5889.93198 (90071406)
3606268.1 | 6093.80302 (90071406)
3606118.1 | 6362.23003 (90112403)
3605968.1 | 6589.38832 (92110608)
3605818.1 | 6827.83051 (92110607)
3605668.1 | 7028.56665 (92110607)
3605518.1 | 7146.69408 (90102103)
3605368.1 | 7418.47559 (91081304)
3605218.1 | 7671.42538 (91081304)
3605068.1 | 7957.35534 (90020502)
3604918.1 | 8270.06969 (90020502)
3604768.1 | 8855.19223 (90012710)
3604618.1 | 9980.90232 (92092408)
3604468.1 | 12032.16886 (92092408)
3604318.1 | 14151.65761 (92092408)
3604168.1 | 16159.09166 (92092408)
3604018.1 | 18553.80205 (92092408)
3603868.1 | 22129.29262 (92092408)
3603718.1 | 27213.29455 (92092408)
3603568.1 | 34928.43541 (92092408)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 134

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	X-COORD (METERS)
502337.15	502187.15
3603585.1	31547.13046
30396.32054	29282.34681
3603435.1	45971.71187
43884.50279	42525.13840
3603285.1	34127.16023
31195.15467	30383.20086
3603135.1	43532.67362
38638.86020	37992.20858
3602985.1	80246.54858
58323.29722	54272.47212
3602835.1	60453.99960
42301.70151	37827.41898
3602685.1	48563.13324
34201.47225	31218.31577
3602535.1	41928.01330
29327.72181	27225.92617
3602385.1	36628.84682
25691.07332	24147.89630
3602235.1	29921.34803
22676.40928	21163.44955
3602085.1	24281.66578
19769.56052	19048.06877
3601935.1	19917.08024
17160.23198	16804.94742
3601785.1	16786.16863
15180.83589	14834.40948
3601635.1	14396.38331
13438.49250	13201.55154

3601485.1	|	12658.43308 (91012203)	12580.73731 (90113001)	12265.47763 (90022005)
12038.17671		(90101004)	11847.51754 (92012205)	
3601335.1	|	11240.46930 (91012203)	10997.95850 (92122107)	11151.56745 (90022005)
10834.48395		(90070507)	10636.36024 (91012207)	
3601185.1	|	10105.34233 (91012203)	9997.29660 (92122107)	10052.03097 (90021008)
9890.67963		(92100803)	9803.02351 (92012307)	
3601035.1	|	9176.47855 (91012203)	9099.72467 (92122107)	9167.57939 (91021003)
9013.58488		(90031508)	8944.65217 (90101004)	
3600885.1	|	8478.90340 (91013007)	8329.37225 (90090803)	8295.16302 (92112204)
8309.26315		(90031508)	8156.19618 (90070507)	
3600735.1	|	8153.79911 (91013007)	7947.69485 (92011404)	7756.98860 (90121007)
7705.72913		(90022005)	7632.28216 (90070507)	
3600585.1	|	7810.41969 (92011305)	7630.84453 (91013007)	7449.85312 (92011404)
7256.91108		(90030707)	7128.86818 (92122606)	

*** 14:14:53

PAGE 135

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
503087.15	502937.15
3603585.1	27002.68166 (92092408)
26549.07994	26215.04139 (92092408)
3603435.1	39546.43107 (92092408)
39056.00212	38697.13236 (92092408)
3603285.1	29176.00619 (92092408)
29359.04751	29731.01375 (92092408)
3603135.1	36627.54862 (92092408)
36199.74515	36004.75377 (92092408)
3602985.1	48558.24683 (92092408)
47723.85625	47531.70375 (92092408)
3602835.1	31228.88193 (90010410)
30177.71407	29777.55446 (90010410)
3602685.1	26479.52912 (90110504)
25455.78836	24867.26430 (90100408)
3602535.1	23238.96868 (92070904)
22491.26230	22340.20654 (92103107)
3602385.1	21057.05012 (90010509)
20434.41263	20030.95769 (92110709)
3602235.1	19113.13886 (90120404)
18463.94279	18070.91295 (92122602)
3602085.1	17226.07268 (90101006)
16911.05799	16503.36332 (90120404)
3601935.1	15548.71718 (90032105)
15310.52519	14976.25944 (90120706)
3601785.1	14199.52047 (91013011)
13806.63444	13695.79590 (90012903)
3601635.1	13052.83340 (90010305)
12782.68884	12521.49271 (90012809)

3601485.1	|	11784.60972 (91020107)	11990.56275 (90010908)	11987.54990 (90120307)
11846.12563		(90102607)	11615.64418 (91013011)	
3601335.1	|	10725.78800 (91013007)	10798.95368 (91100207)	10933.46737 (92012206)
10983.67712		(92011304)	10848.11786 (90102607)	
3601185.1	|	9767.71506 (92011305)	9866.90350 (92011404)	10031.12752 (92122606)
10135.41132		(92012206)	10113.48434 (92011304)	
3601035.1	|	8959.56782 (90010407)	9045.04937 (91013007)	9173.74387 (90010803)
9327.58408		(90010908)	9345.62972 (90111103)	
3600885.1	|	8158.88039 (90110303)	8331.49009 (92011305)	8474.62409 (92011404)
8602.12303		(90030707)	8682.27132 (90010908)	
3600735.1	|	7661.60798 (92012307)	7704.61170 (90010407)	7837.07289 (91013007)
7951.73507		(90010803)	8123.07608 (92122606)	
3600585.1	|	7121.25772 (90101004)	7134.00623 (91012207)	7269.48931 (92011305)
7425.29414		(92011404)	7518.61171 (91100207)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 136

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	503387.15	503537.15	X-COORD (METERS) 503687.15
3603585.1	26025.72009 (92092408)	26009.86738 (92092408)	25989.88514 (92092408)
25983.74931	(92092408) 26353.46716 (92092408)		
3603435.1	38385.28311 (92092408)	39781.54576 (92092408)	44514.95059 (92092408)
48257.05877	(92092408) 49793.82582 (92092408)		
3603285.1	30304.50620 (92092408)	31529.66955 (92092408)	32440.85013 (92092408)
32719.22272	(92092408) 33002.21921 (92092408)		
3603135.1	36129.60619 (92092408)	40074.94160 (90102106)	34377.80496 (92092408)
33795.94378	(92092408) 33144.51550 (92092408)		
3602985.1	49092.03852 (92092408)	63419.11216 (90102106)	56987.65932 (92092408)
46563.71151	(92092408) 41303.92534 (92092408)		
3602835.1	36688.57550 (90012806)	63871.34349 (90121007)	47240.71019 (90010410)
37596.10654	(90010410) 32547.63445 (91021909)		
3602685.1	34750.64015 (92103107)	61512.92439 (90020606)	42613.11836 (90091205)
33777.02657	(90010410) 29659.93525 (90010410)		
3602535.1	32671.24797 (92011308)	71375.97234 (90020606)	30932.19137 (92011304)
26514.38613	(91110506) 24725.89002 (90110504)		
3602385.1	26562.87594 (90110405)	33264.91950 (90110403)	25285.65779 (92012205)
19220.52375	(91021906) 18165.67458 (92070904)		
3602235.1	19955.85936 (92092803)	22152.09387 (90110403)	19126.38879 (92100803)
16079.96314	(90010803) 15453.48850 (92070904)		
3602085.1	15987.74284 (91111303)	16813.91664 (91012203)	15461.02178 (90022005)
14845.68860	(90010509) 14421.97968 (90021108)		
3601935.1	14791.06792 (90031605)	14488.78384 (90120404)	14086.25204 (91111303)
13786.11370	(92122602) 13497.89420 (92122602)		
3601785.1	13538.32259 (90101006)	13347.09793 (90120106)	13152.02715 (90031605)
12911.83315	(90120404) 12613.00132 (91111303)		
3601635.1	12355.71838 (90032105)	12311.48523 (90122610)	12120.56826 (90102209)
12060.19633	(90120106) 11862.23420 (90031605)		

3601485.1	|	11436.83363 (92012303)	11369.79879 (90032105)	11297.27509 (90122610)
11181.02952		(90101006)	11032.08604 (90120706)	
3601335.1	|	10669.01816 (92011303)	10538.21140 (92012303)	10465.16374 (90032105)
10397.62230		(90012903)	10341.76921 (90122610)	
3601185.1	|	10005.39909 (90102607)	9869.74212 (92011303)	9757.48994 (92012303)
9655.14652		(90032105)	9616.77539 (90012903)	
3601035.1	|	9392.44959 (91021906)	9284.01556 (90102607)	9186.03453 (92011303)
9083.96903		(90010405)	9020.63828 (90012809)	
3600885.1	|	8751.25480 (90120307)	8767.89463 (91021906)	8659.06819 (90102607)
8594.69366		(90123106)	8518.17658 (90010405)	
3600735.1	|	8192.77283 (92012206)	8225.92488 (90120307)	8205.35413 (91021906)
8111.50234		(90102607)	8079.82713 (90123106)	
3600585.1	|	7659.15888 (90010908)	7742.06328 (92012206)	7741.74016 (92011304)
7739.10211		(90010305)	7626.60481 (90102607)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 137

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
504587.15	504137.15	504287.15	504437.15

3603585.1	26941.48638 (92092408)	27537.46682 (92092408)	28152.75092 (92092408)
29035.02534	(92092408) 29592.54193 (92092408)		
3603435.1	50158.63781 (92092408)	50058.67856 (92092408)	49127.91485 (92092408)
48201.59636	(92092408) 48831.46964 (92092408)		
3603285.1	33325.78684 (92092408)	33347.99873 (92092408)	33191.25624 (92092408)
32941.75141	(92092408) 32318.05037 (92092408)		
3603135.1	32090.92590 (92092408)	30828.04926 (92092408)	29486.36044 (92092408)
28060.57015	(92092408) 26472.47154 (92092408)		
3602985.1	37957.11454 (92092408)	35483.34197 (92092408)	39306.25922 (92092408)
37049.55458	(92092408) 32208.73901 (92092408)		
3602835.1	29552.33166 (91021909)	27456.95234 (91021909)	25933.77987 (91021909)
24910.32041	(91021909) 24707.27719 (91021909)		
3602685.1	27016.88244 (90010410)	25025.78363 (90010410)	23439.60085 (90010410)
22189.26581	(90010410) 21292.48425 (90010410)		
3602535.1	23313.36003 (90110504)	22087.41209 (90110504)	20990.98884 (90110504)
20118.71240	(90100408) 19509.49797 (90091205)		
3602385.1	18262.65550 (92070904)	18264.34642 (91110506)	18109.94190 (91110506)
17850.53590	(91110506) 17595.19892 (90110504)		
3602235.1	15382.24006 (92070904)	15421.12993 (92070904)	15464.96373 (92070904)
15463.38173	(92070904) 15429.84903 (92070904)		
3602085.1	14074.92784 (90021108)	13885.97453 (92013009)	13767.19864 (92013009)
13718.75950	(92013009) 13875.65776 (92070904)		
3601935.1	13067.18002 (90010509)	12974.26836 (90010509)	12817.85539 (90010509)
12774.97440	(90021108) 13526.41957 (91030303)		
3601785.1	12296.25962 (92122602)	12226.15223 (92122602)	11993.38653 (92122602)
13221.24613	(92100506) 15702.68213 (92122207)		
3601635.1	11698.78570 (90120404)	11493.51984 (91111303)	12125.31157 (90020607)
14292.48226	(90020607) 17712.41034 (91031608)		

3601485.1	|	11017.07004 (90120106)	10853.10018 (90031605)	12159.27829 (90012806)
14065.97976		(90012806)	17207.77584 (90022203)	
3601335.1	|	10272.47650 (90101006)	10203.34965 (90011809)	11548.75665 (90022203)
13073.93936		(90092306)	15185.65134 (92012907)	
3601185.1	|	9671.80688 (90122610)	9748.23720 (90022203)	10804.67720 (90092306)
11862.21959		(92012907)	12664.04273 (92102504)	
3601035.1	|	9035.72425 (90032105)	9083.55545 (90092305)	9820.04122 (92103107)
10341.03382		(92102504)	11157.97622 (90091203)	
3600885.1	|	8478.07198 (90012809)	8496.99275 (90032105)	8744.65579 (92102504)
9469.23475		(90091203)	9711.69205 (92110709)	
3600735.1	|	8014.08695 (90010405)	7981.70385 (90012809)	8187.52650 (90091203)
8391.79679		(92110709)	8709.72821 (92011308)	
3600585.1	|	7622.43747 (90123106)	7568.83540 (91013011)	7529.05370 (92012303)
7537.81130		(92042704)	7995.89413 (91121305)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 138

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 504887.15

3603585.1 | 32184.27219 (92092408)
3603435.1 | 49380.09947 (92092408)
3603285.1 | 29812.78013 (92092408)
3603135.1 | 24790.48849 (92092408)
3602985.1 | 26106.49704 (92092408)
3602835.1 | 27620.07347 (90012904)
3602685.1 | 20929.86586 (90010410)
3602535.1 | 19172.07206 (90091205)
3602385.1 | 17510.20859 (90110504)
3602235.1 | 15564.07679 (91110506)
3602085.1 | 14700.36384 (91011103)
3601935.1 | 15697.31853 (90021006)
3601785.1 | 19560.75524 (92122207)
3601635.1 | 23797.55552 (90012806)
3601485.1 | 20933.58783 (90092306)
3601335.1 | 16369.46935 (92102504)
3601185.1 | 13494.00637 (90110206)
3601035.1 | 11281.13826 (92110709)
3600885.1 | 10016.79259 (92011308)
3600735.1 | 9060.74025 (91121305)
3600585.1 | 8056.83786 (90010603)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 139

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)		X-COORD (METERS)
502335.74	501885.74 502485.74	502035.74 502185.74

3606565.9	5667.73697 (90102210)	5620.69151 (90071406)
6232.74020	(91012204) 6709.04748 (90121806)	5713.31332 (92102408)
3606415.9	5899.01393 (90071406)	5813.60147 (90071406)
6255.91880	(91012204) 6844.51895 (91012204)	5762.08266 (90112403)
3606265.9	6113.57626 (90071406)	6049.47103 (90112403)
6180.66660	(92022604) 6942.45279 (91012204)	5967.82255 (90112403)
3606115.9	6374.32684 (90112403)	6265.58710 (90112403)
6075.15585	(92110607) 6807.92625 (92022604)	6143.81781 (92110607)
3605965.9	6607.47400 (92110608)	6472.89751 (92110607)
6197.72373	(92110607) 6636.58406 (90010911)	6362.60834 (92110607)
3605815.9	6845.96221 (92110607)	6689.52434 (92110607)
6286.02181	(90102103) 6475.46614 (90020605)	6480.16097 (90102103)
3605665.9	7060.01196 (92110607)	6810.16924 (90102103)
6518.88855	(91081304) 6445.05645 (91081304)	6560.01973 (91081304)
3605515.9	7183.58326 (90102103)	6975.51683 (91081304)
6732.85060	(91081304) 6576.76837 (91081304)	6874.07698 (91081304)
3605365.9	7440.38986 (91081304)	7269.94311 (91081304)
6902.84191	(90020502) 6837.62225 (90020502)	7058.78916 (91081304)
3605215.9	7706.36789 (91081304)	7442.63585 (90020502)
7195.59965	(90020502) 7066.04472 (90020502)	7326.61759 (90020502)
3605065.9	7983.45694 (90020502)	7796.09672 (90020502)
7522.49854	(91011312) 7319.98618 (92112405)	7689.20989 (90122502)
3604915.9	8305.46626 (90020502)	8252.70382 (90102106)
7899.37039	(91011312) 7938.57008 (92112405)	8121.84557 (90122502)
3604765.9	8678.71390 (91021410)	8941.95869 (91102808)
8559.90022	(92092408) 8694.39097 (92092408)	8751.77909 (90102208)
3604615.9	10002.11977 (92092408)	10062.24199 (92092408)
10245.08579	(92092408) 10359.71349 (92092408)	10144.95156 (92092408)

3604465.9	|	12062.29383 (92092408)	12070.92980 (92092408)	12085.58627 (92092408)
12104.38779	(92092408)	12127.23116 (92092408)		
3604315.9	|	14195.00158 (92092408)	14078.99144 (92092408)	13972.55870 (92092408)
13875.44721	(92092408)	13788.40091 (92092408)		
3604165.9	|	16213.93798 (92092408)	16007.08595 (92092408)	15817.99114 (92092408)
15644.86374	(92092408)	15487.32543 (92092408)		
3604015.9	|	18625.01183 (92092408)	18370.80591 (92092408)	18119.29736 (92092408)
17874.29096	(92092408)	17642.97353 (92092408)		
3603865.9	|	22241.86823 (92092408)	21798.14890 (92092408)	21349.39303 (92092408)
20928.36143	(92092408)	20553.58736 (92092408)		
3603715.9	|	27409.64215 (92092408)	26496.95429 (92092408)	25716.05784 (92092408)
25067.33132	(92092408)	24478.91256 (92092408)		
3603565.9	|	35265.35797 (92092408)	33926.60651 (92092408)	32743.87441 (92092408)
31416.77866	(92092408)	30195.06210 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 140

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
503085.74	502635.74	502785.74	502935.74
3606565.9	7117.15412 (90121806)	7364.89200 (90022003)	8121.93760 (90022003)
8959.47957	(92020809) 13267.95096 (90022306)		
3606415.9	7515.69643 (90121806)	7868.68420 (90121806)	8780.89790 (90022003)
9992.56684	(92111309) 15913.48122 (90012710)		
3606265.9	7628.53757 (90121806)	8534.07353 (90121806)	9287.78150 (90022003)
11400.75354	(90022003) 15612.82897 (90122502)		
3606115.9	7836.50293 (91012204)	8921.14850 (90121806)	9998.56836 (90121806)
13026.08946	(90022003) 14214.99038 (91013010)		
3605965.9	7642.90878 (92102408)	9079.25550 (91012204)	10879.05120 (90121806)
14144.25337	(90022003) 14428.84584 (91013010)		
3605815.9	7367.04842 (90010911)	8853.39192 (92102408)	11030.38843 (91012204)
15285.35511	(90121806) 13619.36755 (92092408)		
3605665.9	7061.87019 (90020605)	8372.00078 (90010911)	10836.59539 (91012204)
15910.46101	(90121806) 15254.70193 (92092408)		
3605515.9	6659.16303 (90020605)	7815.06204 (90020605)	9888.46877 (90010911)
14849.79097	(91012204) 16362.71327 (90022306)		
3605365.9	6779.21887 (90020502)	7137.25096 (90020605)	8834.57098 (90020605)
12575.23483	(90010911) 19228.27747 (90121806)		
3605215.9	6957.98645 (90020502)	6935.93878 (91021410)	7670.61422 (90020605)
10319.48581	(90020605) 18822.49917 (91012204)		
3605065.9	7334.39816 (91011803)	7260.28042 (91013010)	7230.50466 (91021410)
8237.38685	(90020605) 12792.99455 (90010409)		
3604915.9	7769.01992 (91011803)	7737.22356 (92092408)	8038.15413 (92092408)
8498.76336	(92092408) 9349.04147 (92092408)		
3604765.9	8862.60415 (92092408)	9069.84738 (92092408)	9330.76702 (92092408)
9681.30116	(92092408) 10217.76022 (92092408)		
3604615.9	10488.50033 (92092408)	10634.57272 (92092408)	10806.60436 (92092408)
11023.52130	(92092408) 11326.84829 (92092408)		

3604465.9	|	12155.71845 (92092408)	12193.42754 (92092408)	12246.68514 (92092408)
12326.18985	(92092408)	12450.51671 (92092408)		
3604315.9	|	13713.04960 (92092408)	13651.97100 (92092408)	13609.06057 (92092408)
13589.83194	(92092408)	13601.98602 (92092408)		
3604165.9	|	15346.40192 (92092408)	15224.55319 (92092408)	15124.66777 (92092408)
15049.06019	(92092408)	14999.19343 (92092408)		
3604015.9	|	17432.85192 (92092408)	17248.94275 (92092408)	17091.52838 (92092408)
16958.39949	(92092408)	16847.17224 (92092408)		
3603865.9	|	20223.86113 (92092408)	19928.62619 (92092408)	19661.55419 (92092408)
19423.29780	(92092408)	19216.84990 (92092408)		
3603715.9	|	23915.71928 (92092408)	23394.30042 (92092408)	22937.77544 (92092408)
22557.41651	(92092408)	22255.13741 (92092408)		
3603565.9	|	29202.75015 (92092408)	28430.96273 (92092408)	27834.06592 (92092408)
27372.75377	(92092408)	27035.66271 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 141

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
503835.74	503385.74	503535.74	503685.74

3606565.9	14600.89473 (90040908)	9164.16313 (92092408)	7299.94882 (92092408)
6447.95570	(91081304) 5961.20955 (91081304)		
3606415.9	12497.76709 (92092408)	8715.05216 (92092408)	7177.55501 (92092408)
6370.22973	(91081304) 5946.74221 (91081304)		
3606265.9	11107.90550 (92092408)	8317.41993 (92092408)	7013.64688 (92092408)
6350.08813	(90020502) 6022.99585 (90020502)		
3606115.9	10042.93455 (92092408)	7940.41219 (92092408)	6930.93098 (90020502)
6480.16005	(90020502) 6160.92298 (90020502)		
3605965.9	9748.97742 (92092408)	7879.39462 (92092408)	7053.58957 (90020502)
6618.17019	(90020502) 6308.08999 (90020502)		
3605815.9	9746.51800 (92092408)	7938.63950 (92092408)	7207.05203 (90020502)
6782.47008	(90020502) 6478.03735 (90020502)		
3605665.9	9977.21594 (92092408)	8171.28642 (92092408)	7412.58254 (90020502)
6985.96413	(90020502) 6684.64503 (90020502)		
3605515.9	10694.94462 (92092408)	8671.17168 (92092408)	7694.86862 (91021410)
7261.33235	(91021410) 6953.54135 (91021410)		
3605365.9	12066.36367 (92092408)	9535.27283 (92092408)	8382.80721 (92092408)
7716.85365	(92092408) 7286.53684 (91021410)		
3605215.9	14686.25770 (92092408)	10930.64241 (92092408)	9492.86048 (92092408)
8729.76835	(92092408) 8262.20781 (92092408)		
3605065.9	17730.98874 (90121806)	13273.26060 (92092408)	11162.81646 (92092408)
10173.37913	(92092408) 9603.42702 (92092408)		
3604915.9	16918.52975 (90010409)	17699.74691 (92092408)	13701.35144 (92092408)
12150.59984	(92092408) 11319.49501 (92092408)		
3604765.9	11280.00288 (92092408)	16397.16228 (90020605)	18073.72976 (92092408)
14806.87170	(92092408) 13358.35287 (92092408)		
3604615.9	11820.93516 (92092408)	12871.65660 (92092408)	14744.94232 (92122606)
18250.73230	(92092408) 15615.15878 (92092408)		

3604465.9	|	12654.43740 (92092408)	13010.33230 (92092408)	13699.50645 (92092408)
13971.98979	(92092408)	20616.02042 (92092408)		
3604315.9	|	13656.83373 (92092408)	13773.44517 (92092408)	13996.52564 (92092408)
14477.33777	(92092408)	15910.01820 (92092408)		
3604165.9	|	14976.50871 (92092408)	14984.89640 (92092408)	15037.17471 (92092408)
15171.47904	(92092408)	15497.97711 (92092408)		
3604015.9	|	16755.58337 (92092408)	16681.57863 (92092408)	16625.51981 (92092408)
16597.01664	(92092408)	16627.67725 (92092408)		
3603865.9	|	19041.91186 (92092408)	18890.26082 (92092408)	18747.07740 (92092408)
18603.56532	(92092408)	18470.39642 (92092408)		
3603715.9	|	22027.61468 (92092408)	21854.72895 (92092408)	21682.44246 (92092408)
21473.08392	(92092408)	21269.51750 (92092408)		
3603565.9	|	26860.11609 (92092408)	26901.55903 (92092408)	26942.83423 (92092408)
27081.62685	(92092408)	27673.51612 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 142

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)		X-COORD (METERS)
504585.74	504135.74 504735.74	504285.74 504435.74

3606565.9	5619.49698 (91081304)	5361.29032 (91081304)
5025.63548	(90020502) 4915.12286 (90020502)	5158.30814 (90020502)
3606415.9	5644.16447 (90020502)	5447.15783 (90020502)
5157.65988	(90020502) 5046.79268 (90020502)	5288.85460 (90020502)
3606265.9	5777.80457 (90020502)	5584.40183 (90020502)
5295.49339	(90020502) 5184.43447 (90020502)	5426.78025 (90020502)
3606115.9	5919.32396 (90020502)	5728.03720 (90020502)
5442.40865	(90020502) 5332.60843 (90020502)	5572.09374 (90020502)
3605965.9	6071.84270 (90020502)	5884.67654 (90020502)
5605.87074	(90020502) 5497.34608 (90020502)	5732.49491 (90020502)
3605815.9	6247.09962 (90020502)	6065.28582 (90020502)
5792.92754	(90020502) 5681.90069 (90020502)	5917.57276 (90020502)
3605665.9	6458.64681 (90020502)	6281.30416 (90020502)
6006.09957	(90020502) 5892.99941 (91021410)	6135.07173 (90020502)
3605515.9	6720.28015 (91021410)	6541.16941 (90020502)
6259.29171	(91021410) 6145.70949 (91021410)	6386.34880 (90020502)
3605365.9	7041.74061 (90020502)	6848.35481 (91021410)
6548.58570	(91021410) 6423.23437 (92092408)	6690.04619 (91021410)
3605215.9	7953.12019 (92092408)	7738.77927 (92092408)
7470.75063	(92092408) 7383.41134 (92092408)	7584.83606 (92092408)
3605065.9	9235.53849 (92092408)	8977.51365 (92092408)
8625.26967	(92092408) 8491.93226 (92092408)	8782.60896 (92092408)
3604915.9	10789.61111 (92092408)	10402.50760 (92092408)
9841.29500	(92092408) 9623.81065 (92092408)	10095.42230 (92092408)
3604765.9	12448.62105 (92092408)	11833.81662 (92092408)
11015.61593	(92092408) 10706.59199 (92092408)	11379.64798 (92092408)
3604615.9	14250.54392 (92092408)	13375.17702 (92092408)
12230.04310	(92092408) 11807.21203 (92092408)	12736.21471 (92092408)

3604465.9	|	17248.60878 (92092408)	15476.06582 (92092408)	14402.98409 (92092408)
13640.72999	(92092408)	13047.24892 (92092408)		
3604315.9	|	20479.73462 (92092408)	18917.60991 (92092408)	16721.22487 (92092408)
15450.73162	(92092408)	14567.44550 (92092408)		
3604165.9	|	16433.85346 (92092408)	16546.89421 (92092408)	20910.56901 (92092408)
18058.39996	(92092408)	16520.69228 (92092408)		
3604015.9	|	16802.58375 (92092408)	17406.05188 (92092408)	17420.89583 (92092408)
22405.49032	(92092408)	19078.38784 (92092408)		
3603865.9	|	18387.68086 (92092408)	18459.05105 (92092408)	19003.61330 (92092408)
20724.93905	(90022003)	23052.21745 (92092408)		
3603715.9	|	21185.91594 (92092408)	21303.95834 (92092408)	21711.56877 (92092408)
22890.23617	(92092408)	22791.89321 (92092408)		
3603565.9	|	28403.87540 (92092408)	29049.77010 (92092408)	29657.27910 (92092408)
30456.04945	(92092408)	30809.34236 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 143

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 504885.74

3606565.9 | 4820.86563 (90020502)
3606415.9 | 4951.78187 (90020502)
3606265.9 | 5089.08657 (90020502)
3606115.9 | 5237.39291 (90020502)
3605965.9 | 5400.14386 (90020502)
3605815.9 | 5575.97271 (90020502)
3605665.9 | 5799.64028 (91021410)
3605515.9 | 6037.96161 (91021410)
3605365.9 | 6363.90909 (92092408)
3605215.9 | 7314.28476 (92092408)
3605065.9 | 8375.18778 (92092408)
3604915.9 | 9432.01400 (92092408)
3604765.9 | 10434.36075 (92092408)
3604615.9 | 11441.70595 (92092408)
3604465.9 | 12558.70056 (92092408)
3604315.9 | 13888.43230 (92092408)
3604165.9 | 15495.32058 (92092408)
3604015.9 | 17467.31191 (92092408)
3603865.9 | 20282.39222 (92092408)
3603715.9 | 25072.06943 (92092408)
3603565.9 | 33628.43184 (92092408)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 144

**MODELOPTs: RegDEFAULT CONC

ELEV

VALUES FOR SOURCE GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
505313.59	504863.59 505013.59 505463.59
3603584.0	32974.56979 (92092408) 29880.56542 (92092408) 28172.48010 (92092408)
26414.53571	(92092408) 24533.82459 (92092408)
3603434.0	51219.97340 (92092408) 40905.04029 (92092408) 33034.75065 (92092408)
27973.90346	(92092408) 24468.17584 (92092408)
3603284.0	29266.05238 (92092408) 31996.60610 (92092408) 27644.49544 (92092408)
23592.86692	(92092408) 20856.10908 (92092408)
3603134.0	25033.06900 (92092408) 24325.01810 (92092408) 27450.33158 (92092408)
21486.52183	(92092408) 19055.76243 (91022509)
3602984.0	26927.92287 (92092408) 23362.94944 (90101005) 21413.48591 (91022509)
22119.04601	(91022509) 19837.26117 (91022509)
3602834.0	25228.10521 (91021909) 31045.83365 (91021909) 25696.12422 (91021909)
25095.63614	(91021909) 21850.62022 (91021909)
3602684.0	20918.58775 (90010410) 30004.89931 (90012904) 34991.56058 (90022003)
26436.73869	(90010410) 22515.08005 (90010410)
3602534.0	19186.10659 (90091205) 21640.05325 (90121805) 40988.96521 (90012310)
34949.01327	(90010410) 25555.87747 (90010410)
3602384.0	17497.54923 (90110504) 18031.42677 (91012307) 25051.28886 (90121706)
39378.73376	(90010409) 33092.14169 (90110504)
3602234.0	15499.04144 (91110506) 16758.37176 (91013103) 21098.08371 (90012807)
30044.42649	(90012807) 43188.14917 (91012204)
3602084.0	14356.38903 (91011103) 16966.61942 (91011103) 20950.66267 (91011103)
27632.96584	(91030303) 41578.11778 (91030303)
3601934.0	15312.56571 (90021006) 18429.78439 (92100506) 23728.77941 (92122207)
33275.44097	(92122207) 59795.89740 (91031608)
3601784.0	18859.77803 (92122207) 25261.68353 (92122207) 41107.84278 (90020607)
65269.30161	(90022203) 44818.29745 (92092408)
3601634.0	22578.01243 (90012806) 33067.01765 (90022203) 40040.26611 (92103107)
30956.47590	(92110709) 25447.10021 (91121305)

3601484.0	|	20352.37788 (90092306)	23166.37538 (92103107)	22291.31642 (92110709)
20141.25562	(91121305)	18970.99672 (91121207)		
3601334.0	|	16237.20721 (92103107)	16998.57611 (90110206)	16438.34599 (92011308)
15605.99083	(90010603)	15858.33965 (90110405)		
3601184.0	|	13507.21934 (90091203)	13530.75544 (92011308)	13397.10384 (91121305)
13122.32472	(90110405)	13901.05766 (90120604)		
3601034.0	|	11317.25501 (92110709)	11631.04583 (91121305)	11481.71107 (90010603)
11617.13096	(90110405)	12270.89127 (90110406)		
3600884.0	|	9987.11017 (92011308)	10098.69182 (91121305)	10149.03267 (90110405)
10445.15664	(90120604)	11022.17937 (92112604)		
3600734.0	|	9037.35511 (91121305)	9071.00125 (90010603)	9268.98515 (90110405)
9398.36773	(90012504)	9888.67070 (90120306)		
3600584.0	|	8038.50344 (91121305)	8219.23995 (91121207)	8473.27419 (90120604)
8665.65722	(90110406)	8956.07771 (90031506)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 145

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
506063.59	505613.59
	506213.59
	505763.59
	505913.59

3603584.0	22708.76690 (92092408)	21024.70725 (92092408)	19496.51284 (92092408)
18111.40950	(92092408)	16849.94479 (92092408)	
3603434.0	21843.27130 (92092408)	19749.21520 (92092408)	17997.45041 (92092408)
16483.81328	(92092408)	15148.33441 (92092408)	
3603284.0	18716.62004 (92092408)	17170.50775 (90101005)	16103.20550 (90101005)
15191.81533	(90101005)	14395.10128 (90101005)	
3603134.0	17848.35437 (91022509)	16837.38526 (90101005)	15961.32821 (90101005)
15164.76269	(90101005)	14434.03066 (90101005)	
3602984.0	18387.51737 (91022509)	17271.62577 (91022509)	16330.31879 (91022509)
15496.81326	(91022509)	14741.19517 (91022509)	
3602834.0	19824.62576 (91021909)	18335.32927 (91021909)	17142.83055 (91021909)
16133.42662	(91021909)	15250.61076 (91021909)	
3602684.0	20262.72072 (91021909)	18775.71555 (91021909)	17557.27508 (91021909)
16494.21138	(91021909)	16400.89053 (90010510)	
3602534.0	22126.23040 (90010410)	20100.13501 (90010410)	20292.60067 (91011803)
21169.58856	(90040908)	20803.23576 (90112403)	
3602384.0	25374.88722 (90100408)	25177.86662 (90122502)	28129.95990 (90012509)
31254.12887	(90071406)	27695.28546 (91081304)	
3602234.0	36080.55532 (90022306)	38187.67547 (92122401)	59029.96724 (90071406)
58113.23610	(91012511)	40575.23203 (92092408)	
3602084.0	52201.97689 (90011110)	67637.16508 (91081304)	75396.07574 (92092408)
47911.62461	(91110506)	36622.84036 (90110504)	
3601934.0	74200.38812 (92092408)	57869.01086 (92092408)	36740.10182 (90010509)
31171.44454	(92070904)	27818.98524 (92070904)	
3601784.0	36503.27439 (90010603)	48074.57785 (90030707)	30958.46421 (90123106)
24557.90797	(92013009)	22548.25399 (92013009)	
3601634.0	27148.44156 (90120604)	42416.65415 (92012205)	28665.84462 (92012206)
22302.04902	(90123106)	19540.68656 (92013009)	

3601484.0	|	23497.40614 (90120604)	36856.86339 (92012307)	25794.66161 (90010803)
20789.93694	(90120307)	17694.68382 (90123106)		
3601334.0	|	20346.99158 (90110406)	29399.41977 (90031508)	23097.10949 (92011404)
19300.30665	(92122606)	16683.24434 (92011304)		
3601184.0	|	16713.16540 (90120306)	19600.79318 (91021003)	19965.83547 (92012205)
17701.16834	(90010803)	15666.48826 (90010908)		
3601034.0	|	13846.92078 (90031506)	15240.54080 (90121007)	16363.78299 (92012307)
15925.24354	(91013007)	14653.49636 (90030707)		
3600884.0	|	11832.24382 (90012605)	12715.47896 (90121007)	13607.76821 (90101004)
14018.16632	(92011305)	13438.50849 (92011404)		
3600734.0	|	10436.51990 (92122605)	11021.02954 (90121007)	11669.12867 (90070507)
12273.89983	(90010407)	12221.85781 (91013007)		
3600584.0	|	9350.25729 (92122605)	9784.01309 (90121007)	10275.14990 (92100803)
10841.29159	(92012307)	11031.26173 (92011305)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 146

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)
506813.59	506663.59
3603584.0	13645.27895
12735.98147	13645.27895
3603434.0	11914.52703
11433.60294	11914.52703
3603284.0	12468.60735
11940.37147	12468.60735
3603134.0	12568.59078
12039.20895	12568.59078
3602984.0	12827.36608
12284.92926	12827.36608
3602834.0	13122.78958
12538.14054	13122.78958
3602684.0	13351.19965
12772.78800	13351.19965
3602534.0	13271.90657
12601.45811	13271.90657
3602384.0	15873.32345
15058.71532	15873.32345
3602234.0	20284.61030
17025.43364	20284.61030
3602084.0	19684.83918
17599.67056	19684.83918
3601934.0	21127.10527
19164.25932	21127.10527
3601784.0	19205.03769
18120.43709	19205.03769
3601634.0	16960.14999
16363.71206	16960.14999

3601484.0	|	16199.83206 (90010509)	15563.16607 (90021108)	15094.50130 (90021108)
14719.37099	(90021108)	14377.62839 (92013009)		
3601334.0	|	14809.31050 (90123106)	13619.42717 (90010509)	13391.45845 (90010509)
13174.45975	(90010509)	12970.71149 (90010509)		
3601184.0	|	14086.39646 (92011304)	12809.13788 (90123106)	11768.92704 (92012303)
11592.29096	(92122602)	11519.99720 (92122602)		
3601034.0	|	13375.01298 (92012206)	12242.57820 (91021906)	11326.23938 (90123106)
10513.49078	(92012303)	10202.74241 (90122610)		
3600884.0	|	12605.63397 (92122606)	11665.10717 (92012206)	10850.94440 (91021906)
10147.28128	(90123106)	9508.53224 (92012303)		
3600734.0	|	11695.91009 (90010803)	11057.77482 (90010908)	10347.75499 (90120307)
9728.19771	(90010305)	9178.79849 (90123106)		
3600584.0	|	10837.76881 (92011404)	10390.43292 (90030707)	9829.09816 (92012206)
9308.53020	(90120307)	8811.45483 (90010305)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 147

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
507563.59	507113.59	507263.59	507413.59

3603584.0	11119.78872 (92092408)	10403.72787 (92092408)	9743.64808 (92092408)
9135.86390	(92092408) 8856.57043 (91012507)		
3603434.0	10586.73183 (92010408)	10210.54173 (92010408)	9860.62856 (92010408)
9533.93509	(92010408) 9227.90733 (92010408)		
3603284.0	11010.71175 (90101005)	10598.92060 (90101005)	10216.93920 (90101005)
9861.40758	(90101005) 9529.47113 (90101005)		
3603134.0	11097.45996 (90101005)	10677.39227 (90101005)	10286.69453 (90101005)
9922.42216	(90101005) 9582.02116 (90101005)		
3602984.0	11318.35646 (91022509)	10885.95057 (91022509)	10482.96342 (91022509)
10106.49625	(91022509) 9754.05184 (91022509)		
3602834.0	11503.58537 (91021909)	11041.75382 (91021909)	10610.94311 (91021909)
10207.96109	(91021909) 9843.64255 (91022509)		
3602684.0	11772.38574 (91021909)	11333.77087 (91021909)	10927.72304 (91021909)
10549.57651	(91021909) 10195.51468 (91021909)		
3602534.0	11574.46579 (91021909)	11202.19124 (91021909)	10858.32645 (91021909)
10536.50829	(91021909) 10232.75118 (91021909)		
3602384.0	12832.68743 (92092408)	11725.41630 (92092408)	11221.48248 (90010410)
10800.35821	(90010410) 10401.75857 (90010410)		
3602234.0	13226.06437 (90010410)	12637.22641 (90010410)	12106.76974 (90010410)
11621.20691	(90010410) 11174.05401 (90010410)		
3602084.0	14912.74949 (90091205)	13969.24912 (90091205)	13178.10491 (90091205)
12495.70935	(90091205) 11897.47206 (90091205)		
3601934.0	16260.99784 (90110504)	15108.77372 (90110504)	14110.24770 (90110504)
13294.95604	(90100408) 12595.78801 (90100408)		
3601784.0	16121.39440 (91110506)	15283.90816 (91110506)	14460.06313 (91110506)
13673.90784	(91110506) 12993.95398 (90110504)		
3601634.0	15233.53222 (92070904)	14593.22707 (92070904)	13886.48198 (92070904)
13149.92566	(92070904) 12700.28648 (91110506)		

3601484.0	|	14010.60714 (92013009)	13555.82703 (92013009)	13085.81009 (92070904)
12737.88731		(92070904)	12329.84685 (92070904)	
3601334.0	|	12755.85457 (90010509)	12527.16088 (90021108)	12257.52756 (92013009)
11968.91189		(92013009)	11610.24900 (92013009)	
3601184.0	|	11448.32797 (90010509)	11383.80853 (90010509)	11272.96412 (90010509)
11105.78141		(90010509)	10916.43522 (90021108)	
3601034.0	|	10230.26902 (92122602)	10242.11451 (92122602)	10206.88748 (92122602)
10125.74913		(90010509)	10087.52611 (90010509)	
3600884.0	|	9238.03277 (90122610)	9172.60708 (90120106)	9210.89009 (92122602)
9252.93188		(92122602)	9245.45039 (92122602)	
3600734.0	|	8660.41377 (92012303)	8428.22681 (90032105)	8333.17053 (90101006)
8360.55921		(90120106)	8413.69536 (92122602)	
3600584.0	|	8370.58416 (90123106)	7945.00381 (91013011)	7759.48646 (90032105)
7676.23879		(90122610)	7671.54191 (90120106)	

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 148

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 507863.59

3603584.0 | 8591.85928 (91012507)
3603434.0 | 8940.39129 (92010408)
3603284.0 | 9218.69616 (90101005)
3603134.0 | 9263.29154 (90101005)
3602984.0 | 9423.46440 (91022509)
3602834.0 | 9532.09918 (91022509)
3602684.0 | 9862.43438 (91021909)
3602534.0 | 9944.12075 (91021909)
3602384.0 | 10023.43659 (90010410)
3602234.0 | 10758.83573 (90010410)
3602084.0 | 11394.19503 (90010410)
3601934.0 | 11972.26922 (90100408)
3601784.0 | 12395.35556 (90110504)
3601634.0 | 12254.90386 (91110506)
3601484.0 | 11876.30588 (92070904)
3601334.0 | 11189.54646 (92013009)
3601184.0 | 10690.62958 (92013009)
3601034.0 | 9991.08698 (90010509)
3600884.0 | 9182.45711 (92122602)
3600734.0 | 8461.97271 (92122602)
3600584.0 | 7694.38535 (90120404)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 149

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)			X-COORD (METERS)
505313.98	504863.98	505013.98	505163.98

3606564.5	4835.02769 (90020502)	4750.17865 (90020502)	4673.94621 (90020502)
4604.75736	(90020502) 4540.51107 (90020502)		
3606414.5	4966.02702 (90020502)	4880.66261 (90020502)	4803.00361 (90020502)
4731.33959	(90020502) 4662.94378 (90020502)		
3606264.5	5103.49087 (90020502)	5018.19131 (90020502)	4938.79685 (90020502)
4862.89973	(90020502) 4787.27145 (90020502)		
3606114.5	5252.01866 (90020502)	5165.24451 (90020502)	5082.24676 (90020502)
4997.76306	(90020502) 4909.72532 (91021410)		
3605964.5	5415.47162 (90020502)	5322.74734 (90020502)	5229.97281 (90020502)
5156.71512	(91021410) 5091.99359 (91021410)		
3605814.5	5593.10290 (90020502)	5504.33480 (91021410)	5426.43118 (91021410)
5349.90013	(91021410) 5272.03721 (91021410)		
3605664.5	5815.03600 (91021410)	5724.63449 (91021410)	5633.66759 (91021410)
5540.77686	(91021410) 5444.19054 (91021410)		
3605514.5	6055.85000 (91021410)	5948.76767 (91021410)	5837.61791 (91021410)
5740.58693	(90120610) 5656.18806 (90120610)		
3605364.5	6379.92156 (92092408)	6333.28762 (92092408)	6298.10608 (92092408)
6271.65193	(92092408) 6251.34191 (92092408)		
3605214.5	7333.52616 (92092408)	7273.84991 (92092408)	7220.68988 (92092408)
7172.14982	(92092408) 7126.53837 (92092408)		
3605064.5	8401.92685 (92092408)	8294.73581 (92092408)	8194.75595 (92092408)
8099.32382	(92092408) 8007.28261 (92092408)		
3604914.5	9468.73262 (92092408)	9292.30851 (92092408)	9129.47173 (92092408)
8975.87064	(92092408) 8829.59031 (92092408)		
3604764.5	10481.81161 (92092408)	10232.19712 (92092408)	10004.17765 (92092408)
9793.06652	(92092408) 9595.78753 (92092408)		
3604614.5	11502.19693 (92092408)	11172.79582 (92092408)	10877.84284 (92092408)
10610.57779	(92092408) 10366.10650 (92092408)		

3604464.5	|	12636.57114 (92092408)	12209.53292 (92092408)	11837.41419 (92092408)
11507.84846	(92092408)	11213.15582 (92092408)		
3604314.5	|	13992.47203 (92092408)	13422.95785 (92092408)	12946.28448 (92092408)
12539.75012	(92092408)	12190.10590 (92092408)		
3604164.5	|	15641.73255 (92092408)	14851.70834 (92092408)	14243.22038 (92092408)
13760.80647	(92092408)	13373.73012 (92092408)		
3604014.5	|	17674.64998 (92092408)	16608.01888 (92092408)	15885.84658 (92092408)
15372.86081	(92092408)	14999.84709 (92092408)		
3603864.5	|	20583.81733 (92092408)	19179.36824 (92092408)	18382.07064 (92092408)
17879.32780	(92092408)	17535.87854 (92092408)		
3603714.5	|	25544.28369 (92092408)	23553.42038 (92092408)	22568.02655 (92092408)
21919.61261	(92092408)	21302.96215 (92092408)		
3603564.5	|	34454.26902 (92092408)	31119.81599 (92092408)	29126.24917 (92092408)
26993.76132	(92092408)	24826.90794 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 150

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)		X-COORD (METERS)
506063.98	505613.98	505763.98
	506213.98	505913.98

3606564.5	4479.03565 (90020502)	4418.02899 (90020502)	4355.32444 (90020502)
4289.19287	(90020502) 4218.72195 (90020502)		
3606414.5	4595.05285 (90020502)	4525.06550 (90020502)	4451.05132 (90020502)
4391.54211	(91021410) 4351.19134 (91021410)		
3606264.5	4708.92895 (90020502)	4635.33977 (91021410)	4588.85248 (91021410)
4540.52139	(91021410) 4489.15642 (91021410)		
3606114.5	4855.01654 (91021410)	4799.68897 (91021410)	4742.10921 (91021410)
4681.03432	(91021410) 4615.79024 (91021410)		
3605964.5	5026.36734 (91021410)	4958.01084 (91021410)	4885.69823 (91021410)
4809.03433	(91021410) 4733.30233 (90120610)		
3605814.5	5190.90812 (91021410)	5105.46349 (91021410)	5025.79515 (90120610)
4967.34439	(90120610) 4905.87784 (90120610)		
3605664.5	5357.87539 (90120610)	5288.27483 (90120610)	5216.11299 (90120610)
5141.16365	(90120610) 5064.06308 (90120610)		
3605514.5	5570.35197 (90120610)	5482.35472 (90120610)	5453.59463 (92092408)
5456.27890	(92092408) 5460.77605 (92092408)		
3605364.5	6235.15374 (92092408)	6221.38637 (92092408)	6208.66754 (92092408)
6195.89429	(92092408) 6182.19415 (92092408)		
3605214.5	7082.31873 (92092408)	7038.46458 (92092408)	6994.11327 (92092408)
6948.65310	(92092408) 6901.68820 (92092408)		
3605064.5	7917.46774 (92092408)	7829.03370 (92092408)	7741.56980 (92092408)
7654.76572	(92092408) 7568.49842 (92092408)		
3604914.5	8689.31057 (92092408)	8554.23795 (92092408)	8423.82802 (92092408)
8297.89313	(92092408) 8176.28464 (92092408)		
3604764.5	9410.16315 (92092408)	9234.88333 (92092408)	9069.09147 (92092408)
8912.30336	(92092408) 8764.30277 (92092408)		
3604614.5	10140.81110 (92092408)	9932.13664 (92092408)	9738.54287 (92092408)
9559.17651	(92092408) 9393.66306 (92092408)		

3604464.5	|	10948.32817 (92092408)	10709.76780 (92092408)	10494.87906 (92092408)
10301.68610	(92092408)	10128.77495 (92092408)		
3604314.5	|	11888.78252 (92092408)	11629.59731 (92092408)	11407.36172 (92092408)
11217.14548	(92092408)	11053.65612 (92092408)		
3604164.5	|	13062.35590 (92092408)	12812.24027 (92092408)	12610.87914 (92092408)
12445.52259	(92092408)	12302.46184 (92092408)		
3604014.5	|	14724.34411 (92092408)	14513.10988 (92092408)	14335.59313 (92092408)
14165.06702	(92092408)	13981.43188 (92092408)		
3603864.5	|	17260.50887 (92092408)	16983.26385 (92092408)	16662.85390 (92092408)
16285.00703	(92092408)	15851.82619 (92092408)		
3603714.5	|	20586.96045 (92092408)	19767.16854 (92092408)	18882.73084 (92092408)
17972.78767	(92092408)	17064.03589 (92092408)		
3603564.5	|	22818.75876 (92092408)	21021.81594 (92092408)	19422.97919 (92092408)
17992.14252	(92092408)	16700.12547 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 151

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM_10 IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)	
506813.98	506363.98	506513.98
	506963.98	506663.98

3606564.5	4172.64677 (91021410)	4137.00656 (91021410)
4056.20318	(91021410) 4010.32036 (91021410)	4098.38463 (91021410)
3606414.5	4308.26071 (91021410)	4261.89744 (91021410)
4157.70716	(91021410) 4100.99132 (91021410)	4211.66114 (91021410)
3606264.5	4433.95718 (91021410)	4374.70449 (91021410)
4247.53847	(91021410) 4202.26770 (90120610)	4312.00707 (91021410)
3606114.5	4546.53485 (91021410)	4474.57102 (91021410)
4384.77799	(90120610) 4336.71194 (90120610)	4430.29524 (90120610)
3605964.5	4683.63684 (90120610)	4630.86792 (90120610)
4517.98124	(90120610) 4481.47934 (90020502)	4575.30750 (90120610)
3605814.5	4841.49760 (90120610)	4775.10259 (90120610)
4665.69017	(90020502) 4601.38997 (91012511)	4712.73065 (90020502)
3605664.5	4986.61077 (90120610)	4927.76834 (90020502)
4853.94792	(92092408) 4868.84913 (92092408)	4849.83857 (90020502)
3605514.5	5466.00601 (92092408)	5471.05446 (92092408)
5477.71848	(92092408) 5478.24896 (92092408)	5475.16257 (92092408)
3605364.5	6166.89814 (92092408)	6149.51965 (92092408)
6107.37034	(92092408) 6082.37550 (92092408)	6129.73586 (92092408)
3605214.5	6853.00753 (92092408)	6802.55767 (92092408)
6696.77696	(92092408) 6641.90854 (92092408)	6750.41799 (92092408)
3605064.5	7482.80065 (92092408)	7397.82967 (92092408)
7231.14397	(92092408) 7150.10152 (92092408)	7313.83796 (92092408)
3604914.5	8059.00114 (92092408)	7946.15560 (92092408)
7734.54804	(92092408) 7636.18997 (92092408)	7837.93373 (92092408)
3604764.5	8624.91661 (92092408)	8494.06565 (92092408)
8257.70074	(92092408) 8151.84297 (92092408)	8371.69658 (92092408)
3604614.5	9241.64227 (92092408)	9102.60441 (92092408)
8860.57905	(92092408) 8755.48140 (92092408)	8975.88696 (92092408)

3604464.5	|	9975.03582 (92092408)	9838.57685 (92092408)	9716.96674 (92092408)
9607.37978 (92092408)		9506.77047 (92092408)		
3604314.5	|	10912.05064 (92092408)	10787.03893 (92092408)	10672.66494 (92092408)
10563.35627 (92092408)		10454.29575 (92092408)		
3604164.5	|	12168.57460 (92092408)	12034.89395 (92092408)	11893.66658 (92092408)
11739.62393 (92092408)		11569.70892 (92092408)		
3604014.5	|	13770.76472 (92092408)	13529.25178 (92092408)	13257.08074 (92092408)
12956.53884 (92092408)		12631.20451 (92092408)		
3603864.5	|	15371.41187 (92092408)	14855.72428 (92092408)	14317.08544 (92092408)
13764.98367 (92092408)		13206.93088 (92092408)		
3603714.5	|	16171.39908 (92092408)	15303.53049 (92092408)	14467.18450 (92092408)
13665.65811 (92092408)		12900.73372 (92092408)		
3603564.5	|	15523.69975 (92092408)	14444.83652 (92092408)	13452.96566 (92092408)
12539.32210 (92092408)		11698.11416 (92092408)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 152

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD (METERS)	507113.98		507263.98		X-COORD (METERS)
	507713.98				507413.98
3606564.5	3961.19085	(91021410)	3910.01765	(91021410)	3858.82047 (91021410)
3810.32903	(91021410)	3808.44002	(90020502)		
3606414.5	4043.42046	(91021410)	3995.69525	(90120610)	3962.56309 (90020502)
3956.43654	(90020502)	3931.53623	(90020502)		
3606264.5	4162.88932	(90120610)	4127.04079	(90020502)	4110.38371 (90020502)
4068.46297	(90020502)	4018.04360	(91012511)		
3606114.5	4300.83940	(90020502)	4267.81175	(90020502)	4203.90285 (90020502)
4189.90778	(91012511)	4191.61165	(91021410)		
3605964.5	4425.80136	(90020502)	4386.68963	(91012511)	4384.99879 (91021410)
4392.09182	(91021410)	4389.46711	(91021410)		
3605814.5	4597.33572	(91021410)	4606.38184	(91021410)	4607.22445 (91021410)
4588.96895	(91021410)	4543.67048	(91021410)		
3605664.5	4883.22482	(92092408)	4896.49964	(92092408)	4908.20165 (92092408)
4917.95936	(92092408)	4925.49710	(92092408)		
3605514.5	5476.41059	(92092408)	5471.97985	(92092408)	5464.84181 (92092408)
5454.97731	(92092408)	5442.44866	(92092408)		
3605364.5	6054.81472	(92092408)	6024.84357	(92092408)	5992.69010 (92092408)
5958.63420	(92092408)	5922.98669	(92092408)		
3605214.5	6586.14802	(92092408)	6529.86710	(92092408)	6473.44845 (92092408)
6417.26075	(92092408)	6361.63593	(92092408)		
3605064.5	7071.06778	(92092408)	6994.37110	(92092408)	6920.28106 (92092408)
6848.98415	(92092408)	6780.56783	(92092408)		
3604914.5	7542.98372	(92092408)	7454.94763	(92092408)	7371.96924 (92092408)
7293.79725	(92092408)	7220.05033	(92092408)		
3604764.5	8053.71320	(92092408)	7962.70948	(92092408)	7878.05301 (92092408)
7798.82733	(92092408)	7724.03032	(92092408)		
3604614.5	8659.13395	(92092408)	8569.89358	(92092408)	8486.03427 (92092408)
8405.84389	(92092408)	8327.70136	(92092408)		

3604464.5	|	9412.08815 (92092408)	9320.46565 (92092408)	9229.34843 (92092408)
9136.55974	(92092408)	9040.31508 (92092408)		
3604314.5	|	10341.60125 (92092408)	10222.34061 (92092408)	10094.44396 (92092408)
9956.57213	(92092408)	9807.98088 (92092408)		
3604164.5	|	11382.56779 (92092408)	11178.06050 (92092408)	10956.86801 (92092408)
10720.20835	(92092408)	10469.64303 (92092408)		
3604014.5	|	12285.14835 (92092408)	11922.48394 (92092408)	11547.15602 (92092408)
11162.85541	(92092408)	10772.99180 (92092408)		
3603864.5	|	12648.93884 (92092408)	12095.85875 (92092408)	11551.63608 (92092408)
11019.49077	(92092408)	10502.03979 (92092408)		
3603714.5	|	12173.25961 (92092408)	11483.60642 (92092408)	10831.76686 (92092408)
10217.40726	(92092408)	9639.92483 (92092408)		
3603564.5	|	10923.83540 (92092408)	10211.65187 (92092408)	9557.14095 (92092408)
9187.49189	(91012507)	8901.55220 (91012507)		

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 153

**MODELOPTs: RegDEFAULT CONC

ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002912 , L0002913
, L0002914 , L0002915 , L0002916 ,
L0002917 , L0002918 , L0002919 , L0002920 , L0002921
, L0002922 , L0002923 , L0002924 ,
L0002925 , L0002926 , L0002927 , L0002928 , L0002929
, L0002930 , L0002931 , L0002932 ,
L0002933 , L0002934 , L0002935 , L0002936 , L0002937
, L0002938 , L0002939 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 507863.98

3606564.5 | 3795.60499 (90020502)
3606414.5 | 3881.11781 (90020502)
3606264.5 | 4008.79628 (91021410)
3606114.5 | 4196.13622 (91021410)
3605964.5 | 4367.85622 (91021410)
3605814.5 | 4486.42234 (90120610)
3605664.5 | 4930.62844 (92092408)
3605514.5 | 5427.38408 (92092408)
3605364.5 | 5886.06861 (92092408)
3605214.5 | 6306.85030 (92092408)
3605064.5 | 6715.01474 (92092408)
3604914.5 | 7150.23927 (92092408)
3604764.5 | 7652.62747 (92092408)
3604614.5 | 8250.12799 (92092408)
3604464.5 | 8939.20418 (92092408)
3604314.5 | 9648.40125 (92092408)
3604164.5 | 10206.94801 (92092408)
3604014.5 | 10380.68850 (92092408)
3603864.5 | 10001.38752 (92092408)
3603714.5 | 9098.52951 (92092408)
3603564.5 | 8630.48538 (91012507)

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 154

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED
OVER 3 YEARS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

NETWORK

GROUP ID	ZHILL, ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV,
ALL	0.00,	1ST HIGHEST VALUE	IS	9328.84166	AT (	498321.32, 3603284.90, 0.00,
0.00,	0.00)	GC UCART1				
0.00,	0.00)	2ND HIGHEST VALUE	IS	8321.89143	AT (	498621.32, 3603284.90, 0.00,
0.00,	0.00)	GC UCART1				
0.00,	0.00)	3RD HIGHEST VALUE	IS	8040.82241	AT (	501904.52, 3602834.79, 0.00,
0.00,	0.00)	GC UCART3				
0.00,	0.00)	4TH HIGHEST VALUE	IS	7859.73261	AT (	505613.59, 3601933.99, 0.00,
0.00,	0.00)	GC UCART7				
0.00,	0.00)	5TH HIGHEST VALUE	IS	7812.88206	AT (	498621.32, 3603134.90, 0.00,
0.00,	0.00)	GC UCART1				
0.00,	0.00)	6TH HIGHEST VALUE	IS	7521.10027	AT (	501887.15, 3602835.14, 0.00,
0.00,	0.00)	GC UCART5				
0.00,	0.00)	7TH HIGHEST VALUE	IS	7494.62115	AT (	498471.32, 3603284.90, 0.00,
0.00,	0.00)	GC UCART1				
0.00,	0.00)	8TH HIGHEST VALUE	IS	6876.82198	AT (	505913.59, 3602083.99, 0.00,
0.00,	0.00)	GC UCART7				
0.00,	0.00)	9TH HIGHEST VALUE	IS	6849.07784	AT (	503537.15, 3602835.14, 0.00,
0.00,	0.00)	GC UCART5				
0.00,	0.00)	10TH HIGHEST VALUE	IS	6698.85435	AT (	500854.52, 3602984.79, 0.00,
0.00,	0.00)	GC UCART3				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 ***
Existing\Otay Mesa Existing ***

*** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
10/17/12

*** 14:14:53

PAGE 155

**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

NETWORK	DATE	RECEPTOR
GROUP ID	(YYMMDDHH)	
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC	OF TYPE GRID-ID
-----	-----	-----
-----	-----	-----

ALL HIGH 1ST HIGH VALUE IS 114281.79103 ON 92092408: AT (498621.32,
3603284.90, 0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 12060 *** *** L:\DRAFT\3957-1\Air\HRA\AERMOD\Otay Mesa
Existing\Otay Mesa Existing *** 10/17/12

*** 14:14:53

PAGE 156

**MODELOPTs: RegDEFAULT CONC

ELEV

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 12293 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 1462 Calm Hours Identified

A Total of 10831 Missing Hours Identified (41.18 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.
See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

APPENDIX D

Biological Resources Report



Biological Resources
Report for the
Otay Mesa Community
Plan Update,
City of San Diego
Project No. 30330/304032
SCH No. 2004651076

Prepared for
City of San Diego
Development Services Department
1222 First Avenue MS 5A
San Diego, CA 92101
Contact: Theresa Millette

Prepared by
RECON Environmental, Inc.
1927 Fifth Avenue
San Diego, CA 92101-2358
P 619.308.9333 F 619.308.9334
RECON Number 3957-1
September 5, 2013

A handwritten signature in black ink that reads "Cailin O'Meara".

Cailin O'Meara, Biologist

A handwritten signature in black ink that reads "Gerry Scheid".

Gerry Scheid, Senior Biologist

THIS PAGE IS INTENTIONALLY BLANK.

TABLE OF CONTENTS

Acronyms	iii
1.0 Introduction	1
2.0 Methods	9
2.1 Literature Review	9
2.2 Botanical Resources	9
2.3 Sensitive Wildlife	10
3.0 Existing Conditions	11
3.1 Site Description	11
3.2 Botanical Resources	12
3.3 Sensitive Biological Resources	20
3.4 Jurisdictional Waters/Wetlands	50
3.5 Wildlife Movement Corridors	53
4.0 Regulatory Framework	54
4.1 Multiple Species Conservation Program	55
4.2 City of San Diego Environmentally Sensitive Lands Regulations	66
4.3 City of San Diego General Plan Policies	67
4.4 CPU Plan Policies	72
5.0 Project Impacts	75
5.1 Vegetation Community Impacts	75
5.2 Impacts to Common Wildlife Species	76
5.3 Sensitive Biological Resources Impacts	76
5.4 Jurisdictional Waters/Wetlands	88
5.5 Wildlife Movement Corridors	90
5.6 Multi-Habitat Planning Area	91
5.7 Cumulative Impacts	94
6.0 Mitigation Framework	98
6.1 Sensitive Vegetation Communities	100
6.2 Sensitive Plants	101
6.3 Sensitive Wildlife	102
6.4 Wildlife Movement Corridors	106
6.5 Jurisdictional Waters/Wetlands	108
6.6 Multi-Habitat Planning Area	113
6.7 MHPA Land Use Adjacency Guideline Compliance	113
6.8 Mitigation for Cumulative Impacts	115
7.0 References Cited	117

TABLE OF CONTENTS (cont.)

FIGURES

1:	Regional Location of Otay Mesa Community Plan Area	2
2:	Otay Mesa Community Plan Area on USGS Map	3
3:	Aerial Photograph of Otay Mesa Community Plan Area	5
4:	Existing Vegetation Communities and Land Cover Types	13
5:	Sensitive Vegetation Communities	21
6:	Location of Designated Critical Habitat for the Quino Checkerspot Butterfly within the Otay Mesa Community Plan Boundary	41
7:	Location of MHPA, SanGIS Conserved Lands, and Proposed Otay Mesa Community Plan Open Space	59
8:	Otay Mesa Community Plan MHPA Boundary Line Correction	61
9:	Impacts to Vegetation Communities and Land Cover Types	77
10:	Impacts to Sensitive Vegetation Communities	81
11:	Location of Designated Critical Habitat for the San Diego Fairy Shrimp and Riverside Fairy Shrimp within the Otay Mesa Community Plan Boundary	83

TABLES

1:	CPU Projected Buildout	1
2:	Vegetation Communities and Land Cover Types	12
3:	Sensitive Plant Species Known or with the Potential to Occur in the CPU Area	25
4:	Sensitive Wildlife Species Known to Occur in the CPU Area	35
5:	General Plan Policies Relating to Biological Resources	68
6:	CPU Plan Policies Relating to Biological Resources	72
7:	Anticipated Impacts to Vegetation Communities and Land Cover Types within the CPU	76
8:	Mitigation Ratios for Impacts to Upland Vegetation Communities and Land Cover Types	101
9a:	City of San Diego Wetland Mitigation Ratios (with Biologically Superior Design)	110
9b:	City of San Diego Wetland Mitigation Ratios (without Biologically Superior Design Outside of the Coastal Zone)	110

ATTACHMENTS

1:	Otay Mesa Community Plan Area on City 800' Map
2:	Literature Review

Acronyms

ADD	Assistant Deputy Director
AMSL	above mean sea level
CCC	California Coastal Commission
CDFW	California Department of Fish and Wildlife (formerly California Department of Fish and Game)
CESA	California Endangered Species Act
CEQA	California Environmental Quality Act
CNDDB	California Natural Diversity Data Base
CNPS	California Native Plant Society
CPU	Community Plan Update
EAS	Environmental Analysis Section
ESL	Environmentally Sensitive Lands
FESA	Federal Endangered Species Act
HCP	Habitat Conservation Plan
I-805	Interstate 805
IA	Implementing Agreement
ITP	Incidental Take Permit
PEIR	Program Environmental Impact Report
MBTA	Migratory Bird Treaty Act
MHPA	Multiple Habitat Planning Area
MMC	Mitigation Monitoring Coordination
MMRP	Mitigation Monitoring and Reporting Program
MSCP	Multiple Species Conservation Program
OHWM	Ordinary High Water Mark
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SanGIS	San Diego Geographic Information Source
SR-905	State Route 905
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service

THIS PAGE IS INTENTIONALLY BLANK.

1.0 Introduction

The Otay Mesa Community Plan Update (CPU) area encompasses approximately 9,300 acres in the city of San Diego, southwest San Diego County (Figures 1 and 2). The area is bounded by the Otay River Valley and the city of Chula Vista to the north, the United States–Mexico border to the south, Interstate 805 (I-805) to the west, and unincorporated San Diego County to the east (Figure 3 and Attachment 1). The proposed plan designates 2,528 acres as Industrial; 1,125 as Institutional; 802 acres as Residential; 560 acres as “Village Areas” (including residential and commercial mixed-use) 2,833 acres as Open Space; 154 acres as Parks; 299 acres as Commercial, and 1,023 acres as right-of-way.

The City of San Diego (City) is proceeding with the first comprehensive update of the Otay Mesa Community Plan since 1981. The intent of the update is to establish a framework for future development on Otay Mesa. The update includes modifications to the various elements of the plan to reflect land use. The CPU strives to enhance and create villages, activity centers, and industrial/employment centers that are planned along major transportation corridors, while supporting international trade functions of the Otay Mesa Port of Entry, taking into consideration surrounding regional and bi-national planning activities and trends affecting the CPU. Major land use revisions focus on re-designating land uses to increase the number of allowed residential units, while achieving a more balanced community through integration of housing and appropriate employment lands. New land use designations are proposed to allow the establishment of technology centers along with mixed commercial and residential village areas. Modified industrial land use designations are also included to facilitate the diversification of the industry profile in the CPU.

A comparison of land use categories for the No Project/Adopted Community Plan Alternative with the proposed CPU is presented in Table 1.

**TABLE 1
CPU PROJECTED BUILDOUT**

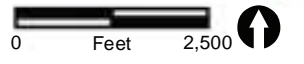
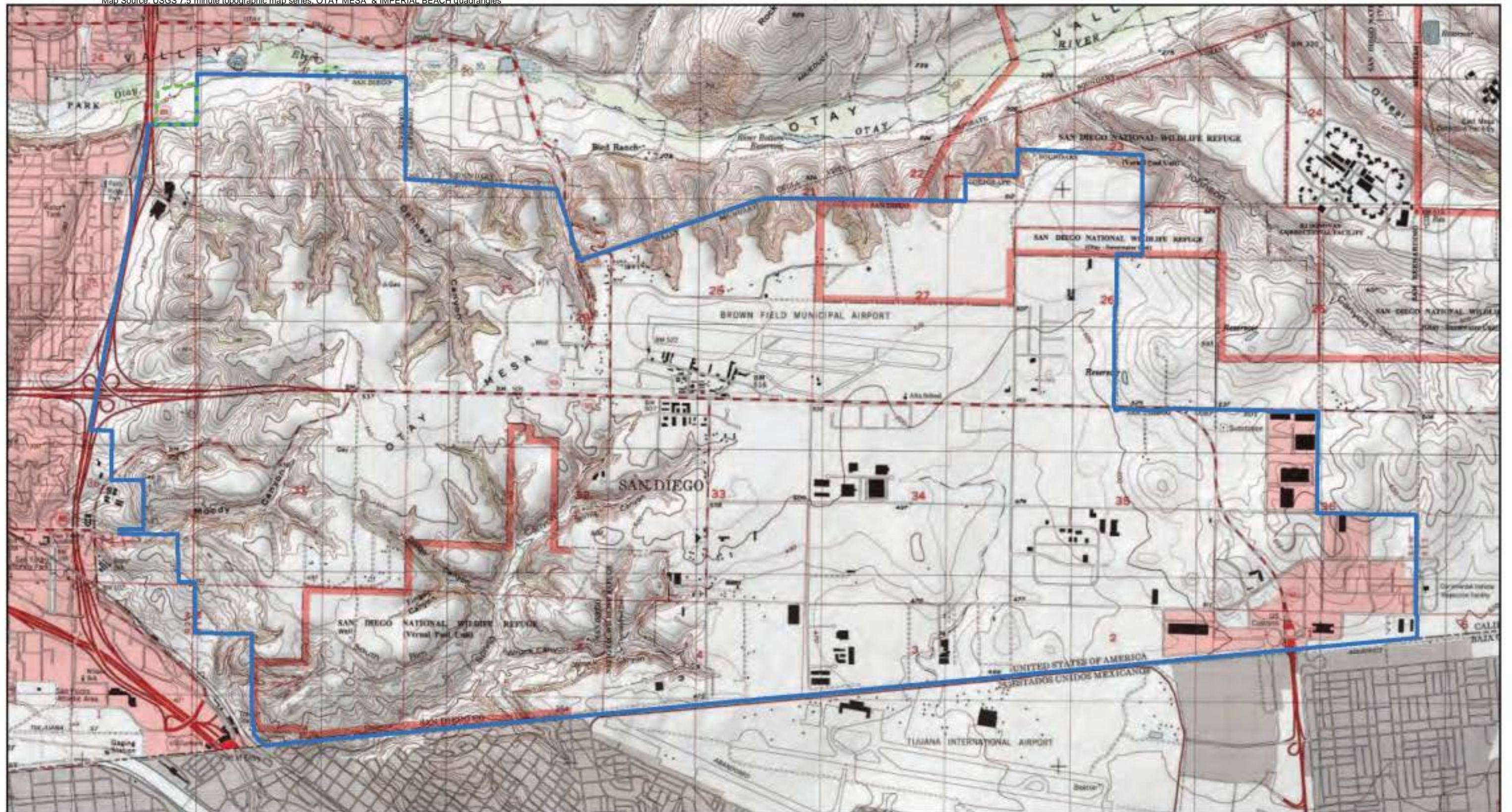
Land Use Categories	Adopted Community Plan (No Project Alternative)* (acres)	Proposed CPU (acres)
Residential	1,269	802
Commercial	452	299
Village Centers	0	560
Industrial	2,839	2,528
Institutional	1,027	1,125
Parks	64	154
Open Space	2,570	2,833
Right-of-Way	1,098	1,023
TOTAL	9,319	9,325

*SOURCE: Otay Mesa Draft Community Plan, April 2011.



Otoy Mesa Community Plan Boundary

FIGURE 1
Regional Location of
Otoy Mesa Community Plan Area





-  Otay Mesa Community Plan Boundary
-  Not A Part

FIGURE 2
Otay Mesa Community Plan Area Location on USGS Map

THIS PAGE IS INTENTIONALLY BLANK.



THIS PAGE IS INTENTIONALLY BLANK.

This document provides information pertaining to the existing biological resources in the CPU area and anticipated impacts to sensitive vegetation communities and species associated with buildout of the community plan. This information will be used in the development of the CPU and associated California Environmental Quality Act (CEQA) documents.

THIS PAGE IS INTENTIONALLY BLANK.

2.0 Methods

2.1 Literature Review

RECON biologists conducted reviews of existing literature relevant to the biological resources known from the CPU area. Literature reviewed included, but was not limited to, the documents listed in Attachment 2. Future projects implemented as part of the CPU land use plan would require subsequent environmental review, including the requirement for project-specific biology surveys and reports.

2.2 Botanical Resources

2.2.1 Vegetation Communities

The base vegetation community mapping is taken primarily from the San Diego Association of Governments (SANDAG 1995) digital file for the Multiple Species Conservation Program (MSCP). This vegetation mapping was updated using information from an aerial photograph of the area (SanGIS 2012). Updates to the vegetation map included areas that were mapped as native vegetation or agricultural, but showed as developed on the 2012 aerial photo.

Vegetation community classifications follow Holland (1986) and Oberbauer (1996). Assessments of the sensitivity of habitats are based primarily on the California Native Plant Society (CNPS; 2012), the California Natural Diversity Data Base (CNDDDB; State of California 2012a), City of San Diego (1997 and 2012), U.S. Fish and Wildlife Service (USFWS; 2002a), and Holland (1986).

2.2.2 Sensitive Plants

The mapped locations of sensitive plant species are from the CNDDDB (State of California 2012a) and other biological resource documents reviewed from the CPU area (see Attachment 2). Nomenclature for plant species follows Hickman (1993), and Jepson (2009). Assessments of the sensitivity of species are based primarily on CNPS (2012), State of California (2012b), City of San Diego (1997 and 2012), and USFWS (2002a).

2.3 Sensitive Wildlife

The mapped locations of sensitive wildlife species are from the CNDDDB (State of California 2012a) and the other biological resource documents reviewed from the CPU area (see Attachment 2). Zoological nomenclature for birds is in accordance with the American Ornithologists' Union Checklist (1998) and Unitt (2004); for mammals, Jones et al. (1997) and Hall (1981); and for amphibians and reptiles, Crother (2001) and Crother et al. (2003). Assessments of the sensitivity of species are based primarily on State of California (2011a, 2011b), City of San Diego (1997 and 2012), and USFWS (2002a).

3.0 Existing Conditions

3.1 Site Description

3.1.1 Topography

Otay Mesa has varying elevation from approximately 450 feet above mean sea level (AMSL) feet to more than 600 feet AMSL (see Figure 2). The western two-thirds of the study area is a flat elevated mesa bounded by steep cliffs. The eastern one-third is characterized by low, gently rolling hills that increase in elevation gradually to the mountainous terrain of the San Ysidro Mountains to the east. On the north, the moderate slopes of the Otay River Valley become steep bluffs near the mesa, with several major canyons such as O'Neal, Johnson, and Denney that bisect the area. To the west, a terrace rises steeply from I-805 to the mesa, with Moody Canyon and Spring Canyon as the major drainage systems of the area.

3.1.2 Land Use

Current land use on Otay Mesa is a mixture of residential development of various densities, industrial and commercial areas, parks, and undeveloped lands. Some of the undeveloped lands are agricultural areas while others are designated open space areas set aside to preserve sensitive vegetation communities, wetlands, and habitat for sensitive plant and wildlife species.

3.1.3 Soils

The U.S. Department of Agriculture (USDA; 1973) mapped the following soil series in the CPU area: Diablo clay, gravel pit, Huerhuero loam, Huehuero-Urban land complex, Linne clay loam, mine and quarry, Olivenhain cobbly loam, Riverwash, Salinas clay loam, Salinas clay, and Stockpen gravelly clay loam. Most of the eastern portion of the mesa is covered by Diablo series clays, a dark gray soil derived from sandstone and shale. The western half of the mesa is covered by the Stockpen series of gravelly clay loams. Smaller portions of the mesa are covered with Salinas series clays and the previously mentioned soils, all of its horizons are clayey. The Huerhuero loams are different in that the top foot of the soils is a loam. These soils are characteristic of the flat and gently rolling mesa lands within the CPU area.

The canyon slopes, immediately to the north and west of the mesa, are covered with Olivenhain series cobbly loams. This soil has a topsoil of cobbly loam and a subsoil of very cobbly clay. Farther west, the canyons have Linne series clay loams. To the north,

the Otay River Valley has Riverwash soils (sandy, gravelly, or cobbly material) along the floodway (City of San Diego 1981).

3.2 Botanical Resources

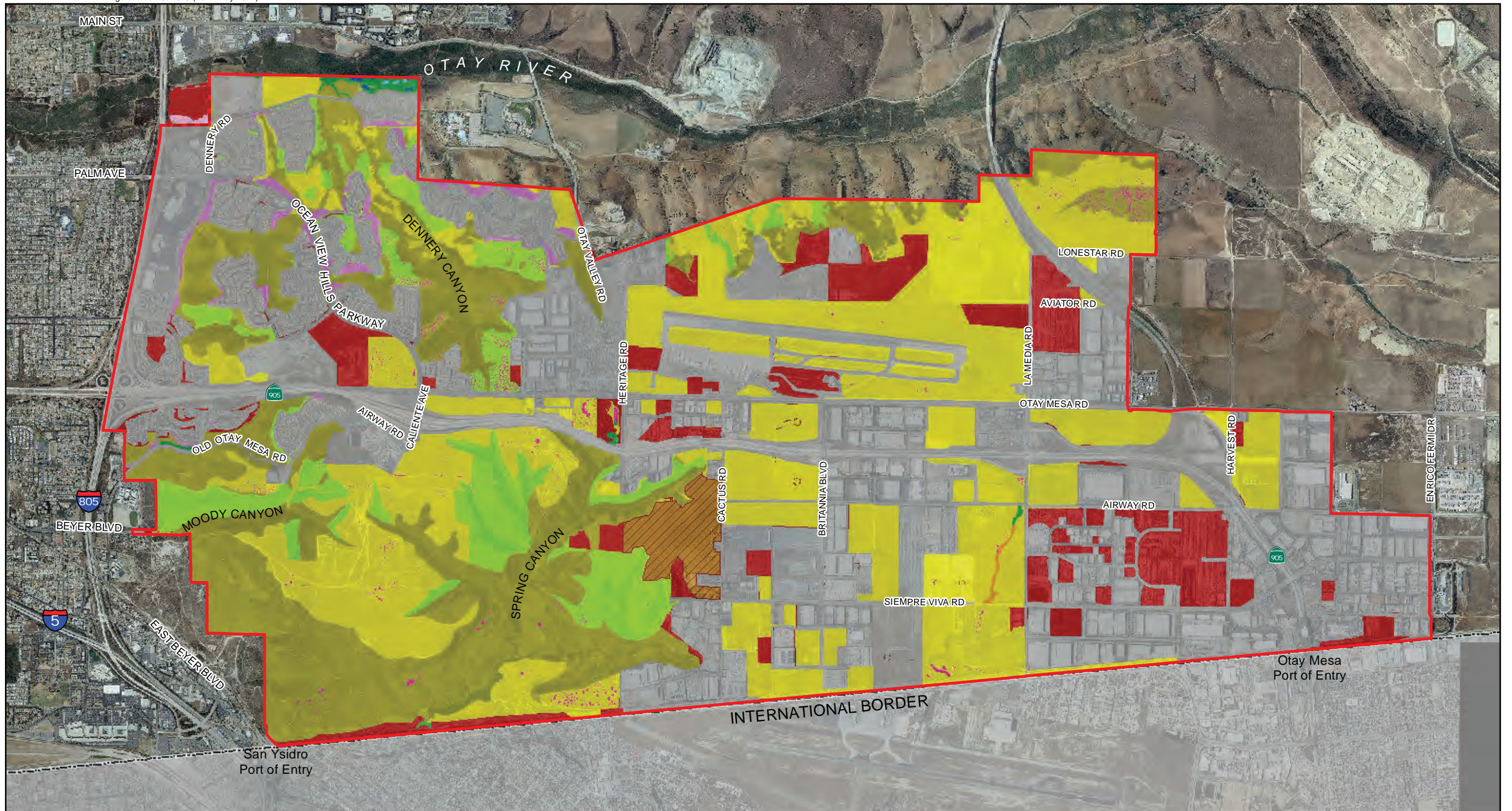
There are 15 vegetation communities and land cover types present in the CPU area: urban/developed, non-native grassland, Diegan coastal sage scrub, disturbed, maritime succulent scrub, agriculture, non-native vegetation, riparian, vernal pool, basin with fairy shrimp, mule fat scrub, southern mixed chaparral, freshwater marsh, eucalyptus woodland, and alkali seep. The approximate acreages of these vegetation communities and land cover types are shown in Table 2. Vegetation communities and land cover types mapped within the CPU area are shown on Figure 4 and described below.

**TABLE 2
VEGETATION COMMUNITIES AND LAND COVER TYPES**

Vegetation Community/Land Cover Type	CPU Area (acres)
Urban/developed	3,853.9
Non-native grassland	2,429.4
Diegan coastal sage scrub	1,619.0
Disturbed land	673.4
Maritime succulent scrub	540.9
Agriculture	113.2
Non-native vegetation	68.3
Riparian	23.97
Vernal pool	12.34
Basin with fairy shrimp	12.24
Mule fat scrub	5.17
Southern mixed chaparral	4.6
Freshwater marsh	1.06
Eucalyptus woodland	1.0
Alkali seep	0.53
TOTAL	9,349.08

3.2.1 Wetland Vegetation Communities

Wetland vegetation communities are dominated by plant species adapted to soils that have periods of prolonged saturation. The CPU area has five wetland vegetation communities mapped within the limits and these five vegetation communities are described below. Wetland vegetation communities are considered sensitive by the City



Otay Mesa Community Plan Boundary
 Not A Part

Vegetation Communities and Land Cover Types

Alkali Seep
 Coastal and Valley Freshwater Marsh
 Diegan Coastal Sage Scrub
 Eucalyptus Woodland

Maritime Succulent Scrub
 Mule Fat Scrub
 Non-native Grassland
 Non-native Vegetation
 Riparian

Southern Mixed Chaparral
 Vernal Pool
 Agriculture
 Disturbed Land
 Urban/Developed



FIGURE 4
Existing Vegetation Communities and Land Cover Types

THIS PAGE IS INTENTIONALLY BLANK.

of San Diego and resource agencies. These communities are regulated by the City and Regional Water Quality Control Board (RWQCB) and some are regulated by the U.S. Army Corps of Engineers (USACE), USFWS, and the California Department of Fish and Wildlife (CDFW).

3.2.1.1 Riparian (23.97 acres)

Riparian vegetation consists of riparian scrub, riparian woodland, and/or riparian forest within the CPU area. These communities vary from open to dense and are typically dominated by broad-leafed, winter deciduous trees and/or shrubs. These communities may contain an understory consisting of sub-shrubs or herbaceous species, although denser stands may prevent the development of understory vegetation. Tree species may include willows (*Salix* spp.), Fremont cottonwoods (*Populus fremontii*) and/or western sycamores (*Platanus racemosa*). Scrubs are generally dominated by riparian shrubs such as mule fat (*Baccharis salicifolia*). Riparian vegetation as mapped contains areas of riparian vegetation considered disturbed. Disturbed riparian vegetation includes areas that have been impacted from human encroachment (e.g., homeless encampments or other trespasses), or by the invasion of non-native plant species from adjacent areas (e.g., salt cedar [*Tamarix* spp.]). Riparian communities are typically found along major drainages, but also may occur in smaller drainages. Within the CPU area, small patches of riparian vegetation are found within the Otay River Valley, upper Dennery Canyon, and Spring Canyon.

3.2.1.2 Freshwater Marsh (1.06 acres)

This community consists of perennial emergent monocots such as cattails (*Typha* spp.) and bulrush (*Scirpus* spp.). Freshwater marsh vegetation occurs in open bodies of fresh water with little current flow, such as ponds, and to a lesser extent around seeps and springs. The vegetation typically forms a closed canopy. Freshwater marshes occur in areas of permanent inundation by freshwater without active streamflow. Freshwater marsh communities, as with all wetland habitats, have been greatly reduced throughout their entire range and continue to decline as a result of urbanization.

Freshwater marsh areas include the unvegetated open water of ponds, lakes, and wide streams. These freshwater marsh areas are mapped within the northwest portion of the CPU area within the Otay River Valley.

3.2.1.3 Vernal Pool (12.34 acres) and Basins with Fairy Shrimp (12.24 acres)

San Diego mesa claypan vernal pools are shallow, isolated, seasonal wetlands distinguished from other ephemeral wetlands in the region by characteristic plant and animal species. The micro-relief surrounding vernal pools typically consists of small

mima mounds or hummocks. San Diego mesa claypan vernal pools have a characteristic suite of plant and animal species. Plants in vernal pools may be aquatic or may germinate following the drying of the pool. Pool sizes range from very small to moderate (up to circa 700 square meters).

Vernal pools can be characterized as Hardpan or Claypan vernal pools which are distinguished by the soil type they occur on, the type of impervious subsoil layer, and vegetation. Claypan vernal pools are primarily found on Otay Mesa on Stockpen soils, but are also located in other areas of San Diego County and into Baja California. Hardpan vernal pools are primarily found north of Otay Mesa (Holland 1986).

Basins with fairy shrimp is a subset of vernal pools used to distinguish the presence of fairy shrimp. Some of these basins may be vernal pools while others are simply road ruts in which fairy shrimp happen to occur.

Approximately 1,266 vernal pools are located within the CPU area based on data compiled by the City of San Diego. Of this total, 522 are basins with fairy shrimp. These vernal pools are located on mesas in the northeastern, central-western, and southwestern portions of the CPU area. In addition, vernal pools have been mapped west of La Media Road near the International Border. The vernal pools within the CPU area are a mixture of natural and created basins, most of which are found within preserved open space areas. Vernal pool creation/restoration and enhancement has been successful in Otay Mesa as there are multiple vernal pool preserve areas located within the CPU area. The largest of these preserves is the 45-acre Denney Canyon vernal pool preserve east of Ocean View Hills Parkway.

Otay Mesa vernal pools have historically been impacted by non-native weeds, grazing, and off-road-vehicle activity. Over the years, habitat changes caused by disturbance, including the resulting weed invasion, have diminished the suitable habitat available for ground nesting pollinators. Even though various insects have been observed visiting local vernal pool plant species, studies to determine if any of these insects are effective pollinators are lacking. Therefore referring to the visiting insects as potential pollinators is currently the best terminology to use for these observations. Visiting insects observed (either photographed or collected) on vernal pool plant species' flowers as part of vernal pool restoration monitoring efforts on the Otay Mesa include flies in the families of Sarcophagidae (flesh flies) and Calliphoridae (blow flies), various Hymenoptera including small bees and wasps, Syrphidae (hover flies) and other tiny bees, wasps, and flies, including bee flies, larger bumblebees, and sphinx moths (RECON 2005).

3.2.1.4 Mule Fat Scrub (5.17 acres)

Mule fat scrub is an early seral riparian scrub community dominated by mule fat and maintained by frequent flooding. Often this community is distributed along ephemeral streams. In the CPU area, mule fat scrub occurs in a drainage west of La Media Road.

3.2.1.5 Alkali Seep (0.53 acre)

Alkali seep typically consists of low-growing perennial herbs in permanently moist or wet alkaline seeps as part of narrow drainages or springs. This vegetation community usually consists of relatively few species and forms complete cover. In the CPU area, alkali seep occurs in the Otay River Valley.

3.2.2 Upland Communities

Upland vegetation communities do not support wetland species. These native vegetation types occur on the drier areas of the mesa, slopes, and canyons in the CPU area. Four vegetation communities are in this category as described below.

3.2.2.1 Non-native Grassland (2,429.4 acres)

Non-native grassland is characterized by a dense to sparse cover of annual grasses, which may include numerous native wildflowers, particularly in years of high rainfall. Non-native grasslands contain species including, but not limited to, bromes, wild oats, ryegrasses, and fescues. Typically, this community includes at least 50 percent cover of the entire herbaceous layer attributable to annual non-native grass species, although other native and non-native plant species may be intermixed (City of San Diego 2012).

These annuals germinate with the onset of the rainy season and set seeds in the late winter or spring. With a few exceptions, the plants of non-native grasslands are dead through the summer-fall dry season. Non-native grassland is typically found on fine-textured, usually clay, soils, that range from being moist or waterlogged in the winter to being very dry during the summer and fall. This community is found in valleys and foothills throughout much of California at elevations below 3,000 to 4,000 feet (Holland 1986). Non-native grassland can be found dispersed throughout the CPU area.

3.2.2.2 Diegan Coastal Sage Scrub (1,619.0 acres)

Diegan coastal sage scrub is the southern form of coastal sage scrub comprised of low-growing, aromatic, drought-deciduous soft-woody shrubs that have an average height of approximately three to four feet. Diegan coastal sage scrub is typically dominated by facultatively drought deciduous species such as California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), laurel sumac (*Malosma laurina*), and black sage (*Salvia mellifera*).

This community is typically found on low moisture-availability sites with steep, xeric slopes or clay rich soils that are slow to release stored water. These sites often include drier south- and west-facing slopes and occasionally north-facing slopes, where the community can act as a successional phase of chaparral. Diegan coastal sage scrub

transitions to several types of chaparrals at higher elevation, or in drier more inland areas to Riversidean sage scrub. Diegan coastal sage scrub is found in coastal areas from Los Angeles County south into Baja California (Holland 1986).

Some coastal sage scrub areas in the CPU contain another co-dominant species, San Diego bur-sage (*Ambrosia chenopodiifolia*). Other coastal sage scrub areas in the CPU area have a greater percentage of non-native grassland species such as bromes (*Bromus* spp.), wild oats (*Avena* spp.), ryegrasses (*Lolium* spp.), and fescues (*Vulpia* spp.). Coastal sage scrub is found primarily in the northern and western portions of the CPU area both in large acreages and in smaller, more isolated patches.

3.2.2.3 Maritime Succulent Scrub (540.9 acres)

Maritime succulent scrub is a low (two to three feet high), open (25–75 percent cover) vegetation community dominated by drought deciduous, somewhat woody soft-leaved shrubs with a rich mixture of stem and leaf succulents (e.g., cacti). The proportion of cacti in this community is typically highest in inland areas. Ground cover is more or less devoid of vegetation between shrubs. Growth and flowering are concentrated in the spring. Maritime succulent scrub occurs on thin, rocky, or sandy soils, often on steep slopes of coastal headlands and bluffs. This type of succulent scrub transitions to southern coastal bluff scrub on more exposed headlands and bluffs and with coastal sage scrub on better developed, moister soils away from the immediate coast (Holland 1986). This vegetation community is found in the western half of the CPU area.

Maritime succulent scrub occurs along the slopes of canyons (e.g., Moody Canyon, Dennery Canyon, Spring Canyon) on the western half of the CPU area and along the north–central CPU boundary to the north of Brown Field (see Figure 4). Some areas of maritime succulent scrub are disturbed and contain an abundance of exotic invasive plant species. Disturbed maritime succulent scrub can be found within the southwestern portion of the CPU area within Spring Canyon.

3.2.2.4 Southern Mixed Chaparral (4.6 acres)

Southern mixed chaparral is a plant community typically dominated by broad-leaved sclerophyllous shrubs or small trees that typically range in height range from 4 to 10 feet tall. Southern mixed chaparral is typically dominated by blue-colored lilacs including Ramona lilac (*Ceanothus tomentosus* var. *olivaceus*), chaparral whitethorn (*C. leucodermis*), and hairy ceanothus (*C. oliganthus*) and may include manzanita (*Arctostaphylos* spp.), toyon (*Heteromeles arbutifolia*), sugar bush (*Rhus ovata*), and mission manzanita (*Xylococcus bicolor*) (Holland 1986). Southern mixed chaparral typically is found in coastal foothills of San Diego County at elevations below 3,000 feet. It usually occupies canyon slopes or ravines where mesic conditions are present. The vegetation is usually dense, with little or no understory cover, but may include patches of

bare soil. Many species in this community are adapted to repeated fires by their ability to stump sprout. This vegetation community is found along the northwestern edge of the CPU area in the Otay River Valley.

3.2.3 Other Land Cover Types

Three other land cover types are present within the CPU area. All result from some sort of development, encroachment, or other human disturbance.

3.2.3.1 Urban/Developed (3,853.9 acres)

Areas mapped as developed include locations with residential housing, commercial, and industrial land uses. Urban/developed includes ornamental areas that have been landscaped with non-native species and are actively maintained.

3.2.3.2 Disturbed Land (673.4 acres)

Disturbed land includes undeveloped areas modified by activities such as grading, scraping, or off-road vehicle use. Areas mapped as disturbed are scattered throughout the CPU area, primarily in the western and the northern portion. A large portion of the southwestern corner of the CPU area, particularly within and surrounding Spring Canyon, was identified in the MSCP mapping as disturbed. However, these areas likely support some native and non-native vegetation and would require that a site-specific biological survey be conducted during the project-specific analysis to determine if any native or non-native habitats exist on-site. In addition, some of these disturbed lands may or do support burrowing owls (*Athene cunicularia hypugaea*), which would require site-specific protocol surveys.

3.2.3.3 Agriculture (113.2 acres)

This land cover type includes all agricultural land (both active and inactive). Agricultural activities are present primarily within the southern half of the CPU area, with several patches along the northern boundary of the CPU area.

3.2.3.4 Non-native Vegetation (68.3 acres)

Non-native vegetation consists of non-native plant species, including ornamental and/or invasive species. This land cover type occurs primarily in the northeastern portion of the CPU. However, this area likely supports some native vegetation and would need to be verified during the project-specific analysis to determine if any native or non-native habitats exist on-site.

3.2.3.5 Eucalyptus Woodland (1 acre)

Eucalyptus woodland is comprised of stands of eucalyptus trees (*Eucalyptus* spp.). These trees are not native to the area and are considered invasive species because of their rapid growth rate, broad cover, and allelopathic chemicals contained in their leaf litter that prevents understory species from growing. Once established, eucalyptus groves often form dense canopies that displace native habitats over time (Holland 1986). Eucalyptus woodland was mapped along the future Beyer Boulevard extension along the western edge of the CPU area and along the northern edge of the CPU area west of State Route 125.

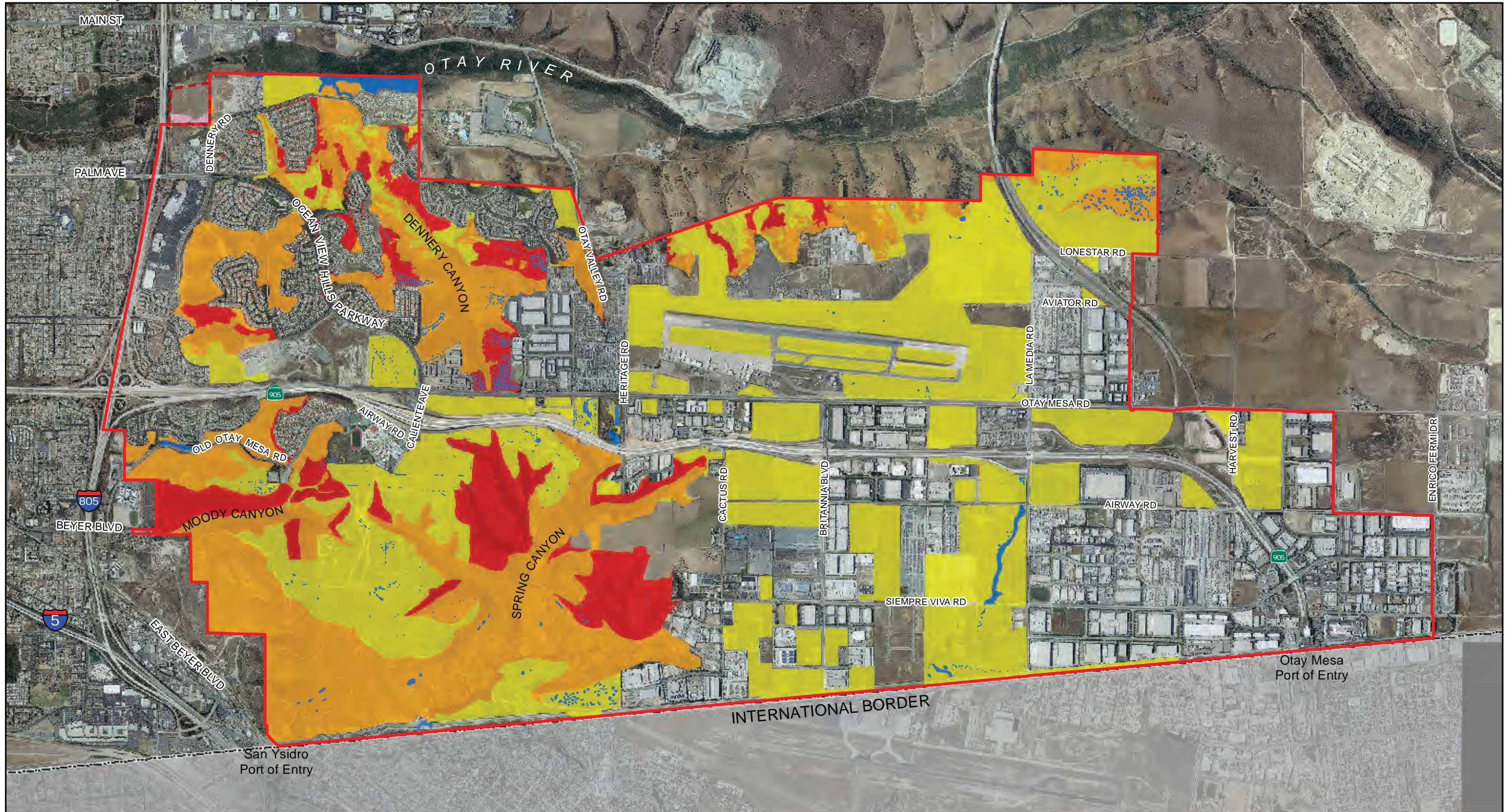
3.3 Sensitive Biological Resources

For purposes of this report, a species is considered sensitive if it: (1) is listed by state or federal agencies as threatened or endangered or are candidates or proposed for such listing; (2) is considered rare, endangered, or threatened by the State of California and/or listed in the CNDDDB (State of California 2012a, 2012b, 2011a, 2011b); (3) is a narrow endemic or covered species in the City of San Diego Multiple Species Conservation Program Subarea Plan (City of San Diego 1997); (4) has a CNPS Rare Plant Ranking of 1B or 2 on the CNPS *Inventory of Rare and Endangered Vascular Plants of California* (2012); or (5) is considered rare, sensitive, or noteworthy by local conservation organizations or specialists. Noteworthy plant species are considered to be those that have a CNPS Rare Plant Ranking of 3 and 4 on the CNPS *Inventory*. Sensitive habitat types are those identified by the CNDDDB (State of California 2012a) and Holland (1986). Assessments for the potential occurrence of sensitive or noteworthy species are based upon known ranges and habitat preferences for the species and species occurrence records from the CNDDDB.

Under the MSCP, upland vegetation communities have been divided into four tiers of sensitivity. Upland vegetation communities that are classified as Tier I (rare uplands), Tier II (uncommon uplands), or Tier III (common uplands) are considered sensitive by the City. Tier IV (other uplands) vegetation communities are not considered sensitive.

3.3.1 Sensitive Vegetation Communities

Sensitive vegetation communities are those communities that are of highly limited distribution. These communities may also support concentrations of sensitive plant or wildlife species. Upland communities within the MSCP are divided into four tiers of sensitivity based on rarity and ecological importance (City of San Diego 2012). Tier I is the most sensitive and Tier IV is the least sensitivity. The sensitive vegetation community MSCP Tiers present in the CPU area are shown on Figure 5 and summarized below.



Otay Mesa Community Plan Boundary
 Not A Part

Vegetation Classification

- Tier I Uplands
- Tier II Uplands
- Tier IIIA Uplands
- Tier IIIB Uplands
- Wetlands

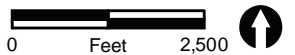


FIGURE 5
Sensitive Vegetation Communities

THIS PAGE IS INTENTIONALLY BLANK.

Maritime succulent scrub is an MSCP Tier I habitat within the CPU area. Tier I is mapped primarily in the northern and western portions of the CPU area, along Dennery Canyon, Moody Canyon, Spring Canyon, and the Otay River Valley.

Diegan coastal sage scrub, in pristine or disturbed condition, is considered sensitive by federal and state resource agencies due to the scarcity of this vegetation community and the number of sensitive species associated with it. This vegetation community is categorized as a Tier II vegetation community. Tier II vegetation is mapped primarily in the western and northern portions of the CPU area, along Dennery Canyon, Moody Canyon, Spring Canyon, and the Otay River Valley.

Southern mixed chaparral is categorized as a Tier IIIA vegetation community. Tier IIIA communities, although common, are considered sensitive as they may support a variety of rare plant and animal species. Tier IIIA is mapped only in the northwestern portion of the CPU area, in the Otay River Valley.

Non-native grassland is classified as a Tier IIIB community. Tier IIIB habitat is considered less valuable than native habitat, but still provides foraging habitat for many species, particularly raptors, and may support a variety of rare plant and animal species. Tier IIIB is found in the northeastern portion and scattered in patches elsewhere in the CPU area.

All wetland vegetation communities, including vernal pools, are considered sensitive by the City of San Diego and resource agencies. These communities are regulated by the City, USFWS, and RWQCB and some are regulated by USACE and CDFW. Case-by-case analysis would be needed to determine what agencies (City, USFWS, RWQCB, USACE, or CDFW) might have regulatory authority on any wetland resources proposed to be impacted.

3.3.2 Sensitive Plant Species

The sensitive plant species below are known from the CPU area based on information obtained from the literature review. Sources include, but are not limited to, the CNDDDB, (State of California 2012a), and the reports listed in Attachment 2. Precise locations of sensitive plant species would be identified through on-site reconnaissance and project-level analysis in conjunction with proposed future development. Table 3 lists the sensitive plant species observed in the CPU area.

3.3.2.1 Listed and MSCP-Covered Species

San Diego thornmint (*Acanthomintha ilicifolia*). San Diego thornmint is federally listed as threatened and state listed as endangered (State of California 2012a). It is considered a narrow endemic under the MSCP and has a CNPS Rare Plant Ranking of

1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). This annual herb in the mint family (Lamiaceae) flowers from April through June. It is known to occur at elevations between 30 and 3,200 feet in San Diego County and in northern Baja California. Preferred habitat is friable or cracked clay soil in grassy openings within chaparral and coastal scrub (Reiser 2001). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

San Diego ambrosia (*Ambrosia pumila*). San Diego ambrosia is federally listed as endangered (State of California 2012b). It is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). This perennial herb in the sunflower family (Asteraceae) emerges from rhizomes in spring and flowers from June to September. It is found at elevations below 500 feet in western Riverside and San Diego counties, and in northern Baja California. It may occur in disturbed areas in chaparral, coastal scrub, grassland, or vernal pool communities (CNPS 2012). Potential habitat in San Diego County is along creek beds, seasonally dry drainages, and floodplains along the edge of willow woodland, in Riverwash or sandy alluvial soils (Reiser 2001), from the San Luis Rey River south to the Sweetwater River (Beauchamp 1986). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

San Diego goldenstar (*Bloomeria [=Muilla] clevelandii*). San Diego goldenstar is a covered species under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). San Diego goldenstar is a bulbiferous herb of the Brodiaea family (Themidaceae). This species is found only in southwestern San Diego County and northern Baja California, Mexico, where it occurs on clay soils in coastal sage scrub, chaparral, and grassland habitats (Munz 1974). It is a perennial bulb threatened by loss, degradation, and conversion of habitat. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

Orcutt's brodiaea (*Brodiaea orcuttii*). Orcutt's brodiaea is covered under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). This bulbiferous perennial in the lily family (Liliaceae) flowers from April through July. Its range is limited to San Diego, Riverside, and Orange Counties and Baja California, Mexico at elevations up to 5500 feet (Munz 1974). Typically it is found in chaparral and lower montane coniferous forest communities, particularly areas with vernal moist grasslands, mima mounds, or at the edge of vernal pools or streams (Reiser 2001). It is known to occur in clay, and sometimes serpentine, soils including Stockpen gravelly loam on Otay Mesa and Redding gravelly loam on Mira Mesa (Reiser

TABLE 3
SENSITIVE PLANT SPECIES KNOWN OR WITH THE POTENTIAL TO OCCUR IN THE CPU AREA

Species	State/ Federal Status	CNPS Rare Plant Ranking	City of San Diego	Habitat/Blooming Period
ANGIOSPERMS: DICOTS				
AMARANTHACEAE	AMARANTH FAMILY			
<i>Atriplex pacifica</i> south coast saltscale	--	1B.2	-	Annual herb; coastal bluff scrub, coastal dunes, coastal sage scrub, playas; blooms Mar.–Oct.; elevation less than 500 feet.
APIACEAE	CARROT FAMILY			
<i>Eryngium aristulatum</i> var. <i>parishii</i> San Diego button-celery	CE/FE	1B.1	1	Annual/perennial herb; vernal pools, mesic areas of coastal sage scrub and grasslands, blooms April–June; elevation less than 2,000 feet.
ASTERACEAE	SUNFLOWER FAMILY			
<i>Ambrosia chenopodiifolia</i> San Diego bur-sage	--	2.1	-	Shrub; coastal sage scrub, cobbly loam soils; blooms April–June; elevation 150–500 feet. Approximately 10 occurrences known in San Diego. Additional populations in Baja California, Mexico.
<i>Ambrosia pumila</i> San Diego ambrosia	-/FE	1B.1	NE, MSCP	Perennial herb; chaparral, coastal sage scrub, valley and foothill grassland, creek beds, vernal pools, often in disturbed areas; blooms May–Sept.; elevation less than 1,400 feet. Many occurrences extirpated in San Diego County.
<i>Bahiopsis</i> [= <i>Viguiera</i>] <i>laciniata</i> San Diego County viguiera	--	4.2	-	Shrub; chaparral, coastal sage scrub; blooms Feb.–June; elevation less than 2,500 feet.
<i>Deinandra</i> [= <i>Hemizonia</i>] <i>conjugens</i> Otay tarplant	CE/FT	1B.1	NE, MSCP	Annual herb; coastal sage scrub, valley and foothill grassland, clay soils; blooms May–June, elevation less than 1,000 feet.
<i>Isocoma menziesii</i> var. <i>menziesii</i> [=var. <i>decumbens</i>] Decumbent goldenbush	--	1B.2	-	Shrub; chaparral, coastal sage scrub, sandy soils, often in disturbed areas; blooms April–Nov.; elevation less than 500 feet.
CACTACEAE	CACTUS FAMILY			
<i>Bergerocactus emoryi</i> Golden-spined cereus	--	2.2	-	Succulent; closed-cone coniferous forest, chaparral, coastal sage scrub, sandy; blooms May–June; elevation less than 1,300 feet.
<i>Cylindropuntia</i> [= <i>Opuntia</i>] <i>californica</i> var. <i>californica</i> Snake cholla	--	1B.1	NE, MSCP	Succulent shrub; chaparral, coastal sage scrub; blooms April–May; elevation 100–500 feet.
<i>Ferocactus viridescens</i> San Diego barrel cactus	--	2.1	MSCP	Succulent; chaparral, coastal sage scrub, valley and foothill grassland, vernal pools; blooms May–June; elevation less than 1,500 feet.

TABLE 3
SENSITIVE PLANT SPECIES KNOWN OR WITH THE POTENTIAL TO OCCUR IN THE CPU AREA
(continued)

Species	State/ Federal Status	CNPS Rare Plant Ranking	City of San Diego	Habitat/Blooming Period
CRASSULACEAE	STONECROP FAMILY			
<i>Dudleya variegata</i> Variegated dudleya	--	1B.2	NE, MSCP	Perennial herb; openings in chaparral, coastal sage scrub, grasslands, vernal pools; blooms May–June; elevation less than 2,000 feet.
EUPHORBIACEAE	SPURGE FAMILY			
<i>Euphorbia misera</i> Cliff spurge	--	2.2	–	Shrub; coastal sage scrub, maritime succulent scrub, coastal bluff scrub; blooms Dec.–Aug.; elevation less than 2,000 feet.
FAGACEAE	OAK FAMILY			
<i>Quercus dumosa</i> Nuttall's scrub oak	--	1B.1	–	Evergreen shrub; closed-cone coniferous forest, coastal chaparral, coastal sage scrub, sandy and clay loam soils; blooms Feb.–March; elevation less than 1,300 feet.
LAMIACEAE	MINT FAMILY			
<i>Acanthomintha ilicifolia</i> San Diego thornmint	CE/FT	1B.1	NE, MSCP	Annual herb; chaparral, coastal sage scrub, and grasslands on friable or broken clay soils; blooms April–June; elevation less than 3,100 feet.
<i>Pogogyne nudiuscula</i> Otay mesa mint	CE/FE	1B.1	¹	Annual herb; vernal pools; blooms May–July; elevation 300–800 feet. Known from six occurrences in Otay Mesa.
POLEMONIACEAE	PHLOX FAMILY			
<i>Navarretia fossalis</i> Spreading navarretia	--/FT	1B.1	¹	Annual herb; vernal pools, marshes and swamps, chenopod scrub; blooms April–June; elevation 100–4,300 feet.
RANUNCULACEAE	BUTTERCUP FAMILY			
<i>Myosurus minimus</i> ssp. <i>apus</i> Little mousetail	--	3.1	–	Annual herb; vernal pools, perennial grasslands; blooms March–June; elevation 70–2,100 feet.
RHAMNACEAE	BUCKTHORN FAMILY			
<i>Adolphia californica</i> California adolphia	--	2.1	–	Deciduous shrub; Diegan coastal sage scrub and chaparral; clay soils; blooms Dec.–May; elevation 100–1,000 feet.
ROSACEAE	ROSE FAMILY			
<i>Rosa minutifolia</i> Small-leaved rose	CE/--	2.1	MSCP	Shrub; coastal sage scrub; blooms Jan.–June; elevation 500–550 feet. Known in California from only one occurrence on Otay Mesa, this occurrence now part of a translocation program on Otay Mesa.
SCROPHULARIACEAE	FIGWORT FAMILY			
<i>Cordylanthus orcuttianus</i> Orcutt's bird's-beak	--	2.1	MSCP	Annual herb; coastal sage scrub; blooms March–Sept.; elevation less than 1,200 feet.

TABLE 3
SENSITIVE PLANT SPECIES KNOWN OR WITH THE POTENTIAL TO OCCUR IN THE CPU AREA
(continued)

Species	State/ Federal Status	CNPS Rare Plant Ranking	City of San Diego	Habitat/Blooming Period
ANGIOSPERMS: MONOCOTS				
POACEAE	GRASS FAMILY			
<i>Orcuttia californica</i> California Orcutt grass	CE/FE	1B.1	¹	Annual herb; vernal pools; blooms April–August; elevation 50–2,200 feet.
THEMIDACEAE				
<i>Bloomeria [=Muilla] clevelandii</i> San Diego goldenstar	–/–	2.1	MSCP	Perennial herb (bulbiferous); chaparral, coastal sage scrub, valley and foothill grassland, vernal pools, clay soils; blooms May; elevation 170–1,500 feet.
<i>Brodiaea orcuttii</i> Orcutt’s brodiaea	–/–	1B.1	MSCP	Perennial herb (bulbiferous); closed cone coniferous forest, chaparral, meadows and seeps, valley and foothill grassland, vernal pools, mesic, clay soil; blooms May–July; elevation less than 5,300 feet.

¹The City of San Diego relinquished take authority for the seven vernal pool species under the Brewster decision, including San Diego button celery, Otay mesa mint, spreading navarretia, and California Orcutt grass.

FEDERAL CANDIDATES AND LISTED PLANTS

FE = Federally listed endangered
 FT = Federally listed threatened

STATE LISTED PLANTS

CE = State listed endangered

CITY OF SAN DIEGO

NE = Narrow endemic
 MSCP = Multiple Species Conservation Program covered species

CALIFORNIA NATIVE PLANT SOCIETY RARE PLANT RANKINGS

- 1B = Species rare, threatened, or endangered in California and elsewhere. These species are eligible for state listing.
- 2 = Species rare, threatened, or endangered in California but more common elsewhere. These species are eligible for state listing.
- 3 = Species for which more information is needed. Distribution, endangerment, and/or taxonomic information is needed.
- 4 = A watch list of species of limited distribution. These species need to be monitored for changes in the status of their populations.
- .1 = Species seriously threatened in California (over 80% of occurrences threatened; high degree and immediacy of threat)
- .2 = Species fairly threatened in California (20-80% occurrences threatened; moderate degree and immediacy of threat)
- .3 = Species not very threatened in California (<20% of occurrences threatened; low degree and immediacy of threat or no current threats known)

2001). This species is known to occur within one mile of the CPU area and is likely to occur on-site (State of California 2012a). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

Snake cholla (*Cylindropuntia* [= *Opuntia*] *californica* var. *californica*). Snake cholla is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). It is a generally prostrate cactus (Cactaceae family) that may grow up to 9 feet and blooms with yellow or green-yellow flowers in April and May. This variety grows only in southern San Diego County and Baja California, with the northernmost known location in Florida Canyon in Balboa Park (Reiser 2001). Snake cholla occurs in coastal sage scrub and chaparral habitats between 100 and 500 feet elevation (CNPS 2012), most often on dry hillsides. It is associated with Huerhuero loam, Gaviota fine sandy loam, and Redding cobbly loam soils (Reiser 2001). This variety can be distinguished from *C. californica* var. *parkeri* by its range, prostrate form and shorter tubercle and longer central spine (Reiser 2001). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

Otay tarplant (*Deinandra* [= *Hemizonia*] *conjugens*). Otay tarplant is listed as a California endangered species and a federally threatened species (State of California 2012b). It is considered a narrow endemic species under the MCSP and has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997; CNPS 2012). This small, aromatic annual herb in the sunflower family (Asteraceae) produces mostly solitary yellow flowerheads in May and June (Munz 1974, CNPS 2012). It ranges from southwestern San Diego County into Baja California, in open coastal sage scrub and grassland habitats below 1000 feet (CNPS 2012). It typically occurs in herbaceous plant communities on slopes and mesas with expansive clay soils, and may occur in non-native grasslands and fallow agricultural fields where clay soils are present (Reiser 2001). It can be distinguished from the common golden tarplant (*H. fasciculata*) by its flowers, which have eight to ten rays and 13 to 21 disks (Hickman 1993). Otay tarplant is considered to be declining. Residential and commercial development and highway construction have led to this decline (CNPS 2012). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), Alden (2012), RECON (2004), and City of San Diego (2003).

Orcutt's bird's-beak (*Dicranostegia* [= *Cordylanthus*] *orcuttianus*). Orcutt's bird's-beak is covered under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (Rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). This semi-parasitic annual in the broomrape family (Orobanchaceae) flowers from March to July. Its range extends from southern San Diego County into Baja California. Its habitat is coastal scrub

below 1,000 feet elevation (Hickman 1993, CNPS 2012), although Reiser (2001) considers seasonally dry drainages and upland adjacent to riparian habitat as its preferred habitat. The largest United States population is located in the Otay River drainage. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

Variegated dudleya (*Dudleya variegata*) Variegated dudleya is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.2 (rare, threatened, or endangered in California and elsewhere; fairly endangered in California) (City of San Diego 1997, CNPS 2012). This small succulent perennial in the stonecrop family (Crassulaceae) emerges from a corm in spring and produces yellow flowers in May and June. Its range extends from southwestern San Diego County to Baja California. It occurs in coastal sage scrub, grassland and chaparral habitats below 500 feet. It usually grows in stony places lacking shrub cover, on isolated rocky substrate in grasslands, and on mima mounds near vernal pools. It often occurs on gravelly loam soils (Reiser 2001). Although the largest populations are known from Otay Mesa, it has been reported as far north as Black Mountain Road (State of California 2012a). This species can be distinguished from many-stemmed dudleya (*D. multicaulis*) by its spoon-shaped, rather than linear, leaves and from Blochman's dudleya (*D. blochmaniae* ssp. *blochmaniae*) by its yellow, rather than white flowers. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), Alden (2012), and PBS&J (2004).

San Diego button-celery (*Eryngium aristulatum* var. *parishii*). San Diego button-celery is federally and state listed as endangered (State of California 2012b). It has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (CNPS 2012). San Diego button-celery is a low-growing emergent aquatic in the carrot family (Apiaceae) that can be either an annual or perennial plant, with heads of greenish flowers between March and July. San Diego button-celery is limited to vernal pools in coastal sage scrub and grassland habitats. Its current range extends from Marine Corps Base Camp Pendleton in northern San Diego County through San Diego County into Baja California. The appearance of the plant can differ from an erect plant with bright green leaves emerging from shallow pools in the spring to a spiny, prostrate, gray-green plant during flowering and fruiting. San Diego button-celery is considered to be declining due to loss or conversion of habitat. More than half of the 80 known occurrences of this species have been extirpated (CNPS 2012). Information regarding the occurrence of this species is from the AECOM (2012), Alden (2012), and PBS&J (2004).

San Diego barrel cactus (*Ferocactus viridescens*). San Diego barrel cactus is a covered species under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). This globular succulent

in the cactus family (Cactaceae) grows to one foot tall and flowers in May and June. It is found only in coastal San Diego County and Baja California, Mexico. Although found as far north as Oceanside coastally and Poway inland, the largest populations of San Diego barrel cactus occur in Otay Mesa and Otay Valley, Point Loma, and Marine Corps Air Station Miramar (Reiser 2001). This species occurs in sandy and rocky areas in coastal sage scrub and grassland habitats below 500 feet elevation (Hickman 1993; Munz 1974). It is the only barrel cactus found in coastal areas. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

Spreading navarretia (*Navarretia fossalis*). Spreading navarretia is federally listed as threatened (State of California 2012b). It has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (CNPS 2012). This low-growing annual herb in the phlox family (Polemoniaceae) grows about five inches tall and flowers from April to June. Its range includes northwestern Los Angeles County, western Riverside County, coastal San Diego County, and northwestern Baja California (USFWS 1998); it is presumed extirpated from San Luis Obispo County (CNPS 2012). This species occurs in vernal pools and ditches below 4,300 feet (Hickman 1993). Numbers of prostrate navarretia increase during wet years, and this species is seldom noted in shallow vernal pools. Two other species of navarretia occur in similar habitats: *N. intertexta* has ovate, rather than linear, corolla lobes and *N. prostrata* is prostrate, with its bluish flowers almost buried in its basal leaves. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), AECOM (2012), PBS&J (2004), and City of San Diego (2003).

California Orcutt grass (*Orcuttia californica* var. *orcuttia*). California Orcutt grass is a state and federally endangered species (State of California 2012b). It has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (CNPS 2012). This prostrate, sticky, bright green annual grass (Poaceae family) grows about four inches tall and flowers in May and June (USFWS 1993). Populations are known from Ventura, Los Angeles, Riverside, and San Diego Counties, and Baja California. This species is known to occur within eight pool complexes in Otay Mesa. (AECOM 2012). California Orcutt grass grows in vernal pools below 2,100 feet elevation, preferring deeper pools (USFWS 1993). Information regarding the occurrence of this species is from the AECOM (2012), CNDDDB (State of California 2012a) and PBS&J (2004).

Otay mesa mint (*Pogogyne nudiuscula*). Otay mesa mint is state and federally listed as endangered (State of California 2012b). It has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). This aromatic annual herb in the mint family (Lamiaceae) may grow one foot tall and produces bright purple flowers in May

and June (Munz 1974). Historical populations were believed to occur at 10 locations in San Diego County, including University Heights, Balboa Park, and Mission Valley. However, it was later determined that these populations were San Diego mesa mint. Currently, Otay mesa mint is known to occur in 398 vernal pools in seven vernal pool complexes in Otay Mesa (Cavallaro et al. 2012). Otay mesa mint occurs in vernal pools in grassland and chamise chaparral habitat with mima mound topography, usually on Stockpen gravelly clay loam soil. Otay mesa mint can be distinguished from the related San Diego mesa mint by its straighter, stouter stems, lack of hairs (generally) and wider (4 to 8 inches) inflorescence (Hickman 1993). Otay mesa mint is considered to be declining due to urbanization, livestock grazing, agricultural conversion, vehicles, invasive species, and trash dumping (CNPS 2012). Information regarding the occurrence of this species is from AECOM (2012), Alden (2012), PBS&J (2004), and City of San Diego (2003).

Small-leaved rose (*Rosa minutifolia*). Small-leaved rose is state listed as endangered (State of California 2012b). It is covered under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). This dense, thorny shrub in the rose family (Rosaceae) grows one to three feet tall and produces pinkish flowers from January to June (Hickman 1993, Wiggins 1980). Small-leaved rose is found in Baja California and San Diego County. Its range is mostly in Baja California, from near Ensenada south and east to Misión de San Fernando, with a single disjunct occurrence on Otay Mesa. These plants were removed to allow construction of a residential development and cuttings were taken and transplanted into a nearby reserve (Reiser 2001). The habitat of small-leaved rose is generally chaparral below 500 feet elevation (Hickman 1993) on mesas, hillsides and arroyos within a few miles of the coast (Wiggins 1980), but the United States population had been found on the edge of north-facing Diegan coastal sage scrub (Reiser 2001). Small-leaved rose can be distinguished from all other members of the genus *Rosa* by its leaflets, which are less than 0.4 inches long and have toothed edges that extend halfway to the leaflet base (Hickman 1993). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

3.3.2.2 Other Sensitive Species

California adolphia (*Adolphia californica*). California adolphia has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (CNPS 2012). This small shrub in the buckthorn family (Rhamnaceae) flowers from December to April and loses its leaves in late summer and fall. Its spiny stems are identifiable at close range year-round, however. This species generally occurs in Diegan coastal sage scrub, near the edge of chaparral, particularly in dry canyons or washes. It is associated with San Miguel and Friant soils (Reiser 2001). Its range is limited to San Diego County and northern Baja

California, Mexico at elevations below 1,000 feet. In San Diego County, it is found from the Carlsbad area south into the Proctor Valley and the Otay area (Beauchamp 1986). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

San Diego bur-sage (*Ambrosia chenopodiifolia*). San Diego bur-sage has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (CNPS 2012). This perennial shrub in the sunflower family (Asteraceae) has hairy grayish leaves and flowers from April to June. Its range is restricted to extreme southern San Diego County, near Otay Mesa, and northern Baja California, Mexico. It is generally found in dry, fairly open, Diegan coastal sage scrub vegetation below 600 feet elevation, where it often grows in association with low-growing California sagebrush and black sage (*Salvia mellifera*). It has been found on Olivenhain cobbly loam soil (Reiser 2001). Information regarding the occurrence of this species is from the Alden (2012), CNDDDB (State of California 2012a) and PBS&J (2004).

South coast saltbush (*Atriplex pacifica*). South coast saltbush has a CNPS Rare Plant Ranking of 1B.2 (rare, threatened, or endangered in California and elsewhere; fairly endangered in California) (CNPS 2012). This annual herb in the goosefoot family (Chenopodiaceae) flowers from March through October. Typically it is found in open Diegan coastal sage scrub dominated by California sagebrush and may occur in mildly disturbed areas (Reiser 2001). It ranges from Orange County to Sonora, Mexico, with known occurrences on San Clemente and Santa Catalina islands. Information regarding the occurrence of this species is from Reiser (2001).

San Diego County viguiera (*Bahiopsis [=Viguiera] laciniata*). San Diego County viguiera has a CNPS Rare Plant Ranking of 4.2 (uncommon in California; fairly endangered in California) (CNPS 2012). San Diego County viguiera is a shrub in the Composite Family (Asteraceae) that is restricted to San Diego County and northern Baja California and Sonora, Mexico. This shrub may reach five feet in height and flowers between February and June. It is a dominant shrub in coastal sage scrub in inland southern San Diego County, and is known from hundreds of locations. It may also occur in chaparral below 2,500 feet. Information regarding the occurrence of this species is from Alden (2012) and PBS&J (2004).

Golden-spined cereus (*Bergerocactus emoryi*). Golden-spined cereus has a CNPS Rare Plant Ranking of 2.2 (Rare, threatened, or endangered in California, but more common elsewhere; fairly endangered in California) (CNPS 2012). This low-growing cactus (Cactaceae) has cylindrical stems and flowers in May and June. Its distribution extends from San Clemente and Santa Catalina Islands into San Diego County and south to approximately El Rosario, Baja California, Mexico (Bensen 1969). In San Diego County it is limited to coastal sage and maritime succulent scrub habitats near the coast from Torrey Pines State Park south to the Mexican border (Beauchamp 1986).

Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

Cliff spurge (*Euphorbia misera*). Cliff spurge has a CNPS Rare Plant Ranking of 2.2 (rare, threatened, or endangered in California, but more common elsewhere; fairly endangered in California) (CNPS 2012). Cliff spurge is a shrub in the spurge family (Euphorbiaceae) that grows to about three feet tall and may flower from December to August. It is found coastally from Orange County south to Baja California and in the Channel Islands, with a disjunct population in the Sonoran desert near Whitewater, Riverside County. It typically occurs in coastal bluff scrub or maritime succulent scrub below 1,700 feet (CNPS 2012). The largest populations in San Diego County are found on Point Loma and Otay Mesa, with occurrences as far north as Carlsbad (Reiser 2001). Soil series associated with this species include Olivenhain cobbly loam and Gaviota fine sandy loam (Reiser 2001). This spiny, low-growing shrub with brittle branches is readily recognizable year-round. Information regarding the occurrence of this species is from the Alden (2012), CNDDDB (State of California 2012a) and PBS&J (2004).

Decumbent goldenbush (*Isocoma menzezii* var. *decumbens*). Decumbent goldenbush has a CNPS Rare Plant Ranking of 1B.2 (rare, threatened, or endangered in California and elsewhere; fairly endangered in California) (CNPS 2012). This shrub is a member of the Asteraceae family that blooms from April through November. It ranges from Orange County to Baja California, Mexico, with known occurrences on San Clemente and Santa Catalina islands. Decumbent goldenbush occurs in chaparral and coastal scrub habitats, often preferring sandy substrate and disturbed areas at elevations from 30 to 400 feet AMSL. Information regarding the occurrence of this species is from PBS&J (2004) and Alden (2012).

Little mousetail (*Myosurus minimus* ssp. *apus*). Little mousetail has a CNPS Rare Plant Ranking of 3.1 (Needs review; seriously endangered in California) (CNPS 2012). This tiny annual in the crowfoot family (Ranunculaceae) grows about two inches tall and flowers in April and May. This plant ranges from Oregon to Baja California, with populations known from Riverside, San Bernardino and San Diego Counties in southern California (CNPS 2012). The general habitat for little mousetail is limited to vernal pools and grasslands on alkaline soils at elevations below 2,100 feet. In San Diego County, little mousetail grows in the deeper parts of vernal pools, sprouting immediately after the surface water has evaporated (Reiser 2001). Little mousetail is not considered a separate variety by the Jepson Manual (Hickman 1993), but is included together with *M. m.* var. *filiformis*, which had formerly been distinguished by its longer fruiting spikes, that extended beyond the leaves (Munz 1974). Both varieties occur in vernal pools in San Diego County, with little mousetail reported from the southern part of the County (National City, Proctor Valley, and Otay Mesa) and var. *filiformis* occurring from east San Diego, Kearny Mesa, Ramona, and Corte Madera (Beauchamp 1986). Information

regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

Nuttall's scrub oak (*Quercus dumosa*). Nuttall's scrub oak has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (CNPS 2012). This evergreen shrub in the oak family (Fagaceae) grows less than ten feet tall and blooms from February to April. This species is found near the coast in Santa Barbara, Orange, and San Diego Counties, and in Baja California, Mexico at elevations below 1,300 feet. It grows in chaparral, coastal sage scrub, and closed-cone coniferous forest habitats (CNPS 2012), preferring coastal chaparral with a relatively open canopy in flat areas, but growing in dense stands on north-facing slopes (Reiser 2001). In San Diego County it is known to grow as far inland as Camp Elliot and Otay Mesa (Reiser 2001), being replaced by the similar scrub oak (*Q. berberidifolia*) in higher, drier locations (Hickman 1993). Nuttall's scrub oaks can be distinguished from the scrub oak, with which it may hybridize, by its acorn, which is less than 0.4 inch wide, moderately tubercled, with a thin cup (Hickman 1993), and by its leaves, which tend to be smaller, spinier, and more undulated (Reiser 2001) and have densely matted gray hairs (Roberts 1995). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

3.3.3 Sensitive Wildlife Species

The sensitive species below are known from the CPU area based on information obtained from the literature review. Sources include, but are not limited to, the CNDDDB (State of California 2012a) and the Draft Year 4 Annual Report for Denney Canyon Vernal Pool, Coastal Sage Scrub, and Mule Fat Scrub Restoration and Preservation Plan (RECON 2004), along with other sources listed in Attachment 2. Precise locations of sensitive wildlife species would be identified through on-site reconnaissance in conjunction with future projects. Table 4 lists the sensitive wildlife known to occur in the CPU area.

3.1.3.1 Sensitive Invertebrates

Quino checkerspot butterfly (*Euphydryas editha quino*). The Quino checkerspot butterfly is federally listed as endangered (State of California 2011a). The Quino checkerspot butterfly's historic range includes the coastal plain and inland valleys of southern California from the Santa Monica Mountains south to northern Baja California. Currently, the species is known from southern San Diego County and southwestern Riverside County. Quino checkerspot butterflies occur at several locations on Otay Mesa and Jacumba in San Diego and near Murrieta and Temecula and eastward to Hemet and Anza in Riverside (USFWS 1997a). The distribution of Quino checkerspot butterflies is primarily defined by the distribution of its principal host plant, dot-seed plantain (*Plantago erecta*). Female Quino checkerspot butterflies have also been

TABLE 4
SENSITIVE WILDLIFE SPECIES KNOWN TO OCCUR IN THE CPU AREA

Species	Status	Habitat/Comments
INVERTEBRATES		
ANOSTRACANS – Fairy Shrimp (Nomenclature from Eriksen and Belk 1999)		
San Diego fairy shrimp <i>Branchinecta sandiegonensis</i>	FE, ¹ , MSCP, *	Vernal pools.
Riverside fairy shrimp <i>Streptocephalus woottoni</i>	FE, ¹ , MSCP, *	Vernal pools, generally with a minimum depth of 30 centimeters.
NYMPHALIDAE – Brush-footed butterflies (Nomenclature from Mattoni 1990 and Opler and Wright 1999)		
Quino checkerspot butterfly <i>Euphydryas editha quino</i>	FE	Open, dry areas in foothills, mesas, lake margins. Larval host plant <i>Plantago erecta</i> . Adult emergence mid-January through April.
AMPHIBIANS (Nomenclature from Crother 2001 and Crother et al. 2003)		
PELOBATIDAE – Spadefoot Toads		
Western spadefoot <i>Spea hammondi</i>	CSC, *	Vernal pools, floodplains, and alkali flats within areas of open vegetation.
REPTILES (Nomenclature from Crother 2001 and Crother et al. 2003)		
TEIIDAE – Whiptail Lizards		
Belding's orange-throated whiptail <i>Aspidoscelis [=Cnemidophorus] hyperythra beldingi</i>	CSC, MSCP, *	Chaparral, coastal sage scrub with coarse sandy soils and scattered brush.
SCINCIDAE – Skinks		
Coronado skink <i>Eumeces skiltonianus interparietalis</i>	CSC	Grasslands, open woodlands and forest, broken chaparral. Rocky habitats near streams.
IGUANIDAE – Iguanid lizards		
San Diego horned lizard <i>Phrynosoma coronatum</i> (San Diego/blainvillii population)	CSC, MSCP	Chaparral, coastal sage scrub with fine, loose soil. Partially dependent on harvester ants for forage.
CROTALIDAE – Rattlesnakes		
Red diamond rattlesnake <i>Crotalus ruber</i>	CSC	Desert scrub and riparian, coastal sage scrub, open chaparral, grassland, and agricultural fields.
COLUBRIDAE – Colubrid Snakes		
Two-striped gartersnake <i>Thamnophis hammondi</i>	CSC, *	Permanent freshwater streams with rocky bottoms. Mesic areas.

TABLE 4
SENSITIVE WILDLIFE SPECIES KNOWN TO OCCUR IN THE CPU AREA
(continued)

Species	Status	Habitat/Comments
BIRDS (Nomenclature from American Ornithologists' Union 1998 and 2005 and Unitt 2004)		
ARDEIDAE – Herons and Bitterns		
Great egret (rookery site) <i>Ardea alba egretta</i>	*	Lagoons, bays, estuaries. Ponds and lakes in the coastal lowland. Winter visitor, uncommon in summer.
Black-crowned night heron (rookery site) <i>Nycticorax nycticorax hoactli</i>	*	Lagoons, estuaries, bayshores, ponds, and lakes. Often roost in trees. Year-round visitor. Localized breeding.
ACCIPITRIDAE – Hawks, Kites, and Eagles		
White-tailed kite (nesting) <i>Elanus leucurus majusculus</i>	CFP	Nest in riparian woodland, oaks, sycamores. Forage in open, grassy areas. Year-round resident.
Northern harrier (nesting) <i>Circus cyaneus hudsonius</i>	CSC, MSCP, *	Coastal lowland, marshes, grassland, agricultural fields. Migrant and winter resident, rare summer resident.
Cooper's hawk (nesting) <i>Accipiter cooperi</i>	MSCP, *	Mature forest, open woodlands, wood edges, river groves. Parks and residential areas. Year-round resident.
Golden eagle (nesting and wintering) <i>Aquila chrysaetos</i>	CFP, BEPA, CSC, BCC, MSCP, *	Require vast foraging areas in grassland, broken chaparral, or sage scrub. Nest in cliffs and trees. Uncommon resident.
FALCONIDAE – Falcons and Caracaras		
Prairie falcon (nesting) <i>Falco mexicanus</i>	*	Grassland, agricultural fields, desert scrub. Uncommon migrant and winter visitor.
STRIGIDAE – Typical Owls		
Western burrowing owl (burrow sites) <i>Athene cunicularia hypugaea</i>	CSC, MSCP, BCC, *	Grassland, agricultural land, coastal dunes. Require rodent burrows. Resident of the coastal lowland and agricultural areas of Imperial County.
LANIIDAE – Shrikes		
Loggerhead shrike <i>Lanius ludovicianus</i>	CSC, BCC, *	Open foraging areas near scattered bushes and low trees; agriculture, desert wash/scrub, grassland. Fairly common resident.
VIREONIDAE - Vireos		
Least Bell's vireo (nesting) <i>Vireo bellii pusillus</i>	FE, SE, MSCP, BCC, *	Willow riparian woodlands. Migrant and summer resident.
ALAUDIDAE - Larks		
California horned lark <i>Eremophila alpestris actia</i>	*	Sandy shores, mesas, disturbed areas, grasslands, agricultural lands, sparse creosote bush scrub. Common breeding resident, abundant migrant and winter visitor.

TABLE 4
SENSITIVE WILDLIFE SPECIES KNOWN TO OCCUR IN THE CPU AREA
(continued)

Species	Status	Habitat/Comments
TROGLODYTIDAE – Wrens		
Coastal cactus wren <i>Campylorhynchus brunneicapillus</i>	CSC, MSCP, *	Maritime succulent scrub, coastal sage scrub and desert scrub with <i>Opuntia</i> thickets. Rare localized resident.
SYLVIIDAE – Gnatcatchers		
Coastal California gnatcatcher <i>Poliophtila californica californica</i>	FT, CSC, MSCP, *	Coastal sage scrub, maritime succulent scrub. Resident.
PARULIDAE – Wood Warblers		
Yellow-breasted chat (nesting) <i>Icteria virens auricollis</i>	CSC, *	Breeding restricted to dense riparian woodland. Localized summer resident.
EMBERIZIDAE – Emberizids		
Southern California rufous-crowned sparrow <i>Aimophila ruficeps canescens</i>	MSCP, *	Coastal sage scrub, chaparral, grassland; favors steep and rocky areas. Localized resident.
Grasshopper sparrow (nesting) <i>Ammodramus savannarum perpallidus</i>	*	Tall grass areas. Localized summer resident, rare in winter.
MAMMALS (Nomenclature from Baker et al. 2003 and Hall 1981)		
LEPORIDAE – Rabbits and Hares		
San Diego black-tailed jackrabbit <i>Lepus californicus bennettii</i>	CSC, *	Open areas of scrub, grasslands, agricultural fields.
HETEROMYIDAE – Pocket Mice and Kangaroo Rats		
Northwestern San Diego pocket mouse <i>Chaetodipus fallax fallax</i>	CSC, *	San Diego County west of mountains in sparse, disturbed coastal sage scrub or grasslands with sandy soils.
CRICETIDAE – New World Mice and Rats		
San Diego desert woodrat <i>Neotoma lepida intermedia</i>	CSC, *	Coastal sage scrub and chaparral.

¹The City of San Diego relinquished federal coverage for the seven vernal pool species, including San Diego and Riverside fairy shrimp. The City of San Diego still retains State coverage for these seven vernal pool species.

TABLE 4
SENSITIVE WILDLIFE SPECIES KNOWN TO OCCUR IN THE CPU AREA
(continued)

STATUS CODES

Listed/Proposed

- FE = Listed as endangered by the federal government
FT = Listed as threatened by the federal government
SE = Listed as endangered by the State of California

Other

- BCC = U.S. Fish and Wildlife Service Birds of Conservation Concern species
BEPA = Bald and Golden Eagle Protection Act
CFP = California fully protected species
CSC = California Department of Fish and Game species of special concern
MSCP = Multiple Species Conservation Program covered species
* = Taxa listed with an asterisk fall into one or more of the following categories:
- Taxa considered endangered or rare under Section 15380(d) of CEQA guidelines
 - Taxa that are biologically rare, very restricted in distribution, or declining throughout their range
 - Population(s) in California that may be peripheral to the major portion of a taxon's range, but which are threatened with extirpation within California
 - Taxa closely associated with a habitat that is declining in California at an alarming rate (e.g., wetlands, riparian, old growth forests, desert aquatic systems, native grasslands)

observed depositing eggs on woolly plantain (*Plantago patagonia*), white snapdragon (*Antirrhinum coulterianum*), and thread-leaved bird's beak (*Cordylanthus rigidus*) (USFWS 2002b). It is possible that members of the figwort family (Scrophulariaceae), including purple owl's clover (*Castilleja exserta*), are also used (Brown 1991; Mattoni et al. 1997). Threats to this species include habitat loss, fragmentation, and habitat type conversion. In April 2002, the USFWS designated critical habitat for the Quino checkerspot butterfly in portions of San Diego and Riverside Counties (USFWS 2002b). A portion of the designated critical habitat for the Quino checkerspot butterfly occurs within the CPU area (Figure 6). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), Alden (2012), and RECON (2004).

Riverside fairy shrimp. The Riverside fairy shrimp is federally listed as endangered and is an MSCP covered species (City of San Diego 1997, State of California 2011a). This species occurs in vernal pools, pool-like ephemeral ponds, and human-modified depressions from Orange, San Diego, and western Riverside Counties south to into Baja California, Mexico, and has the most restricted range of any fairy shrimp found in California (USFWS 1993; Eng et al. 1990). They are known to occur within 215 vernal pools in 11 vernal pool complexes in Otay Mesa (AECOM 2012). Riverside fairy shrimp are typically found in pools that are greater than 30 centimeters deep. Riverside fairy shrimp can require over 21 days of inundation to emerge. The species hatches in 7 to 12 days and develops to the adult stage in 48 to 56 days, depending on water temperature. The primary threats to this species are habitat destruction and fragmentation, alterations of wetland hydrology, off-road activity, and grazing. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), AECOM (2012), RECON (2004), Alden (2012), and PBS&J (2004).

San Diego fairy shrimp. The San Diego fairy shrimp is federally listed as endangered and is an MSCP covered species (City of San Diego 1997; State of California 2011a). This fairy shrimp occurs in limited populations in Santa Barbara and Orange Counties and in San Diego County from San Marcos and Ramona south to Otay Mesa and into northwestern Baja California, Mexico, at Valle de Las Palmas (USFWS 1997b). The majority of San Diego fairy shrimp populations are located San Diego County. San Diego fairy shrimp are known to occur within 512 vernal pools in Otay Mesa (AECOM 2012). San Diego fairy shrimp are restricted to vernal pools and prefer cool water temperatures. This species can also be found in ditches and road ruts that are located in degraded vernal pool habitat. Fairy shrimp remain dormant in cysts until pools fill during the rainy season. Nauplii emerge from cysts and develop into adults sometime between mid-December and early May (Eriksen and Belk 1999). Development takes between 10 to 20 days and is dependent on water temperature. Primary threats to this species are habitat destruction and fragmentation, alterations of wetland hydrology, off-road vehicle activity, and grazing (USFWS 1997b). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), RECON (2004), Alden (2012), and PBS&J (2004).

3.1.3.2 Sensitive Amphibians

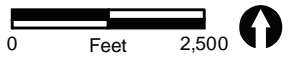
Western spadefoot (*Spea hammondi*). The western spadefoot is a CDFW species of special concern (State of California 2011b). This species ranges from central northern California through the Coast Ranges from San Francisco and south into Baja California, Mexico, at elevations from sea level to 4,500 feet (Stebbins 1985; Zeiner et al. 1988). Habitat for the western spadefoot includes lowlands, washes, floodplains of rivers, alluvial fans, alkali flats, temporary ponds, and vernal pools. Although this species is generally found in areas of open vegetation with sandy or gravelly soil (Stebbins 1985), it has been observed in vernal pools containing clay soils on Otay Mesa (RECON 2004). Surface activity can occur from October through April depending on rainfall, and oviposition occurs between late February and May (Jennings and Hayes 1994). The western spadefoot diet consists of crickets, butterflies, ants, flies, and earthworms (Morey and Gullin, as cited in Jennings and Hayes 1994). Decline in western spadefoot populations is primarily due to habitat loss and fragmentation and possibly pesticide use. Information regarding the occurrence of this species is from RECON (2004) and Alden (2012).

3.1.3.3 Sensitive Reptiles

a. MSCP Covered Species

Belding's orange-throated whiptail (*Aspidoscelis [=Cnemidophorus] hyperythrus beldingi*). Belding's orange-throated whiptail is an MSCP covered species and a CDFW species of special concern (City of San Diego 1997, State of California 2011b). This lizard occurs from southwestern San Bernardino County south into Baja California at elevations from sea level to 3,500 feet. Belding's orange-throated whiptail frequents areas of open coastal sage scrub, chaparral, and streamside growth with loose sandy soils (Stebbins 1985). Belding's orange-throated whiptail typically hibernates during winter, emerging in February or March, but can be active year-round providing temperatures are warm (Jennings and Hayes 1994). Breeding occurs from May through July. Belding's orange-throated whiptails feed primarily on insects such as termites (*Reticulitermes* spp.). The decline of this species is attributed to the loss of coastal sage scrub in southern California. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

San Diego horned lizard (*Phrynosoma coronatum blainvillii*). The San Diego horned lizard is an MSCP covered species and a CDFW species of special concern (City of San Diego 1997, State of California 2011b). This lizard ranges from coastal southern California to the desert foothills and into Baja California. In San Diego County, it has a wide range but spotty distribution. It is often associated with coastal sage scrub, especially areas of level to gently sloping ground, with well-drained loose or sandy soil, but can also be found in annual grasslands, chaparral, oak woodland, riparian



- Otay Mesa Community Plan Boundary
- Not A Part
- USFWS Critical Habitat for the Quino Checkerspot Butterfly

FIGURE 6
 Location of Designated Critical Habitat
 for the Quino Checkerspot Butterfly
 within the Otay Mesa Community Plan Boundary

THIS PAGE IS INTENTIONALLY BLANK.

woodland, and coniferous forest (Mills 1991, Jennings and Hayes 1994). This animal usually avoids dense vegetation, preferring 20 to 40 percent bare ground in its habitat. Where it can be found, the San Diego horned lizard can be locally abundant, with densities up to 20 adults per acre. Adults are active from late March to late August; young are active from August to November or December. They are largely dependent upon native harvester ants (*Pogonomyrmex* spp.) for food. Populations along the coast and inland have been severely reduced by loss of habitat. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

b. Other Sensitive Species

Coronado skink (*Eumeces skiltonianus interparietalis*). The Coronado skink is a CDFW species of special concern (State of California 2011b). The Coronado skink ranges from central Riverside County south to Baja California, Mexico (Jennings and Hayes 1994). In San Diego County, the Coronado skink is found in a variety of plant communities including grassland, open woodland, forest, and broken chaparral habitats and is often associated with mesic areas. The Coronado skink is diurnal and most active from early spring until fall; breeding occurs in June or July (Zweifel 1952; Jennings and Hayes 1994). The diet of the Coronado skink consists of moths, beetles, crickets, grasshoppers, and leafhoppers. This species is threatened by habitat loss and fragmentation resulting from urbanization and agriculture. Information regarding the occurrence of this species is from RECON (2004).

Two-striped garter snake (*Thamnophis hammondi*). The two-striped garter snake is a CDFW species of special concern (State of California 2011b). The two-striped garter snake ranges from San Luis Obispo County south to El Rosario in Baja California, Mexico, from sea level to 8,000 feet (Jennings and Hayes 1994). They are normally found in or near permanent fresh water, inhabiting streams, ponds, and lakes throughout their range (Stebbins 1985) and can even be found in temporary bodies of water such as vernal pools. The two-striped garter snake inhabits riparian areas during summer months and occupies adjacent coastal sage scrub and grasslands during the winter (Jennings and Hayes 1994). The two-striped garter begins breeding in April and continues throughout the summer months. Adults feed on tadpoles, toads, insect larvae, fish, fish eggs, and earthworms. Population declines in the two-striped garter snake are generally attributable to impacts related to the loss of natural wetlands and increased development near and in suitable habitat. Information regarding the occurrence of this species is from RECON (2004).

Red diamond rattlesnake (*Crotalus ruber*). The red diamond rattlesnake is a CDFW species of special concern (State of California 2011b). This species occurs on both sides of the Peninsular Ranges of southwestern California from San Bernardino County south to Baja California, Mexico. Red diamond rattlesnakes inhabit coastal sage scrub, desert scrub, open chaparral, woodland, and grassland habitats, with a preference for rock outcrops as well as agricultural fields from sea level to 4,000 feet (Stebbins 1985).

Red diamond rattlesnakes are active year-round with peak activity occurring in April and May (Jennings and Hayes 1994). Breeding occurs from February through September. Their diet consists principally of small mammals, lizards, birds, and other snakes. Population declines of the red diamond rattlesnake are generally attributable to a reduction of habitat in the snake's restricted range due to urbanization and agriculture. Information regarding the occurrence of this species is from RECON (2004).

3.1.3.4 Sensitive Birds

a. Listed and MSCP Covered Species

Cooper's hawk (*Accipiter cooperi*). The Cooper's hawk is an MSCP covered species (City of San Diego 1997). Cooper's hawk nesting sites are considered sensitive by CDFW (CDFW 1991). The Cooper's hawk ranges year-round throughout most of the United States; its wintering range extends south to Central America and its breeding range extends north to southern Canada (Rosenfeld and Bielefeldt 1993). It is considered an uncommon resident during the breeding season in southern California, with numbers increasing in winter (Garrett and Dunn 1981). This hawk mainly breeds in oak and willow riparian woodlands but will also use eucalyptus trees. Breeding occurs from March to July. This hawk forages primarily on medium-sized birds but is also known to eat small mammals such as chipmunks and other rodents (Rosenfeld and Bielefeldt 1993). Urbanization and loss of habitat have caused the decline of this species. Information regarding the occurrence of this species is from RECON (2004), PBS&J (2004), and Alden (2012).

Golden eagle (*Aquila chrysaetos*). The golden eagle is a federally protected species under the Bald and Golden Eagle Protection Act, a State of California fully protected species, and an MSCP covered species (City of San Diego 1997, State of California 2011b). This eagle occurs throughout the United States and is an uncommon resident in San Diego County. Golden eagles forage over large areas of grassland and open chaparral or sage scrub where they primarily prey upon rabbits and ground squirrels. The nesting population in San Diego County is concentrated in the foothill zone and coastal lowlands. Golden eagles nest on cliffs or in large trees. Several golden eagle territories in the coastal lowland have been eliminated by urbanization, agricultural development, and other human disturbances (Unitt 2004). Information regarding the occurrence of this species is from RECON (2004) and PBS&J (2004).

Western burrowing owl (*Athene cunicularia hypugaea*). The western burrowing owl is a CDFW species of special concern and an MSCP covered species (City of San Diego 1997, State of California 2011b). The western burrowing owl is primarily restricted to the western United States and Mexico. Breeding burrowing owls remain in only five areas in San Diego County. The largest population of breeding burrowing owls occurs

on Otay Mesa, with the greatest concentration near the mesa's east end near the base of Otay Mountain (Unitt 2004).

Habitat for the western burrowing owl includes dry, open, short-grass areas often associated with burrowing mammals (Haug et al. 1993). A year-round resident in San Diego County, the burrowing owl ranges throughout the coastal lowlands in grasslands, agricultural areas, and coastal dunes (Unitt 2004). The grasslands in the Otay Mesa area are important to the survival and maintenance of the burrowing owl population in southern of San Diego County.

The burrowing owl is nocturnal and perches during daylight at the entrance to its burrow or on low posts. Nesting occurs from March through August. Burrowing owls form a pair-bond for more than one year and exhibit high site fidelity, reusing the same burrow year after year (Haug et al. 1993). The female remains inside the burrow during most of the egg laying and incubation period and is fed by the male throughout brooding. When disturbed within their burrows, burrowing owls mimic the sound of a rattlesnake rattling (Ehrlich et al. 1988). Western burrowing owls are opportunistic feeders, consuming a diet that includes arthropods, small mammals, and birds, and occasionally amphibians and reptiles (Haug et al. 1993). Urbanization has greatly reduced the amount of suitable habitat for this species. Other contributions to the decline of this species include the poisoning of squirrels and prairie dogs and collisions with automobiles. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), City of San Diego (2011a), RECON (2004), PBS&J (2004), and Alden (2012).

Coastal cactus wren (*Campylorhynchus brunneicapillus couesi*). The coastal cactus wren is a CDFW species of concern and an MSCP covered species (City of San Diego 1997, State of California 2011b). This species ranges from southern Orange County through San Diego County into extreme northwestern Baja California (Proudfoot et al. 2000). Year-round residents, coastal cactus wrens inhabit coastal lowlands containing thickets of cholla and prickly pear cactus in coastal sage and maritime succulent scrub (Unitt 2004). Coastal cactus wrens build their nests in the cactus and males often build secondary nests, used for roosting by adults and fledglings and nesting for subsequent broods (Proudfoot et al. 2000). Nesting occurs from March through July; fledglings remain in the nest until September. Their diet consists mainly of grasshoppers, beetles, ants, wasps, butterflies, moths, spiders, and occasionally vegetation, reptiles, and amphibians (Proudfoot et al. 2000). The primary cause for the decline of this species is degradation and loss of breeding habitat loss due to urbanization. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and PBS&J (2004).

Northern harrier (*Circus cyaneus hudsonius*). The northern harrier is a CDFW species of special concern and an MSCP covered species (City of San Diego 1997, State of California 2011b). In addition, their nesting sites are considered sensitive by CDFW. Northern harriers winter throughout most of North America from southern

Canada to Central America and the Caribbean Islands (MacWhirter and Bildstein 1996). Their breeding range extends from Canada and Alaska to the northwestern United States, with some year-round residents in coastal California and northern Baja California. In San Diego County, the northern harrier is a fairly common migrant in the winter and a rare summer breeder (Unitt 2004). The northern harrier most commonly nests on the ground at the edge of marshes but will also nest on grasslands, in fields, or in areas of sparse shrubs (MacWhirter and Bildstein 1996). The northern harrier hovers close to the ground while foraging in grasslands, agricultural fields, and coastal marshes. Their diet consists of small- and medium-sized rodents, birds, reptiles, and frogs. The range of this species has been reduced due to urbanization and agricultural development. Information regarding the occurrence of this species is from RECON (2004), PBS&J (2004), and Alden (2012).

Coastal California gnatcatcher (*Poliioptila californica californica*). The coastal California gnatcatcher is federally listed as threatened, a CDFW species of special concern, and an MSCP covered species (City of San Diego 1997; State of California 2011a). The coastal California gnatcatcher is a nonmigratory, resident species found on the coastal slopes of southern California, ranging from Ventura County southward through Los Angeles, Orange, Riverside, and San Diego Counties into Baja California, Mexico (Atwood and Bontrager 2001). Coastal California gnatcatchers typically occur in or near sage scrub habitat, although chaparral, grassland, and riparian woodland habitats are used where they occur adjacent to sage scrub. Breeding occurs from February through August, and nests are constructed most often in California sagebrush. The coastal California gnatcatcher diet consists mainly of sessile small arthropods, such as leafhoppers, spiders, beetles, and true bugs (Atwood and Bontrager 2001). The primary cause of decline in the coastal California gnatcatcher is due to habitat loss and degradation. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a), RECON (2004), PBS&J (2004), and Alden (2012).

Southern California rufous-crowned sparrow (*Aimophila ruficeps canescens*). The southern California rufous-crowned sparrow is an MSCP covered species (City of San Diego 1997). This subspecies of rufous-crowned sparrow is a resident and ranges throughout southern California from Los Angeles County to Baja California, Mexico (Collins 1999). Southern California rufous-crowned sparrows are found in chaparral and coastal sage scrub habitats and occasionally in grasslands adjacent to these habitats. The species exhibits a strong preference for moderate to steep, dry, rocky slopes interspersed with grasses and rock outcrops (Unitt 2004; Collins 1999). Breeding occurs from March through June and pair bonds are formed that may last year-round (Collins 1999). Their diet consists primarily of seeds, stems, and shoots and extends to insects during spring and summer months (Wolf 1977). Urbanization, range restrictions, and loss of habitat have decreased the amount of suitable habitat for southern California rufous-crowned sparrows. Information regarding the occurrence of this species is from RECON (2004), PBS&J (2004), and Alden (2012).

Least Bell's vireo (*Vireo bellii pusillus*). The least Bell's vireo is federally and state listed as endangered and is an MSCP covered species (City of San Diego 1997; State of California 2011a). Its historical breeding range once extended from northwestern Baja California, Mexico, to interior northern California, as far north as Red Bluff in Tehama County, California (Franzreb 1989). Its current distribution is now restricted to eight southern counties, the majority occurring in San Diego County (USFWS 1998). Least Bell's vireo winters in Mexico and breeds in southern California and northern Baja California, Mexico. The species is exclusively found in riparian habitats, including cottonwood-willow woodlands and forests, oak woodlands, and mule fat scrub, and requires dense cover for nesting (USFWS 1998). Least Bell's vireo arrives at the breeding grounds in mid-March and remains until September or October. Their diet consists primarily of insects and spiders and some fruit (Brown 1993). Populations of least Bell's vireo have declined drastically due to extensive loss of riparian habitat to agricultural and urban development, including channelization and mining of streams, and nest parasitism by brown-headed cowbirds (*Molothrus ater*). However, the population has increased as a result of extensive brown-headed cowbird trapping programs. This species occur just north of the Otay Mesa Community CPU area (State of California 2012a). Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

b. Other Sensitive Species

Great egret (*Ardea alba egretta*). Great egret rookery sites are considered sensitive by CDFW (State of California 2011b). Distributed throughout the U.S. and Mexico, the great egret is usually found near seashores, streams, ponds, salt- and freshwater marshes, mudflats, and swamps. This species is a common breeding resident at the Salton Sea and the Colorado River. Great egrets nest in colonies with other herons, ibises, and cormorants, or singly. Nests consist of a frail platform of sticks, twigs, and reeds, placed in a tree or shrub 8 to 40 feet above the ground or in cattails 1 to 4 feet above water. The great egret forages in shallow water for small fish and amphibians and also on land for insects, reptiles, and small mammals. They may feed solitarily or in large groups when food is concentrated. Great egret populations were decimated by plume hunters in the late 1800s and by DDT during the 1950s and 1960s. Clutch and brood sizes have increased since the 1972 ban in DDT, and the population is expanding (Stokes and Stokes 1996). Information regarding the occurrence of this species is from PBS&J (2004).

Black-crowned night heron (*Nycticorax nycticorax*). Black-crowned night heron nesting colonies are considered sensitive by CDFW (State of California 2011b). Black-crowned night herons have an extremely large range, occurring on all continents except Australia and Antarctica. Black-crowned night herons are historically common in fresh, brackish, and saltwater habitats throughout San Diego County and are known to nest at Naval Base Point Loma. Breeding typically occurs between January and June. Their diet

includes a variety of food sources from leeches and earthworms to insects, fish, crustaceans, amphibians, and reptiles (Davis 1993). Threats to the black-crowned heron include loss of foraging and nesting habitat. Information regarding the occurrence of this species is from PBS&J (2004).

White-tailed kite (*Elanus leucurus*). The white-tailed kite is a California fully protected species (State of California 2011b). This raptor occurs in coastal lowland areas from Oregon to northern Baja California, Mexico (National Geographic Society 1983). Nesting sites of white-tailed kites are considered sensitive. This resident bird nests in riparian woodlands, oaks, or sycamore groves that border grassland or open fields (Unitt 2004). The white-tailed kite forages over open areas and grasslands feeding primarily on small rodents and insects (National Geographic Society 1983). This species is known to roost in large communal groups (Unitt 2004). White-tailed kite populations in southern California have declined due to the loss of nesting and foraging habitat. Information regarding the occurrence of this species is from RECON (2004) and PBS&J (2004).

Prairie falcon (*Falco mexicanus*). The prairie falcon has no official resource agency status but is on the CDFW watch list and is a USFWS bird of conservation concern. This falcon ranges from the southeastern deserts northwest along the inner Coast Ranges and Sierra Nevada. The prairie falcon is both a permanent resident and occasional migrant in San Diego County. The bird is associated primarily with perennial grasslands, savannahs, rangeland, agricultural fields, and desert scrub areas but has also been observed using annual grasslands and alpine meadows. This species nests on cliff ledges and occasionally in rock crevices. Threats to prairie falcon populations in California include increased pesticide use, falconry, and outdoor recreational activities (Zeiner et al. 1990). Information regarding the occurrence of this species is from PBS&J (2004) and Alden (2012).

California horned lark (*Eremophila alpestris actia*). The California horned lark has no official resource agency status but is on the CDFW watch list (State of California 2011b). Its range is limited to the coastal slopes of California from Sonoma County to San Diego County and includes most of the San Joaquin Valley at elevations for sea level to 8,500 feet and can occur as high as 11,500 feet in the San Bernardino Mountains (Small 1994). In San Diego County, the California horned lark typically inhabits areas with sparse vegetation, including sandy shores, grasslands, mesas, and agricultural lands. Breeding occurs during the months of March through July with peak activity occurring in May. California horned larks forage by walking and running on the ground, from a diet of spiders, insects and insect larvae, snails, buds, berries, waste grains, and seeds from grasses, weeds, and forbs (Green 1990). Horned larks usually forage in flocks except during nesting. Decline of this species is generally attributed to loss of habitat, urbanization, and human disturbance. Information regarding the occurrence of this species is from the City of San Diego (2011a) and PBS&J (2004).

Loggerhead shrike (*Lanius ludovicianus*). The loggerhead shrike is a CDFW species of special concern and USFWS bird of conservation concern (State of California 2011b). This species inhabits most of the continental United States and Mexico and is a year-round resident of southern California. The loggerhead shrike prefers open habitat with perches for hunting and fairly dense shrubs for nesting (Yosef 1996). In southern California, loggerhead shrikes inhabit grasslands, agricultural fields, chaparral, and desert scrub (Unitt 2004). Loggerhead shrikes are highly territorial and usually live in pairs in permanent territories (Yosef 1996). Loggerhead shrikes feed on small reptiles, mammals, amphibians, and insects that they often impale on sticks or thorns before eating. Loggerhead shrike populations are declining, likely due to urbanization and loss of habitat and, to a lesser degree, pesticide use (Yosef 1996). Information regarding the occurrence of this species is from RECON (2004) and PBS&J (2004).

Yellow-breasted chat (*Icteria virens*). The yellow-breasted chat is a CDFW species of special concern (State of California 2011b). Yellow-breasted chat breeding range extends from southern California south to central Mexico, including most of the United States (Eckerle and Thompson 2001). Breeding occurs in dense brush or scrub, usually along streams or marshy areas with dense riparian woodlands. Yellow-breasted chats arrive in California to breed during April or May. Their diet consists mainly of insects and berries (Eckerle and Thompson 2001). Destruction of riparian woodlands by development and other human activities has caused population declines and it is possible that brown-headed cowbird parasitism may also have contributed to the decline of the species. Information regarding the occurrence of this species is from PBS&J (2004).

Grasshopper sparrow (*Ammodramus savannarum*). The grasshopper sparrow has no official resource agency status but is considered locally sensitive. Grasshopper sparrows are a localized summer resident in San Diego County and very rare in winter (Unitt 2004). This species has a patchy distribution within grasslands along coastal California and the foothills of the Sierra Nevada. This species breeds in grasslands, cultivated fields, and prairies and has two broods per year. Its diet consists of invertebrates and the seeds of grass and forbs. Threats to this species include predation and habitat loss and modification (Ehrlich et al. 1988). Information regarding the occurrence of this species is from PBS&J (2004) and Alden (2012).

3.1.3.5 Sensitive Mammals

Northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*). The northwestern San Diego pocket mouse is a California species of special concern (State of California 2011b). It ranges from Los Angeles County and extreme southern San Bernardino County southward into west-central Baja California, Mexico (Hall 1981). In San Diego County, the northwestern San Diego pocket mouse is known from Del Mar, Dulzura, Jacumba, Lake Hodges, Pala, San Diego, and San Marcos (Bond 1977).

Habitat for this species is most often sparse or disturbed coastal sage scrub or grasslands with sandy soils. Breeding occurs from March to May. The northwestern San Diego pocket mouse diet consists of seeds from forbs, shrubs, and grasses (Brylski 1983). Threats to this species include degradation of habitat and loss of habitat from development. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a).

San Diego desert woodrat (*Neotoma lepida intermedia*). The San Diego desert woodrat is a CDFW species of special concern (State of California 2011b). Its range extends through coastal areas from San Luis Obispo well into Baja California, inland to the San Bernardino Mountains and Julian (Hall 1981). The San Diego desert woodrat occurs west of the mountains in San Diego County within chaparral areas with a preference for rock outcrops (Bond 1977). The middens (nests) of this species can be occupied by multiple generations and have been documented as old as 200 to 400 years of age. The desert woodrat is adept at moving among spiny cactuses without injury. Its diet is composed of spiny cacti along with yucca pods, bark, berries, seeds, and any available green vegetation (Whitaker 1997). Threats to this species include habitat degradation and loss of habitat. Information regarding the occurrence of this species is from the CNDDDB (State of California 2012a) and RECON (2004).

San Diego black-tailed jackrabbit (*Lepus californicus bennettii*). The San Diego black-tailed jackrabbit is a CDFW species of special concern (State of California 2011b). It ranges from near Mt. Pinos (at the Kern-Ventura county line) southward and west of the Peninsular Range into Baja California (Hall 1981). This species can be found throughout southern California, with the exception of the high-altitude mountains. It occupies open or semi-open habitats (such as coastal sage scrub and open chaparral areas). Forested and thick chaparral regions are not suitable (Bond 1977). The San Diego black-tailed jackrabbit breeds throughout the year, with the greatest number of births occurring from April through May. The black-tailed jackrabbit is strictly herbivorous, preferring habitat with ample forage such as grasses and forbs. Declines in San Diego black-tailed jackrabbit populations are due to a decline in suitable habitat as a result of urban development. Information regarding the occurrence of this species is from RECON (2004), PBS&J (2004), and the CNDDDB (State of California 2012a).

3.4 Jurisdictional Waters/Wetlands

Agencies with jurisdictional authority over wetlands and other jurisdictional water resources include USFWS, USACE, CDFW, RWQCB, and the City of San Diego.

There are approximately 55 acres of the CPU area that have been mapped as a wetland or water resource (e.g., riparian, vernal pool, basin with fairy shrimp, mule fat scrub, freshwater marsh, and alkali seep). An assessment of wetland (e.g., protocol wetland

delineation) and water resources would need to be made at the project-specific level for all subsequent development proposals, in order to identify any potential wetlands and other jurisdictional waters. If warranted, a formal wetland delineation would need to be conducted to identify the precise boundaries of these resources to determine the extent of the existing waters/wetlands and to accurately determine if any impacts would occur from any proposed future project.

3.4.1 U.S. Army Corps of Engineers

As stated in the federal regulations for the Clean Water Act, wetlands are defined as:

those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances, do support a prevalence of vegetation typically adapted for life in saturated soil conditions (EPA, 40 CFR 230.3 and CE, 33 CFR 328.3).

Wetlands are delineated using three parameters: hydrophytic vegetation, wetland hydrology, and hydric soils. According to USACE, indicators for all three parameters must be present to qualify an area as a wetland.

In accordance with Section 404 of the Clean Water Act, USACE regulates the discharge of dredged or fill material into waters of the U.S. The term “waters of the United States” is defined as:

- All waters currently used, or used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide;
- All interstate waters including interstate wetlands;
- All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds; the use, degradation, or destruction of which could affect foreign commerce including any such waters: (1) which could be used by interstate or foreign travelers for recreational or other purposes; or (2) from which fish or shellfish are, or could be taken and sold in interstate or foreign commerce; or (3) which are used or could be used for industries in interstate commerce.;
- All other impoundments of waters otherwise as defined as waters of the United States under the definition;
- Tributaries of waters identified above;
- The territorial seas; and

- Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in the paragraphs above [33 CFR Part 328.3(a)].

USACE also requires the delineation of non-wetland jurisdictional waters. These waters must have strong hydrology indicators such as the presence of seasonal flows and an ordinary high watermark. An ordinary high watermark is defined as:

. . . that line on the shore established by the fluctuations of water and indicated by physical characteristics such as [a] clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas (33 CFR Part 328.3).

Areas delineated as non-wetland jurisdictional waters may lack wetland vegetation or hydric soil characteristics. Hydric soil indicators may be missing, because topographic position precludes ponding and subsequent development of hydric soils. Absence of wetland vegetation can result from frequent scouring due to rapid water flow. These types of jurisdictional waters are delineated by the lateral and upstream/downstream extent of the ordinary high watermark of the particular drainage or depression.

3.4.2 U.S. Fish and Wildlife Service

Under section 7 and 10 of the Endangered Species Act, USFWS has regulatory authority over federally listed endangered or threatened plant and animal species. Specifically, section 7 requires agencies to ensure that their activities are not likely to jeopardize the continued existence of listed species or impact designated critical habitats through consultation with the Service. Under Section 7, the USFWS issues a Biological Opinion that serves as the incidental take permit (ITP) associated with a 404 permit authorized by the USACE. Under section 10(a)1(A), the USFWS requires the preparation of an HCP which accompanies the ITP to ensure that the authorized take is adequately mitigated and minimized. Therefore, impacts to any of the seven federally listed vernal pool species must be approved by USFWS, in addition to any other applicable Wildlife Agencies. A draft vernal pool HCP is currently being prepared by the City in coordination with the Wildlife Agencies. If adopted, the City would have “take” authority for the vernal pool species occurring within the HCP areas.

3.4.3 California Department of Fish and Wildlife

Under sections 1600–1607 of the Fish and Wildlife Code, CDFW regulates activities that would divert or obstruct the natural flow or substantially change the bed, channel, or bank of any river, stream, or lake that supports fish or wildlife. CDFW has jurisdiction over riparian habitats (e.g., riparian scrub) associated with watercourses. Jurisdictional

waters are delineated by the outer edge of riparian vegetation or at the top of the bank of streams or lakes, whichever is wider.

3.4.4 RWQCB Jurisdiction

RWQCB is the regional agency responsible for protecting water quality in California. The jurisdiction of this agency includes all waters of the state and all waters of the United States as mandated by both the federal Clean Water Act and the California Porter-Cologne Water Quality Control Act. State waters are all waters that meet one of three criteria (hydrology, hydric soils, or wetland vegetation), and generally include but are not limited to, all waters under the jurisdiction of USACE and CDFW.

3.4.5 City of San Diego

According to the City of San Diego's Municipal Code (City of San Diego 2012), wetlands are areas which are characterized by any of the following conditions: (1) all areas persistently or periodically containing naturally occurring wetland vegetation communities characteristically dominated by hydrophytic vegetation; (2) areas that have hydric soils or wetland hydrology and lack naturally occurring wetland vegetation communities because human activities have removed the historic wetland vegetation; and (3) areas lacking wetland vegetation communities, hydric soils, and wetland hydrology due to non-permitted filling of previously existing wetlands.

3.5 Wildlife Movement Corridors

Habitat linkages and wildlife corridors are defined as areas that connect suitable wildlife habitat areas in a region otherwise fragmented by rugged terrain, changes in vegetation, or human disturbance. Natural features such as canyon drainages, ridgelines, or areas with vegetation cover provide corridors for wildlife travel. Habitat linkages and wildlife corridors are important because they provide access to mates, food, and water; allow the dispersal of individuals away from high population density areas; and facilitate the exchange of genetic traits between populations. Wildlife movement corridors are considered sensitive by the City of San Diego and resource and conservation agencies.

Within the CPU area, Dennery and Spring Canyons, connected by the Otay Mesa Road culvert and State Route 905 wildlife crossing, function as the primary north-south wildlife movement corridor in western Otay Mesa. Moody Canyon is connected to the eastern side of Spring Canyon and provides east-west wildlife movement within the CPU area. Dennery Canyon connects to the Otay River Valley along the northern boundary of the CPU area. The Otay River Valley provides a major movement corridor for east-west wildlife movement north of the CPU area and provides connectivity to a larger expanse of open space.

THIS PAGE IS INTENTIONALLY BLANK.

4.0 Regulatory Framework

4.1 Multiple Species Conservation Program

The MSCP is a comprehensive, habitat conservation planning program for San Diego County. A goal of the MSCP is to preserve a network of habitat and open space, thereby protecting biodiversity. Local jurisdictions, including the City of San Diego, implement their portions of the MSCP through subarea plans, which describe specific implementing mechanisms.

The City of San Diego's MSCP Subarea Plan was approved in March 1997. The MSCP Subarea Plan is a plan and process for the issuance of permits under the federal and state Endangered Species Act and the California Natural Communities Conservation Planning Act of 1991. The primary goal of the MSCP Subarea Plan is to conserve viable populations of sensitive species and to conserve regional biodiversity while allowing for reasonable economic growth.

In July 1997, the City of San Diego signed an Implementing Agreement (IA) with USFWS and CDFW. The IA serves as a binding contract between the City, USFWS, and CDFW that identifies the roles and responsibilities of the parties to implement the MSCP and subarea plan. The agreement became effective on July 17, 1997, and allows the City to issue Incidental Take Authorizations under the provisions of the MSCP. Applicable state and federal permits are still required for wetlands and listed species that are not covered by the MSCP.

4.1.1 Vernal Pool Lawsuit

Under the Federal Endangered Species Act (FESA), an ITP is required when non-federal activities would result in "take" of a threatened or endangered species. An ITP can be issued as a Biological Opinion under FESA Section 7 in conjunction with a 404 permit or under Section 10(A) which requires that a Habitat Conservation Plan (HCP) accompany any applications for a federal ITP. Take authorization for federally listed species covered in the HCP shall generally be effective upon approval of the HCP.

In October of 2006, Judge Brewster issued a Decision and Injunction [Case no. 98-CV-2234-B(JMA)] in a lawsuit filed by the Southwest Center for Biological Diversity against the USFWS over the issuance of an ITP under Section 10 of the ESA to the City of San Diego based upon the MSCP. The lawsuit was limited to the seven vernal pool species including two crustacean species, San Diego fairy shrimp (*Branchinecta sandiegonensis*) and Riverside fairy shrimp (*Streptocephalus wootoni*), and five plant

species: Otay mesa mint, California Orcutt grass, San Diego button celery, San Diego mesa mint (*Pogogyne abramsii*), and spreading navarretia.

The Court enjoined the City of San Diego's ITP for all pending and future development projects where "take" of any of the seven vernal pool species may occur, including:

- Pending applications for development of land containing vernal pool habitat.
- Projects where the City has granted permits, but development had not yet occurred.
- Future development where the permittee was engaged in the destruction of vernal pool habitat.

As a result of this ruling, numerous private and public development projects which contained vernal pool resources within their project site were enjoined. The Court determined that the City and USFWS were not providing adequate coverage under the MSCP for vernal pool species. The following are the main inadequacies identified in the ruling:

- Mitigation was not beneficial and could not be modified for the life of the permit.
- Creation of vernal pools was not always feasible due to site conditions and the difficulty with creating the proper conditions to support vernal pool flora and fauna.
- Measures to determine impact allowance was arbitrary and did not provide the same level of protection for "unnatural" vernal pools.
- Funding was speculative.

All parties entered into mediation in 2007 which continued through 2009, when it ended in an impasse. During the mediation, it was determined that a Vernal Pool HCP should be prepared for the comprehensive protection of vernal pool resources. The City was awarded an Endangered Species Act Section 6 grant in 2009 for the preparation of a vernal pool HCP. In April 2010, the City entered into a Planning Agreement with the USFWS for the preparation of the vernal pool HCP. A draft vernal pool HCP is currently being prepared by the City in coordination with the Wildlife Agencies.

In April 2010, the City also relinquished federal coverage of the seven vernal pool species. In 2011, Judge Brewster vacated the 2006 ruling since the relevant portions (i.e., vernal pool species) of the City's ITP were no longer in effect. This partial relinquishment and cancellation of the ITP only applies to coverage of the seven vernal pool species; the remainder of the City's MSCP ITP was not affected. The City is still responsible for the management of vernal pool resources, including the seven vernal pool species, owned and/or conserved through the City's permitting process. State coverage of the seven vernal pool species remains in effect.

As of the date of surrender, April 20, 2010, the City has relinquished coverage and does not rely on the City's federal ITP to authorize an incidental take of the two vernal pool animal species and five vernal pool plant species. Upon completion of a HCP for vernal pools, the City would enter into an IA in order to obtain species coverage and a federal ITP for the seven vernal pool species under Section 10(A). Incidental take authorization for projects that affect the seven vernal pool species could also be authorized through a FESA Section 10(A) or through a Section 7 consultation with the USFWS, initiated as part of the 404 permit process by the USACE. A Biological Opinion is issued that serves as the ITP.

4.1.2 Multi-Habitat Planning Area

The Multi-Habitat Planning Area (MHPA) is the area within which the permanent MSCP preserve will be assembled and managed for its biological resources. Input from responsible agencies and other interested participants resulted in adoption of the City's MHPA in 1997. The City's MHPA areas are defined by "hard-line" limits, "with limited development permitted based on the development area allowance of the OR-1-2 zone [open space residential zone]" (City of San Diego 1997).

The MHPA consists of public and private lands, much of which has been conserved. Conserved lands shown on the SanGIS database (SanGIS 2013; Figure 7) include lands that have been set aside for mitigation or purchased for conservation. These lands may be owned by the City or other agencies, may have easements, may be dedicated, or may have some restrictions placed upon the property through the City's processes that protects the overall quality of the resources and prohibits development.

Private land within the MHPA is allowed only up to 25 percent development in the least sensitive area per the City's MSCP Subarea Plan. Should more than 25 percent development be desired, an MHPA boundary line adjustment may be proposed. The City's MSCP Subarea Plan states that adjustments to the MHPA boundary line are permitted without the need to amend the City's Subarea Plan, provided the boundary adjustment results in an area of equivalent or higher biological value. To meet this standard, the area proposed for addition to the MHPA must meet the six functional equivalency criteria set forth in Section 5.4.2 of the Final MSCP Plan (City of San Diego 1998). All MHPA boundary line adjustments require approval by the Wildlife Agencies and approval from a City discretionary hearing body.

A MHPA Boundary Line Correction was approved by the City and Wildlife Agencies on March 13, 2013. The boundary line correction included a mapping registration error associated with the International Business Center Project (EQD 86-0535), which was approved in the late 1980s. The existing MHPA was shifted to exclude 3.7 acres of approved development and to add 10.8 acres of existing conserved area within Wruck Canyon, as shown on Figure 8. The correction resulted in a net gain of 7.1 acres within

the MHPA and was consistent with the approved project, which required that 27 acres of open space within Wruck Canyon be preserved.

For parcels located outside the MHPA, “there is no limit on the encroachment into sensitive biological resources, with the exception of wetlands, and listed non-covered species’ habitat (which are regulated by state and federal agencies) and narrow endemic species.” However, “impacts to sensitive biological resources must be assessed and mitigation, where necessary, must be provided in conformance” with the City’s Biological Guidelines (City of San Diego 2012).

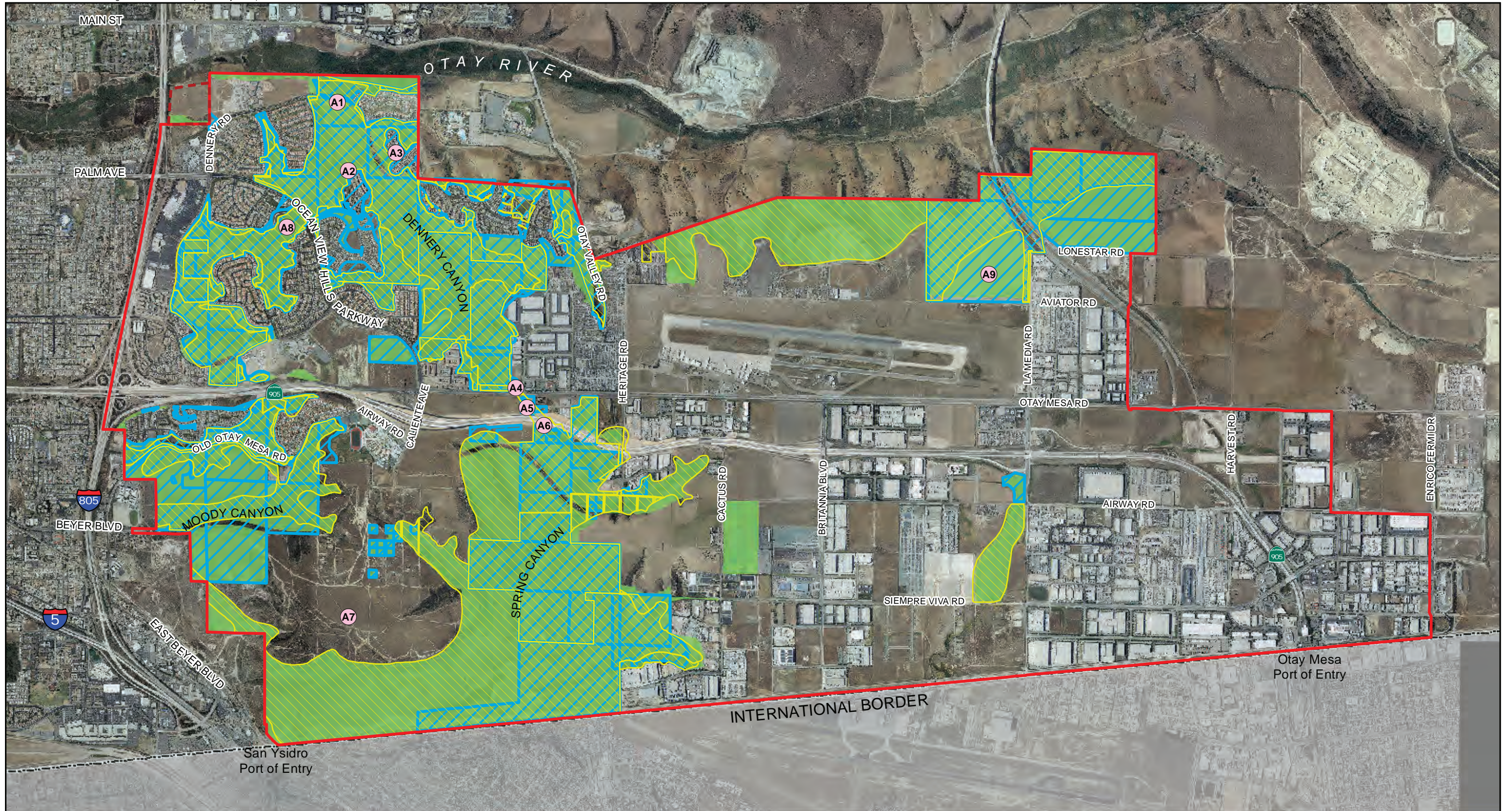
The MSCP includes management priorities to be undertaken by the City as part of its MSCP implementation requirements. Those actions identified as Priority 1 are required to be implemented by the City as a condition of the MSCP Take Authorization to ensure that covered species are adequately protected. The actions identified as Priority 2 may be undertaken by the City as resources permit.

4.1.3 MHPA Land Use Adjacency Guidelines

To address the integrity of the MHPA and mitigate for indirect impacts to the MHPA, guidelines were developed to manage land uses adjacent to the MHPA. The MHPA adjacency guidelines are intended to be incorporated into the Mitigation Monitoring and Reporting Program (MMRP) and applicable permits during the development review phase of a proposed project. These guidelines address the issues of drainage, toxics, lighting, noise, barriers, invasive species, brush management, and grading/development.

4.1.3.1 MSCP Subarea Plan: Otay Mesa MHPA Management Directives

Otay Mesa is in the southern area of the MHPA which also includes the Otay River Valley, Tijuana Estuary, and Tijuana River Valley. The plan describes the Otay Mesa areas of the MHPA and its vision as a network of open and relatively undisturbed canyons containing a full ensemble of native species and providing functional wildlife habitat and movement capability. The City’s MHPA Guidelines for Otay Mesa as described in Section 1.2.1 of the City’s Subarea Plan (1997) are as follows:









- | | |
|---|---|
|  Otay Mesa Community Plan Boundary |  City of San Diego MHPA |
|  Not A Part |  SANGIS Conserved Lands Database |
|  MHPA Specific Guideline Areas | Otay Mesa Community Land Use Plan |
| |  OPEN SPACE |



FIGURE 7

Location of MHPA, SanGIS Conserved Lands, and Proposed Otay Mesa Community Plan Open Space

THIS PAGE IS INTENTIONALLY BLANK.



Legend

- Existing Multi-Habitat Planning Area
- Otay Mesa MHPA Delete 3-2013
- Otay Mesa MHPA Addition 5-2013
- Parcels

Feet 150



FIGURE 8
Otay Mesa Community Plan MHPA Boundary Line Correction

1. Maintain and/or provide trail access for Border Patrol use around the rim of canyons, where feasible. Motorized off-road-vehicle use in the MHPA should be prohibited except by Border Patrol, MHPA (Preserve) managers, or emergency vehicles.
2. In the area south of proposed State Route (SR-905), minimize road crossings of Spring Canyon. Where road crossings must occur, use bridges or culverts (see #3 below). Manufactured slopes adjacent to roadways should be revegetated with appropriate native vegetation.
3. Unless noted otherwise, culvert dimensions should be at least 30 feet wide by 15 feet high, and where feasible, have a maximum 2:1 length to width ratio. The floor of the culvert must be natural/soft bottom, and the ceiling constructed using skylights where possible to provide adequate visibility for wildlife.
4. Vernal pool areas should be preserved per adopted regulations. Where development is considered, the vernal pools should be assessed for transplantation of sensitive flora and fauna. Any wetland impacts will be mitigated for losses to meet the state and federal goal of “no net loss of wetland function and value.” Mitigation should occur in accordance with requirements to be determined through the 404 and 1602 permitting process for individual projects.

In addition to the general MHPA Guidelines identified above, the City’s MSCP identifies the following specific guidelines for the Otay Mesa area (see Figure 7 for locations of A1–A9):

- A1. Improve the wildlife/pedestrian corridor in Dennery Canyon by incorporating two culverts in Dennery Canyon Road. Revegetate the disturbed portions of Dennery Canyon with coastal sage scrub species.
- A2. Modify street alignments to retain additional natural areas. Reduced street classifications and roadbed widths where possible to reflect reduced development.
- A3. The Robinhood Ridge project has a legal right to develop under an existing approved Tentative Map. In the event that the approved map expires, future development proposals would be required to conform to the MHPA boundaries depicted by the Subarea Plan and associated land use regulations.
- A4. Provide a culvert under Otay Mesa Road to facilitate wildlife crossing. Ideally, the culvert would provide both limited pedestrian and wildlife access from the Otay River Valley Regional Park through Dennery Canyon to areas to the south in Spring Canyon. However, if this dimension is not possible due to engineering

constraints, the culvert must be large enough to allow mid-size mammal and predator undercrossing.

- A5. Enhance/restore disturbed areas within the wildlife crossing. This will entail revegetation with coastal sage scrub species and if necessary, possible experimental restoration of graded vernal pools immediately north of Otay Mesa Road. The revegetation effort should not use medium to tall shrubs and trees, to address Border Patrol concerns. Provide fencing to direct animals into the undercrossing.
- A6. The SR-905 design shall include a bridge-type structure over the wildlife corridor south of Otay Mesa Road. This crossing shall be enhanced with grading and revegetation.
- A7. Prior to any development impacts in this area, mitigation must include collecting and reseeded vernal pool species into other preserved Otay Mesa pools.
- A8. Final configuration of this area is subject to redesign of approved maps.
- A9. The MHPA designation on the Baldwin property at the far northeastern end of the Otay Mesa area will need to be fenced at the time of development. Depending on the future use of adjacent areas outside the MHPA, the frequency and monitoring for disturbance, fence repairs, and other maintenance will be determined at the time of development. Due to the sensitivity of the vernal pools and other sensitive species in this area, public access should be carefully directed.

4.1.3.2 MSCP Subarea Plan: Specific Management Policies and Directives for Otay Mesa

Section 1.5.3 of the City of San Diego MSCP Subarea Plan (1997) describes the specific management and directives for the Otay Mesa area. The major issues that require consideration for management in the Otay Mesa area include the following, in order of priority, as excerpted from Section 1.5.3 of the City of San Diego MSCP Subarea Plan (1997):

- Intense land uses and activities adjacent to and in covered species habitat and linkages;
- Off-road-vehicle activity;
- Dumping, litter, and vandalism;
- Enhancement and restoration needs;
- Exotic (non-native), invasive plants and animals;
- Illegal immigration and Border Patrol activities; and
- Utility, facility and road repair, construction, and maintenance activities.

a. MSCP Subarea Plan: Overall Management Policies and Directives for Otay Mesa

As described in the plan:

The Otay Mesa Community Plan contains lists and maps of vernal pools and sensitive species, as well as descriptions of native vegetation, wildlife and the ecological significance of the Otay Mesa area. The MHPA boundaries closely follow the open space designation in the adopted plan for the area south of Otay Mesa Road but have made modifications in the north area by adding substantial areas for preservation.

General Policies

General Policies for the MHPA contained in Section 1.5.3 of the MSCP Subarea Plan include:

Priority 1:

1. No unauthorized motorized vehicles except Border Patrol, MHPA managers, maintenance personnel, or emergency vehicles will be allowed on any trails or off-trail in the MHPA. The Border Patrol should restrict vehicles to the existing access roads as much as feasible, to avoid disturbance of habitat.
2. Remove all trash, hazardous materials, and vehicles from the MHPA prior to transfer from private to public ownership and/or management. If hazardous materials remain, these areas should be signed to indicate their locations, and made off-limits to people.
3. Inventory vernal pool areas within the Otay Mesa area for sensitive and target species where not previously or recently done, and assess for enhancement/restoration needs or opportunities, general status, and potential threats.

Priority 2:

1. Assess vernal pool areas proposed for development (e.g., approved development projects or proposed regional transportation facilities such as SR-905 and SR-125) for transplantation of sensitive plants and soils containing seedbanks of sensitive flora and fauna. Include in mitigation programs arrangements for proper timing of soil and plant removal, proper storage if necessary, and appropriate timing of enhancement/restoration efforts, including transplantation.

b. Specific Management Directives for Otay Mesa

Specific Management Directives for Otay Mesa contained in Section 1.5.3 of the MSCP Subarea Plan are identified as follow:

Northwest Otay Mesa

Priority 1:

1. Protect the area with concentrations of *Ferocactus*, *Dudleya*, and succulents on the ridge located in the northeast corner of the California Terraces from trampling and poaching of plants. Provide barriers to this area that accommodate wildlife movement.
2. Regular enforcement patrols may be necessary in Denney Canyon and its tributaries to prevent vandalism, poaching, and off-road-vehicle activity.
3. The wildlife crossings under Otay Mesa Road and SR-905 are the only link from south to north Otay Mesa. These crossings must be kept free of debris and illegal encampments. Provide screening of this area along both sides from residential and other adjacent development, and provide limited cover for wildlife within the crossing area that is compatible with Border Patrol activities. Restrict night lighting near this crossing.

Priority 2:

1. Evaluate the mesa north of Brown Field for potential research opportunities in studying natural regeneration. If regeneration is not possible, pursue restoration of disturbed habitats in this area.

Northeast Otay Mesa

Priority 1:

1. Delineate the MHPA boundaries along areas of the mesa and slopes north of Brown Field with markers and signs to inform Brown Field employees, contractors, and other people of the boundaries of the MHPA to prevent disturbance of the area. This area should be made off-limits to illegal tilling of the mesas (except where required for brush management), dumping, storage of materials, and other disturbances. Fencing or other protection mechanisms will only be necessary if continued disturbance of these areas is evident.
2. Retain mesa areas which are currently non-native grasslands in order to allow regeneration or continue in their present state, thus providing needed raptor foraging area. If regeneration to coastal sage or other native habitats appears to be

unbalancing the need for grassland areas in the future, assess these areas for management that would maintain a grassland (preferably native) community.

Priority 2:

1. Evaluate the mesa north of Brown Field for potential research opportunities in studying natural regeneration. If regeneration is not possible, pursue restoration of disturbed habitats in this area.

Southern Otay Mesa

Priority 1:

1. Continuous coordination with the U.S. Border Patrol will be necessary to ensure continued awareness of the MHPA and cooperation in maintenance. The presence of the Border Patrol in this area should help to make the MHPA safe for visitors. If possible, improve coordination with the U.S. Border Patrol to aid in the identification and prevention of vandalism, off-road vehicle use, dumping, and other disturbances to habitat.
2. Install barriers and signage along Spring Canyon where agriculture or development abuts the MHPA.

Priority 2:

1. Provide educational materials and training on the MSCP and on native wildlife to U.S. Border Patrol agents and other public agency personnel working in the Otay Mesa border area to encourage sensitive behavior towards wildlife and its habitat, and to discourage unnecessary off-road vehicle use in sensitive areas.
2. Ensure that the night lighting along the border intrudes as little as possible on lands in the interior of the MHPA.
3. Assess and prioritize the Spring Canyon area for restoration of disturbed areas. Include existing roads and those determined not to be needed for Border Patrol activities in the restoration assessment. Burned areas should not need restoration, but off-road use and other disturbed areas should either be restored or other steps taken to encourage regeneration. This could offer potential research opportunities.

4.2 City of San Diego Environmentally Sensitive Lands Regulations

The purpose of the Environmentally Sensitive Lands (ESL) Regulations is to “protect, preserve, and, where damaged restore, the *environmentally sensitive lands* of San

Diego and the viability of the species supported by those lands. These regulations are intended to assure that *development* occurs in a manner that protects the overall quality of the resources and the natural and topographic character of the area, encourages a sensitive form of *development*, retains biodiversity and interconnected habitats, maximizes physical and visual public access to and along the shoreline, and reduces hazards due to *flooding* in specific areas while minimizing the need for construction of *flood* control facilities. These regulations are intended to protect the public health, safety, and welfare while employing regulations that are consistent with sound resources conservation principles and the rights of private property owners” (City of San Diego 2010). ESL Regulations cover sensitive biological resources, including wetlands, within and outside of the coastal zone and MHPA. Future development proposed in accordance with the CPU will be required to comply with all applicable ESL regulations.

4.3 City of San Diego General Plan Policies

The General Plan presents goals and policies for biological resources in the Conservation Element. Relevant excerpts from this element are included in Table 5 below.

**TABLE 5
GENERAL PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES**

Policy	Description
CE-B.1	<p>Protect and conserve the landforms, canyon lands, and open spaces that: define the City's urban form; provide public views/vistas; serve as core biological areas and wildlife linkages; are wetlands habitats; provide buffers within and between communities; or provide outdoor recreational opportunities.</p> <ul style="list-style-type: none"> a. Utilize Environmental Growth Funds and pursue additional funding for the acquisition and management of MHPA and other important community open space lands. b. Support the preservation of rural lands and open spaces throughout the region. c. Protect urban canyons and other important community open spaces including those that have been designated in community plans for the many benefits they offer locally, and regionally as part of a collective citywide open space system (see also Recreation Element, Sections C and F; Urban Design Element, Section A). d. Minimize or avoid impacts to canyons and other environmentally sensitive land by relocating sewer infrastructure out of these areas where possible, minimizing construction of new sewer access roads into these areas, and redirecting of sewage discharge away from canyons and other environmentally sensitive lands. e. Encourage the removal of invasive plant species and the planting of native plants near open space preserves. f. Pursue formal dedication of existing and future open space areas throughout the City, especially in core biological resource areas of the City's adopted MSCP Subarea Plan. g. Require sensitive design, construction, relocation, and maintenance of trails to optimize public access and resource conservation.
CE-B.2	<p>Apply the appropriate zoning and ESL regulations to limit development of floodplains and sensitive biological areas including wetlands, steep hillsides, canyons, and coastal lands.</p> <ul style="list-style-type: none"> a. Manage watersheds and regulate floodplains to reduce disruption of natural systems, including the flow of sand to the beaches. Where possible and practical, restore water filtration, flood and erosion control, biodiversity and sand replenishment benefits. b. Limit grading and alterations of steep hillsides, cliffs and shoreline to prevent increased erosion and landform impacts.
CE-B.3	<p>Use natural landforms and features as integrating elements in project design to complement and accentuate the City's form (see also Urban Design Element, Section A).</p>
CE-B.4	<p>Limit and control runoff, sedimentation, and erosion both during and after construction activity.</p>
CE-C.1	<p>Protect, preserve, restore and enhance important coastal wetlands and habitat (tide pools, lagoons and marine canyons) for conservation, research, and limited recreational purposes.</p>
CE-C.2	<p>Control sedimentation entering coastal lagoons and waters from upstream urbanization using a watershed management approach that is integrated into local community and land use plans (see also Land Use Element, Policy LU-E-1).</p>
CE-C.3	<p>Minimize alterations of cliffs and shorelines to limit downstream erosion and to ensure that sand flow naturally replenishes beaches.</p>

**TABLE 5
GENERAL PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
CE-C.4	Manage wetland areas as described in Section H, Wetlands, for natural flood control and preservation of landforms.
CE-C.6	Implement watershed management practices designed to reduce runoff and improve the quality of runoff discharged into coastal waters.
CE-D.3	<p>Continue to participate in the development and implementation of watershed management plans.</p> <ul style="list-style-type: none"> a. Control water discharge in a manner that does not reduce reasonable use by others, damage important native habitats and historic resources, or create hazardous conditions (e.g., erosion, sedimentation, flooding and subsidence). b. Protect reservoir capacity from sedimentation. c. Improve and maintain drinking water quality and urban runoff water quality through implementation of Source Water Protection Guidelines for New Development. d. Improve and maintain urban runoff water quality through implementation of storm water protection measures (see also Urban Runoff Management, Section E). e. Encourage proper sustainable agricultural practices (if applicable) such as tillage, use of grass filter strips, runoff detention basins, and organic farming.
CE-D.4	<p>Continue to develop and implement public education programs.</p> <ul style="list-style-type: none"> a. Involve the public in addressing runoff problems associated with development and raising awareness of how an individual's activities contribute to runoff pollution. b. Work with local businesses and developers to provide information and incentives for the implementation of Best Management Practices for pollution prevention and control. c. Implement watershed awareness and water quality educational programs for City staff, community planning groups, the general public, and other appropriate groups.

**TABLE 5
GENERAL PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
CE-E.2	<p>Apply water quality protection measures to land development projects early in the process- during project design, permitting, construction, and operations- in order to minimize the quantity of runoff generated on-site, the disruption of natural water flows and the contamination of storm water runoff.</p> <ul style="list-style-type: none"> a. Increase on-site infiltration, and preserve, restore or incorporate natural drainage systems into site design. b. Direct concentrated drainage flows away from the MHPA and open space areas. If not possible, drainage should be directed into sedimentation basins, grassy swales or mechanical trapping devices prior to draining into the MHPA or open space areas. c. Reduce the amount of impervious surfaces through selection of materials, site planning, and street design where possible. d. Increase the use of vegetation in drainage design. e. Maintain landscape design standards that minimize the use of pesticides and herbicides. f. Avoid development of areas particularly susceptible to erosion and sediment loss (e.g., steep slopes) and, where impacts are unavoidable, enforce regulations that minimize their impacts. g. Apply land use, site development, and zoning regulations that limit impacts on, and protect the natural integrity of topography, drainage systems, and water bodies. h. Enforce maintenance requirements in development permit condition.
CE-E.3	<p>Require contractors to comply with accepted storm water pollution prevention planning practices for all projects.</p> <ul style="list-style-type: none"> a. Minimize the amount of graded land surface exposed to erosion and enforce erosion control ordinances. b. Continue routine inspection practices to check for proper erosion control methods and housekeeping practices during construction.
CE-E.4	<p>Continue to participate in the development and implementation of Watershed Management Plans for water quality and habitat protection.</p>
CE-E.5	<p>Assure that City departments continue to use "Best Practice" procedures so that water quality objectives are routinely implemented.</p> <ul style="list-style-type: none"> a. Incorporate water quality objectives into existing regular safety inspections. b. Follow Best Management Practices and hold training sessions to ensure that employees are familiar with those practices. c. Educate City employees on sources and impacts of pollutants on urban runoff and actions that can be taken to reduce these sources. d. Ensure that contractors used by the City are aware of and implement urban runoff control programs. e. Serve as an example to the community-at-large.

**TABLE 5
GENERAL PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
CE-E.6	<p>Continue to encourage "Pollution Control" measures to promote the proper collection and disposal of pollutants at the source, rather than allowing them to enter the storm drain system.</p> <ul style="list-style-type: none"> a. Promote the provision of used oil recycling and/or hazardous waste recycling facilities and drop-off locations. b. Review plans for new development and redevelopment for connections to the storm drain system. c. Follow up on complaints of illegal discharges and accidental spills to storm drains, waterways, and canyons.
CE-E.	<p>Manage floodplains to address their multi-purpose use, including natural drainage, habitat preservation, and open space and passive recreation, while also protecting public health and safety.</p>
CE-G.1	<p>Preserve natural habitats pursuant to the MSCP, preserve rare plants and animals to the maximum extent practicable, and manage all City-owned native habitats to ensure their long-term biological viability.</p> <ul style="list-style-type: none"> a. Educate the public about the impacts invasive plant species have on open space. b. Remove, avoid, or discourage the planting of invasive plant species. c. Pursue funding for removal of established populations of invasive species within open space.
CE-G.2	<p>Prioritize, fund, acquire, and manage open spaces that preserve important ecological resources and provide habitat connectivity.</p>
CE-G.3	<p>Implement the conservation goals/policies of the City's MSCP Subarea Plan, such as providing connectivity between habitats and limiting recreational access and use to appropriate areas.</p>
CE-G.4	<p>Protect important ecological resources when applying floodplain regulations and development guidelines.</p>
CE-G.5	<p>Promote aquatic biodiversity and habitat recovery by reducing hydrological alterations, such as grading a stream channel.</p>
CE-H.1	<p>Use a watershed planning approach to preserve and enhance wetlands.</p>
CE-H.2	<p>Facilitate public-private partnerships that improve private, federal, state and local coordination through removal of jurisdictional barriers that limit effective wetland management.</p>
CE-H.3	<p>Seek state and federal legislation and funding that support efforts to research, classify, and map wetlands including vernal pools and their functions, and improve restoration and mitigation procedures.</p>
CE-H.4	<p>Support the long-term monitoring of restoration and mitigation efforts to track and evaluate changes in wetland acreage, functions, and values.</p>
CE-H.5	<p>Support research and demonstration projects that use created wetlands to help cleanse urban and storm water runoff, where not detrimental to natural upland and wetland habitats.</p>

**TABLE 5
GENERAL PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
CE-H.6	Support educational and technical assistance programs, for both planning and development professionals, and the general public, on wetlands protection in the land use planning and development process.
CE-H.7	Encourage site planning that maximizes the potential biological, historic, hydrological and land use benefits of wetlands.
CE-H.8	Implement a “no net loss” approach to wetlands conservation in accordance with all city, state, and federal regulations.
CE-J.1	Develop, nurture, and protect a sustainable urban/community forest.

SOURCE: City of San Diego General Plan Conservation Element 2008.

4.4 CPU Plan Policies

The CPU presents goals and policies for biological resources in the Conservation Element. Relevant excerpts from this element are included in Table 6 below.

**TABLE 6
CPU PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES**

Policy	Description
LU 2.1-2	Achieve comprehensive neighborhood and community village development through Specific Plans that: <ul style="list-style-type: none"> c. Respect the natural topography and sensitive habitat areas with growth patterns that balance development with preservation of natural resources. d. Provide a land use map that illustrates the detailed land use designations, including any lands set aside for resource conservation. The specific plan land use map will refine the Otay Mesa Community Plan Land Use Map as part of the specific plan approval process. g. Illustrate a separate system of pedestrian and bicycle pathways linking the activity centers with the residential areas, public facilities, and open space systems.
LU 2.6-1	Maintain the existing open space, and collaborate with the Wildlife Agencies, environmental groups, and the public to ensure adequate conservation for sensitive biological resources.
LU 2.6-2	Create a close relationship between the natural environment of the Otay River Valley, Spring Canyon, and the Dennery Canyon systems and developed areas through the provision of multi-use trails and educational elements.
LU 2.6-3	Maintain existing parks within the Northwest District, and develop remaining parks in the Riviera Del Sol and Hidden Trials neighborhoods.
LU 2.6-4	Identify and provide population-based parks per the General Plan standards at locations that are accessible and centrally located to most users within the Southwest and Central villages.

**TABLE 6
CPU PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
UD 4.1-2	Incorporate interpretive centers to provide educational information for sensitive resources within the Dennery Canyon system and the Otay River Valley as new development and redevelopment occurs.
UD 4.2-6	Consider landscape as a major element of the streetscape and incorporate a consistent theme along the roadways while including an appropriate mix of plant types in order to provide a diverse ecosystem.
UD 4.3-1	Employ sensitive design techniques when developing adjacent to Otay Mesa's natural canyon and open space systems. a. Comply with General Plan policies UD-A.2 and UD-A.3.
PF 6.1-3	Enforce brush management regulations in vacant areas in order to reduce the risk of fire-related emergencies.
RE 7.1-7	When siting and locating new parks consider the following: e. Orient and design new parks adjacent to canyon/open space edges, when feasible, to enhance public views and create a buffer between natural open space areas and other built land uses.
RE 7.2-1	Balance goals to preserve MHPA and open space areas with opportunities for providing recreation. a. Maintain Spring Canyon and portions of the Otay Valley Regional Park in their natural state. Future uses should be compatible with the open space concept, and may include hiking, bicycling, and sightseeing. b. Create a close relationship between the natural environment of Spring Canyon and developed areas through an extensive parks, recreation, and open space system by connecting parks to open space trails, bike routes, and sidewalks.
RE 7.2-2	Minimize activities that require alterations to the natural open space.
RE 7.2-3	Require the sensitive placement of structures such as benches, picnic tables in open space areas.
RE 7.2-4	Locate scenic overlooks, and parks adjacent to Spring Canyon and Otay River Valley trail entrances. a. Design scenic overlooks and trail entrances using natural materials and native plant species to reflect the natural surroundings. b. Include benches, picnic tables, or other types of seating at trail entrances. c. Include information boards and trail maps at trail entrances.
RE 7.2-5	Support efforts to designate trails and create a comprehensive trails system within Spring Canyon and the Otay Valley Regional Park's Dennery Canyon open space areas.
RE 7.2-6	Seek to obtain public access easements across private property for bike/hike trails areas.
CE 8.1.1	Implement the ESL ordinance related to biological resources and steep slopes for all new development.
CE 8.1.2	Preserve a network of open and relatively undisturbed canyons containing a full ensemble of native species and providing functional wildlife habitat and movement capability.

**TABLE 6
CPU PLAN POLICIES RELATING TO BIOLOGICAL RESOURCES
(continued)**

Policy	Description
CE 8.1.3	Plan development to minimize grading and relate to the topography and natural features of Otay Mesa.
CE 8.1.4	Implement the MSCP Management Policies and Directives for Otay Mesa through the project review process.
CE 8.1.5	Implement City regulations and Biology Guidelines for preservation, acquisition, restoration, management, and monitoring of biological resources.
CE 8.1.6	Implement Area Specific Management Directives and Conditions of Coverage as stated in Table 3-5 of the MSCP Subarea Plan for species protected in Otay Mesa and identified in Table 8-1 of the CPU.
CE 8.1.7	<p>Require preservation, restoration, management, and monitoring within identified vernal pool preservation areas in accordance with City, state, and federal policies and regulations. The boundaries of vernal pool preserve areas should be of sufficient size and shape to protect the vernal pool basins, watersheds, functional buffers, and areas necessary to maintain vernal pool ecosystem function and species viability.</p> <ul style="list-style-type: none"> a. Design, as feasible, the preserve areas to provide connectivity between vernal pools, surrounding open space, and nearby vernal pool complexes. b. Conduct management and monitoring of preserved and restored vernal pool sites in accordance with the citywide regulations and Biology Guidelines.
CE 8.1.8	Amend the Otay Mesa Community Plan as needed for consistency with an adopted HCP.
CE 8.1.9	Foster local stewardship and develop positive neighborhood awareness of the open space preserve areas with environmental education programs through local schools, homeowners associations, community groups, and other public forums that address the local ecosystem and habitat preservation. Incorporate hands-on learning via neighborhood hikes or other initiatives that present information in a manner that will increase interest in the natural world.
CE 8.1.10	Require development to obtain all required state and federal permits.
CE 8.1.11	Encourage the development of a comprehensive approach to habitat identification, management, and establishment of preservation nodes in order to address long term survival of the burrowing owl on Otay Mesa.
CE 8.5.1	Ensure the overall tree cover and other vegetation throughout Otay Mesa is no less than 20 percent in urban residential areas and 10 percent in the business areas so that the natural landscape is sufficient in mass to provide significant benefits to the city in terms of air and water management.
CE 8.5.2	Work with the City's Urban Forestry Division to coordinate the appropriate selection and location of shade-producing trees from the Otay Mesa Community Street Tree Plan.
CE 8.5.3	Require new development to retain significant and mature trees, where feasible.
CE 8.5.4	Support public outreach efforts to educate business owners, residents, and school children on the care of and environmental benefits of shade-producing street trees.
CE 8.5.5	Plant trees strategically to achieve energy savings. Generally, orient tree plantings so that building structures maximize shading and cooling benefits from the canopy spread.

5.0 Project Impacts

Impacts associated with implementation of the CPU are analyzed below. The biological impacts of the CPU were assessed according to guidelines set forth in the City of San Diego's Development Services Department CEQA Significance Thresholds (2011b) and the MSCP (City of San Diego 1997). Mitigation would be required for impacts that are considered significant under these guidelines. Impact areas were based on the CPU Land Use Plan and include the following categories of development (residential, commercial, industrial, institutional, parks, and right-of-way). The impact area shown in Table 7 is subdivided into impacts occurring inside or outside of the MHPA. Up to 25 percent development in the least sensitive area would be allowed within ESL if future development is proposed. Impacts to lands within the MHPA and SanGIS Conserved Lands database would only occur from three CPU circulation element roads (e.g., Beyer Boulevard, Airway Road, and Del Sol Boulevard).

5.1 Vegetation Community Impacts

The proposed CPU land use plan would impact a maximum of approximately 1948.18 acres of the 9,349.08-acre study area (Figure 9). Table 7 summarizes the acreage of vegetation communities and land cover types that would be impacted by build-out of the CPU. The impact footprint does not include land previously characterized as developed (i.e., developed or entitled and mitigated for, not necessarily built/graded) or ornamental/landscape vegetation as only impacts to sensitive vegetation communities or habitat as defined by the City's Biology Guidelines and ESL Regulations would be considered significant (see Section 6.3.1).

**TABLE 7
ANTICIPATED IMPACTS TO VEGETATION COMMUNITIES AND LAND COVER TYPES
WITHIN THE CPU**

Vegetation Communities/ Land Cover Type	CPU Impact Area		Total
	Inside MHPA*	Outside MHPA	
Non-native grassland	10.9	1,219.5	1,230.4
Diegan coastal sage scrub	1.4	160.6	162
Disturbed land	0	374.2	374.2
Maritime succulent scrub	0.78	64.7	65.48
Agriculture	0.1	110.6	110.7
Riparian	0.35	0	0.35
Non-native vegetation	0	0.1	0.1
Vernal pool	0.05	2.9	2.95
Basin with fairy shrimp	0**	0.7	0.7
Mule fat scrub	1.3	0	1.3
Southern mixed chaparral	0	0	0
Alkali Seep	0	0	0
Freshwater marsh	0	0	0
Eucalyptus woodland	0	0	0
TOTAL	14.88	1,933.3	1948.18

*Lands within the MHPA that have not been 100 percent conserved have the potential for a 25 percent loss in the least sensitive area due to allowable encroachment under the MSCP.

** impact acreage less than 0.01

5.2 Impacts to Common Wildlife Species

The impact to common wildlife species would result from the loss of a maximum of approximately 1948.18 acres of the study area. Wildlife using the site would be displaced and some small mammals, amphibians, and reptiles with low mobility may be inadvertently harmed during grading of the site. Impacts to common wildlife species are considered less than significant, as they are not classified as sensitive by the City of San Diego (City of San Diego 2012).

5.3 Sensitive Biological Resources Impacts

Impacts to unique, rare, endangered, sensitive, or fully protected species of plants or animals would occur with implementation of the CPU. Impacts to sensitive biological resources would be considered significant and could be mitigated at the project level in accordance with ESL Regulations and the City’s Biology Guidelines.

Due to the fact that portions of the biological resource assessment are based on secondary source information rather than site specific field surveys, the impacts would be refined for individual projects. Instead, the program-level analysis identifies areas of potential impacts associated with implementation of the overall CPU. Site-specific

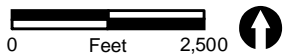
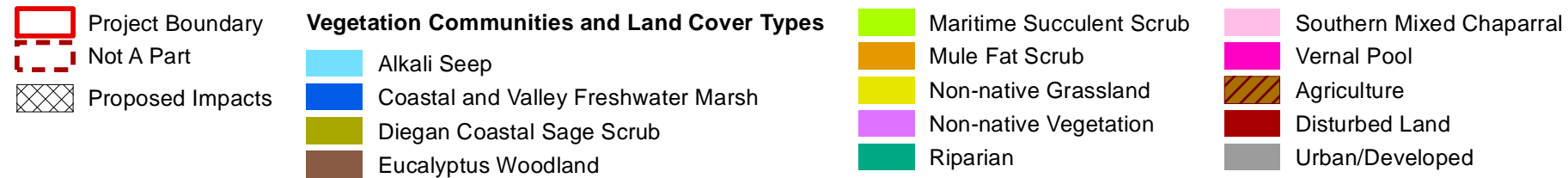
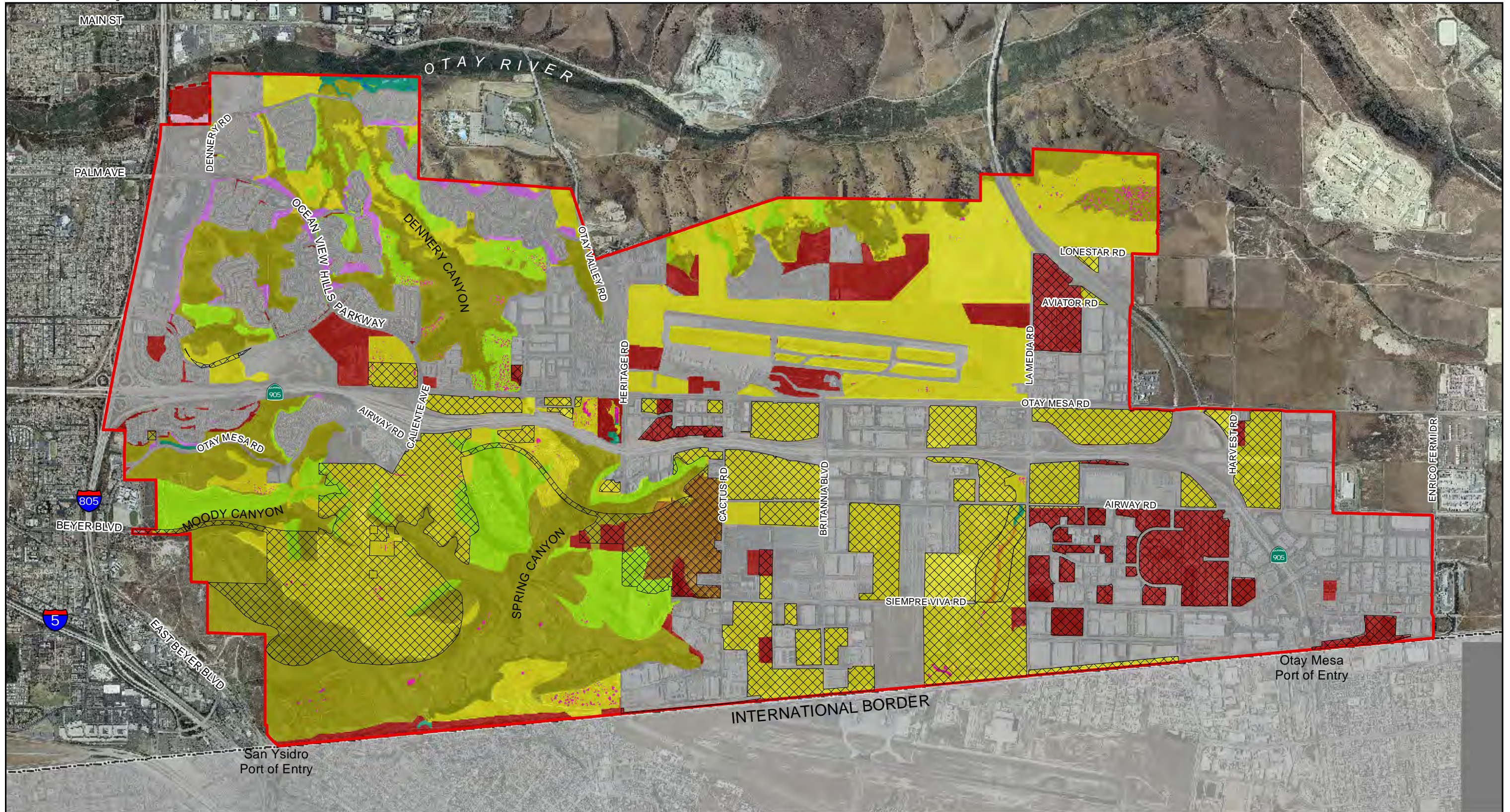


FIGURE 9
Impacts to Vegetation Communities and Land Cover Types

THIS PAGE IS INTENTIONALLY BLANK.

surveys would be conducted for future project-level review to verify the presence of sensitive plant species occurring on individual properties and determine the extent of any potential impacts.

5.3.1 Sensitive Vegetation Communities

Implementation of the CPU has the potential to result in loss of on-site sensitive vegetation communities. These sensitive habitats include upland communities in Tiers I-III B as shown on Figure 10. Potential impacts to sensitive vegetation communities would include the loss of basins with fairy shrimp, Diegan coastal sage scrub, maritime succulent scrub, non-native grassland, riparian, and vernal pools. Table 7 provides the acreage of each habitat type that would be impacted by the CPU. Impacts to wetlands, including vernal pools, are discussed in Section 6.5.

5.3.2 Sensitive Plants

Implementation of the CPU has the potential to impact 17 sensitive plant species known to occur on-site. Precise locations of sensitive plant species would be identified through on-site reconnaissance in conjunction with proposed future development.

Ten of the plant species are federally listed, state listed, and/or MSCP-covered species. These include:

Otay tarplant is state listed as endangered and a federally listed as threatened (State of California 2012b). It is considered a narrow endemic species under the MCSP and has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California or elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). Habitat for this species is coastal sage scrub, valley and foothill grasslands in clay soils.

San Diego ambrosia is federally listed as endangered (State of California 2012b). It is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). Habitat for this species is disturbed areas in chaparral, coastal scrub, grassland, or vernal pool communities or along creek beds, seasonally dry drainages, and floodplains along the edge of willow woodland, in Riverwash or sandy alluvial soils.

Variiegated dudleya is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.2 (Rare, threatened, or endangered in California or elsewhere; fairly endangered in California) (City of San Diego 1997, CNPS 2012). It can be found in openings in chaparral, coastal sage scrub, grasslands, or vernal pool habitats.

San Diego button-celery is federally and state listed as endangered (State of California 2012b). It is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California or elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). It is found in vernal pools and wet areas within coastal sage scrub and grasslands.

Spreading navarretia is federally listed as threatened, is considered a narrow endemic species under the MSCP, and has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (State of California 2012b; City of San Diego 1997, CNPS 2012). Its habitat is vernal pools, marshes, and swamps. A portion of the Otay Mesa area has been designated as critical habitat by the USFWS for spreading navarretia (Figure 11).

California Orcutt grass is a state and federally endangered species (State of California 2012b). It is considered a narrow endemic species under the MSCP and has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). This species grows in vernal pools.

Otay mesa mint is state and federally listed as an endangered species and has a CNPS Rare Plant Ranking of 1B.1 (Rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (State of California 2012b; CNPS 2012). It is considered a narrow endemic under the MSCP (City of San Diego 1997). This plant grows in vernal pools.

Small-leaved rose is state listed as endangered, covered under the MSCP, and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (State of California 2012b; City of San Diego 1997, CNPS 2012). Its habitat is coastal sage scrub. It is known in California from only one occurrence on Otay Mesa. Because this location of this species is part of a translocation program within the Ocean View Hills project (approved and built), impacts would not be anticipated.

San Diego goldenstar is a covered species under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). It occurs in chaparral, coastal sage scrub, grasslands, and vernal pool habitats.

San Diego barrel cactus is a covered species under the MSCP and has a CNPS Rare Plant Ranking of 2.1 (rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) (City of San Diego 1997, CNPS 2012). It is found in chaparral, coastal sage scrub, grassland, and vernal pool habitats.

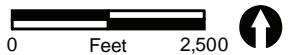
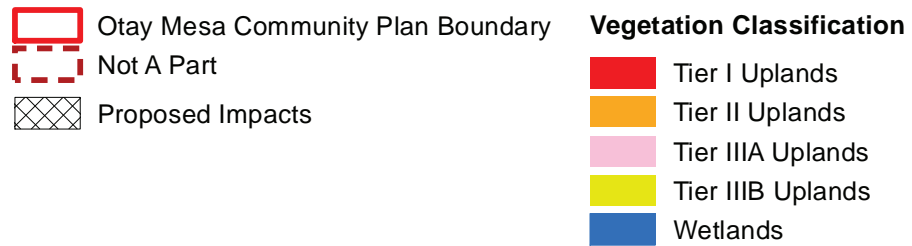
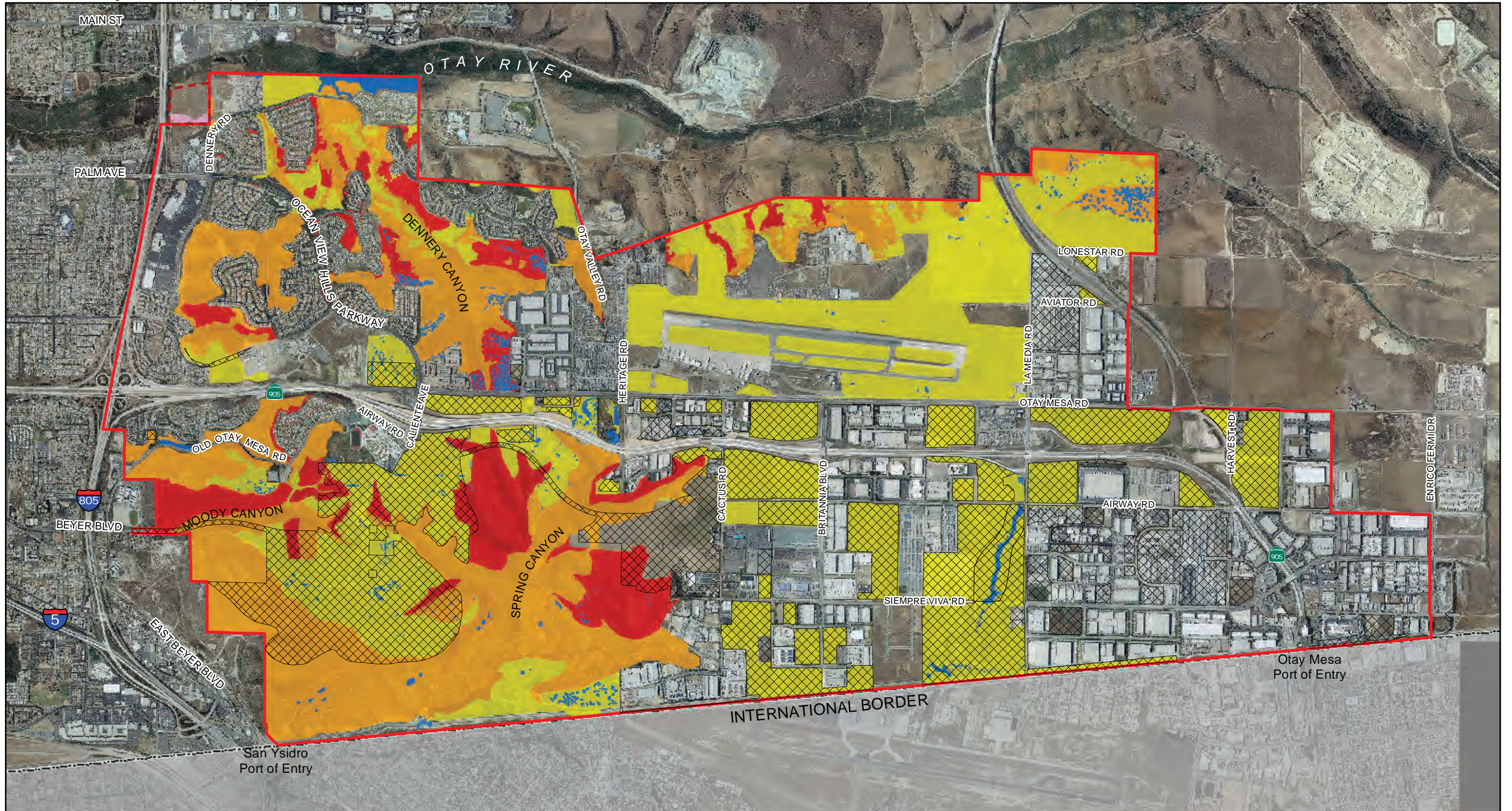
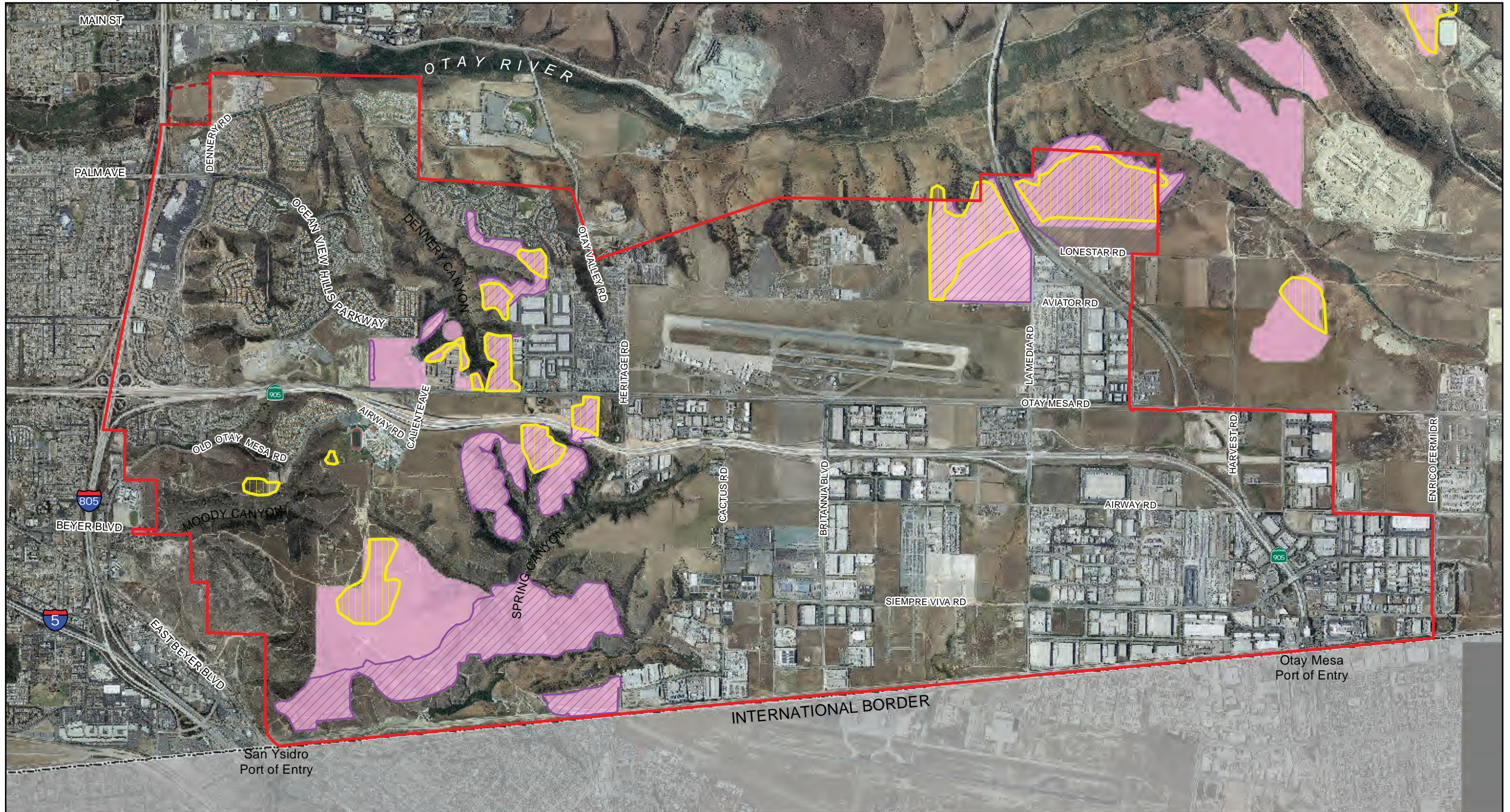


FIGURE 10
Impacts to Sensitive Vegetation Communities

THIS PAGE IS INTENTIONALLY BLANK.



- Otay Mesa Community Plan Boundary
- Not A Part
- USFWS Critical Habitat for Spreading Navarretia
- USFWS Critical Habitat for Riverside Fairy Shrimp
- USFWS Critical Habitat for San Diego Fairy Shrimp

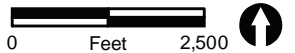


FIGURE 11

Location of Designated Critical Habitat for Spreading Navarretia, San Diego Fairy Shrimp and Riverside Fairy Shrimp within the Otay Mesa Community Plan Boundary

THIS PAGE IS INTENTIONALLY BLANK.

Additional plant species are not covered in the MSCP, but considered rare and occurring on the CNPS List. These include:

South coast saltscale has a CNPS Rare Plant Ranking of 1B.2 (rare, threatened, or endangered in California, but more common elsewhere; fairly endangered in California) and is found in coastal sage scrub habitat (CNPS 2012).

Nuttall's scrub oak has a CNPS Rare Plant Ranking of 1B.1 (rare, threatened, or endangered in California and elsewhere; seriously endangered in California) (CNPS 2012). It is found in chaparral and coastal sage scrub habitats.

San Diego bur-sage has a CNPS Rare Plant Ranking of 2.1 (Rare, threatened, or endangered in California, but more common elsewhere; seriously endangered in California) and is found in coastal sage scrub (CNPS 2012).

Golden-spined cereus has a CNPS Rare Plant Ranking of 2.2 (rare, threatened, or endangered in California, but more common elsewhere; fairly endangered in California) and is found in chaparral and coastal sage scrub (CNPS 2012).

Cliff spurge has a CNPS Rare Plant Ranking of 2.2 (rare, threatened, or endangered in California, but more common elsewhere; fairly endangered in California) and is found in coastal sage scrub and maritime succulent scrub (CNPS 2012).

Little mousetail has a CNPS Rare Plant Ranking of 3.1 (needs review; seriously endangered in California) and is found in vernal pools and grasslands (CNPS 2012).

San Diego County viguiera has a CNPS Rare Plant Ranking of 4.2 (uncommon in California; fairly endangered in California) and is found in chaparral and coastal sage scrub (CNPS 2012).

5.3.3 Sensitive Wildlife

Implementation of the CPU has the potential to impact sensitive wildlife species known to occur on-site. Precise locations of sensitive wildlife species and suitable habitat would be identified through on-site reconnaissance in conjunction with proposed future development. Potentially affected species and suitable habitat are described below.

5.3.3.1 Federally Listed Endangered Species

The federally endangered Quino checkerspot butterfly, San Diego fairy shrimp, Riverside fairy shrimp, and least Bell's vireo could be impacted with proposed future development implemented in accordance with the CPU lands use plan. Impacts to the San Diego fairy shrimp, Riverside fairy shrimp, least Bell's Vireo, and Quino checkerspot butterfly must be approved by USFWS under Section 7 or 10(A) of FESA.

The San Diego fairy shrimp and Riverside fairy shrimp are federally listed endangered species. The City relinquished federal coverage of these species in the MSCP, but has retained state coverage through the MSCP. They are both associated with vernal pool habitat and have designated critical habitat in Otay Mesa (see Figure 11).

The Quino checkerspot is also a federally listed endangered species and a non-covered species in the MSCP. It occurs in open dry areas of the mesa and has designated critical habitat in Otay Mesa.

The least Bell's vireo is a federally and state listed endangered species and an MSCP covered species that could nest in the CPU. It is a migratory species and summer resident in riparian woodlands dominated by willows.

5.3.3.2 Federally Listed Threatened Species

The coastal California gnatcatcher, a federally listed threatened species, CDFW listed species of special concern, and MSCP covered species, could be impacted with future development implemented in accordance with the CPU land use plan. Coastal sage scrub and maritime succulent scrub habitat occupied by the coastal California gnatcatcher occurs in the CPU area. Direct impacts to occupied habitat that occurs in an MHPA area could be impacted under the proposed CPU land use plan. Indirect impacts (temporary construction noise) may occur to this species if construction occurs during the breeding season.

5.3.3.3 State Listed Endangered Species

The least Bell's vireo is a federally and state listed endangered species and an MSCP covered species that could nest in the CPU area. As such, impacts to least Bell's vireo must comply with the federal and state regulations regarding take of a listed species.

5.3.3.4 CDFW Species of Special Concern

The western burrowing owl is a CDFW species of special concern, USFWS bird of conservation concern, and MSCP covered species that is known to occur within the CPU area. The western burrowing owl occupies open areas, including native and non-native grassland, sparsely vegetated shrubland, agricultural land, disturbed habitat, as well as disturbed land. They typically nest in ground squirrel or other small mammal burrows, but may dig their own nests in soft soil or use culverts or drainage pipes. The burrowing owl population located within the Otay Mesa area is the largest remaining population of this species in San Diego County (Unitt 2004).

Impacts to burrowing owls would include not only direct impacts to individuals, nests, and suitable nesting habitat, but also indirect impacts from "eradication of host

burrowers; changes in vegetation management (i.e., grazing); use of pesticides and rodenticides; destruction, conversion or degradation of nesting, foraging, over-wintering or other habitats; destruction of natural burrows and burrow surrogates; and disturbance which may result in the harassment of owls at occupied burrows” (CDFW 2012). Implementation of the CPU may result in impacts to 1,230.4 acres of non-native grassland, 110.7 acres of agricultural land, and 374.2 acres of disturbed land. Impacts to non-native grassland would affect the preferred habitat of the burrowing owl and would likely reduce population numbers. Although the species prefers grasslands, it is also known to use agricultural lands and disturbed lands when suitable grassland habitat is not available near an occupied area. Therefore, impacts to agricultural and disturbed lands need to be evaluated for their potential to support the burrow owl.

As a part of future environmental analysis for future projects, burrowing owl surveys would be required to be conducted in suitable habitat to determine if this species is present and to locate active burrows and burrow complexes. If burrowing owls are present, mitigation measures must be implemented, including avoidance of impacts inside the MHPA. Outside the MHPA impacts must be avoided to the maximum extent practicable by the relocation of owls out of impact areas by trained professionals and the conservation of occupied burrowing owl habitat or conservation of lands appropriate for restoration, management, and enhancement of burrowing owl nesting and foraging requirements to compensate for lost habitat. Management plans and directives must be prepared for these burrowing owl conservation lands in accordance with CDFW’s staff report for burrowing owls dated March 2012 and would be subject to approval by the Wildlife Agencies.

Raptors, including the Cooper’s hawk and northern harrier, are known to forage in the CPU area and may nest in suitable habitats within the CPU area. Cooper’s hawk is a CDFW species of concern, USFWS bird of conservation concern, and MSCP covered year-round resident in San Diego. The Cooper’s hawk habitat includes mature forest, open woodlands, woodland edges, parks, and residential areas. The northern harrier is a CDFW species of concern and MSCP covered migrant and winter resident in San Diego. The northern harrier occupies coastal lowlands, marshes, grassland, and agricultural fields. The CPU would remove up to approximately 1,459.53 acres of foraging habitat for birds of prey (including approximately 1,230.4 acres of non-native grasslands and 229.13 acres of scrubland). In compliance with the Migratory Bird Treaty Act (MBTA) and Section 3503 of the California Fish and Wildlife Code, no active nests of migratory bird species may be impacted during project construction.

Coastal cactus wren is CDFW species of special concern, USFWS bird of conservation concern, and MSCP covered species. It occupies maritime succulent scrub and coastal sage scrub. Any impacts to these habitat types could impact the coastal cactus wren. Proposed future development projects would be required to conduct focused protocol surveys for the coastal cactus wren if suitable habitat is determined to be present.

Additional CDFW species of special concern occurring in the CPU area include San Diego horned lizard and Belding's orange-throated whiptail. Both are MSCP-covered and occupy chaparral and coastal sage scrub habitats.

Others include western spadefoot, Coronado skink, red diamond rattlesnake, loggerhead shrike (USFWS bird of conservation concern), yellow-breasted chat, northwestern San Diego pocket mouse, San Diego woodrat, and San Diego black-tailed jackrabbit. These species are not covered by the MSCP.

5.3.3.5 CDFW Fully Protected Species

Other raptors, such as the golden eagle (CDFW fully protected species and species of special concern; USFWS bird of conservation concern; MSCP covered) and white-tailed kite (CDFW fully protected species), may nest or winter in the CPU area. The golden eagle requires vast foraging areas in grassland, broken chaparral, or sage scrub. It nests in cliffs and trees.

5.3.3.6 Other MSCP Covered Species

Southern California rufous-crowned sparrow is a CDFW watch list and MSCP covered species that occupies coastal sage scrub, chaparral and grassland.

5.3.3.4 Other Non-covered Sensitive Species

These include species listed or considered sensitive but are not covered in the City's MSCP: great egret; black-crowned night heron; prairie falcon (CDFW watch list; federal bird of conservation concern); California horned lark (CDFW watch list) in addition to the species listed above.

5.4 Jurisdictional Waters/Wetlands

Wetlands habitats in the CPU area consist primarily of vernal pools, basins with fairy shrimp, freshwater marsh, alkali seep, and riparian habitat. Figure 9 illustrates the locations of potential impacts to these categories of wetlands with implementation of the CPU.

The City of San Diego's Biology Guidelines, ESL Regulations, and MSCP Subarea Plan require, in general, that impacts to wetlands, which include vernal pools, shall be avoided and that a sufficient buffer shall be maintained around all wetlands to protect wetland functions and values. In the case of vernal pools, avoidance includes maintaining a sufficient amount of the pool's watershed area necessary for its continued viability and providing a buffer around the vernal pool to protect wetland functions and

values. Buffer distances are typically 100 feet, but in some cases, a lesser buffer may be approved provided it can be demonstrated that the functions and values of the wetland are not compromised.

Projects with proposed impacts to wetlands in the City of San Diego require a deviation from the ESL Regulations. Wetland impacts may be considered under the following three options: the Essential Public Projects, Economic Viability Option, or Biologically Superior Option. Under the wetland deviation process for the Essential Public Projects and Economic Viability Options impacts must be avoided, but if not feasible, then impacts must be minimized to the maximum extent practicable. Under the wetland deviation process for the Biologically Superior Option, only wetland resources of low biological quality may be impacted and must result in a biologically superior outcome. The assessment of low biological quality would be specific to the resource type impacted (e.g., vernal pools, riparian, and unvegetated channels), and shall include consideration of the following factors: use of the wetland by federal and/or state endangered, threatened, sensitive, rare and/or other indigenous species, diversity of native flora and fauna enhancement or restoration potential, habitat function/ecological role, connectivity to other wetland or upland systems, hydrologic functions, status of watershed, and source and quality of water. In addition, impacts to vernal pools would require special assessments as noted in Section 5.4.1.

Impacts to wetlands would be considered significant, but could be mitigated for at the project level. Projects with any proposed impacts to wetlands must clearly demonstrate that: (1) there is no least environmentally damaging alternative that would reduce/avoid the impact; (2) impacts are minimized to the maximum extent possible; and (3) impacts are fully mitigated in accordance with the City of San Diego's Biology Guidelines.

5.4.1 Vernal Pools

Vernal pools and basins with fairy shrimp occur throughout the CPU area. As mentioned previously, basins with fairy shrimp may be considered vernal pools or road ruts and must be based on protocol surveys. Project-specific analysis would be required for proposed future projects during project approval to determine what agencies (City, USFWS, RWQCB, USACE, or CDFW) have regulatory authority over vernal pools and basins with fairy shrimp.

Implementation of the CPU has potential to impact up to 2.95 acres of vernal pools and 0.7 acre of basins with fairy shrimp. It is recognized that as future development projects come forward, the impacts could be lessened or avoided depending on site-specific project designs.

Impacts to vernal pools and basins with fairy shrimp would require a deviation from the City of San Diego's ESL Regulations. The vernal pools which could be impacted would

require the following assessments: presence of vernal pool flora and fauna, information on hydrology, determination of habitat function, and restoration potential. In addition, protocol fairy shrimp surveys would be required for all vernal pools to determine the presence or absence of these species. Impacts to fairy shrimp would require authorization under a Section 10(a)1(A) permit or Section 7 consultation from the USFWS.

A draft vernal pool HCP is currently being prepared by the City and Wildlife Agencies. The vernal pool HCP will propose vernal pool preserve areas for conservation as well as vernal pool areas with potential for development. If adopted, the City would have “take” authority for fairy shrimp occurring within the vernal pool HCP areas. Impacts to vernal pool HCP areas would be required to comply with the City of San Diego’s ESL Regulations.

5.4.2 Other Jurisdictional Wetlands

Implementation of the CPU has potential to result in impacts to both wetland and non-wetland streambed waters regulated by the USACE, CDFW, RWQCB, and City of San Diego. In addition, the USFWS would be involved under Section 7 of the FESA during consultation initiated by the USACE during the 404 permit process if federal listed species are present. If there is no federal nexus to jurisdictional waters then a Section 10(A) authorization from USFWS would be required to cover any potential affects to federal listed species. There is also the potential for additional unmapped non-wetland waters of the U.S. and streambeds to occur within the project area. Future development has the potential to result in disturbances to habitat and drainages that are under the jurisdiction of the USACE according to Section 404 of the Clean Water Act, RWQCB in accordance with Section 401 of the Clean Water Act, and CDFW under Section 1600 of the Fish and Wildlife Code. In addition, impacts to wetlands would require a deviation from the City of San Diego’s ESL Regulations. Wetland and jurisdictional impacts would be determined at the project level and would require subsequent environmental review. It is recognized that as future development projects come forward, the impacts could be lessened or avoided depending on site-specific project designs. All impacts to wetlands are considered significant.

5.5 Wildlife Movement Corridors

Wildlife movement within the CPU area focuses on the canyon areas which are part of the adopted MHPA open space system. This MHPA network in the Otay Mesa area, along with the City of Chula Vista’s and County’s MSCP Subarea Preserve Areas which are contiguous to the northeast portion of the CPU, is planned to link to the regionally significant Otay River Valley. Dennery and Spring canyons and the smaller canyons along the northern boundary that drain into Otay River Valley are key local components

of the wildlife movement corridors within the MHPA network. The CPU maintains the planned habitat linkage corridors of the MHPA in terms of location and acreage; however, CPU Mobility Element roads, utility lines, and/or temporary construction activities are within the MHPA and have potential to impact wildlife movement directly as a result of habitat loss or fragmentation. Additionally, as shown on Figure 7, some of these lands have been conserved.

Several of the community plan roads are planned within, adjacent to or would cross MHPA and SanGIS Conserved Lands Database. These roads are currently in various stages of development and include the following:

- The Beyer Boulevard alignment would run along Moody Canyon within the MHPA.
- Airway Road would cross the northern tip of the Spring Canyon within the MHPA and connect with Heritage/Otay Valley Road.
- Otay Mesa Road, Ocean View Hills Parkway, and Del Sol Boulevard would cross Moody Canyon within the MHPA.
- Dennery Road would run through the Dennery Canyon within the MHPA.
- The northern extension of Heritage/Otay Valley Road would extend into the Otay River Valley and run along the edge of a portion of the MHPA within the CPU area. Heritage Road would cross the Spring Canyon within the MHPA.
- Portions of La Media Road and Siempre Viva Road would run close to MHPA areas but would not cross them.

According to the MSCP Subarea Plan, roads in the MHPA are limited to Community Plan Circulation Element roads, collector streets, and necessary maintenance/emergency access roads. The MSCP identifies several policies aimed at protecting the integrity of the wildlife corridors. Such policies address minimizing disruption caused by construction and staging areas; avoiding canyon bottoms and allowing wildlife movement through use of bridges or culverts where roads cross the MHPA; narrowing of roads to minimize habitat fragmentation and disruption of wildlife movement; and placing roads in lower quality habitat or disturbed areas to the extent possible.

5.6 Multi-Habitat Planning Area

As designated in the City's MSCP Subarea Plan, the MHPA is the permanent preserve area for habitat conservation. In the CPU area, the MHPA is primarily a network of canyons and drainages that connect to the Otay River Valley (off-site; see Figure 7).

Overall, the MHPA in the Otay Mesa area supports sensitive habitats (coastal sage scrub, maritime succulent scrub, wetlands, vernal pools) and significant populations of MSCP covered species, both plant and wildlife. Direct impacts to the MHPA are summarized in Table 7. In addition, lands within the MHPA that have not been preserved as open space have the potential for a 25 percent loss in the least sensitive area due to allowable encroachment under the MSCP.

5.6.1 MHPA Consistency

The CPU is generally consistent with the currently designated MHPA preserve areas. As mentioned previously, several roads included on the CPU circulation plan would be within or cross the MHPA. The MSCP limits roads in the MHPA to those identified in community plan circulation element, collector streets essential for area circulation, and necessary maintenance/emergency access roads. Local streets should not cross the MHPA except where needed to access isolated development areas. The MSCP provides additional policies relating to the construction of roads to minimize impacts and fragmentation of sensitive species and habitat.

Other allowed uses outlined in Section 6.2 of the MSCP include: (1) existing uses, (2) public access and recreation, (3) infrastructure, scientific and biologic activities, and (4) emergency, safety and police services. The MSCP provides specific requirements relating to the implementation of these allowed uses. All activities must be consistent with the MSCP Subarea Plan. Impacts from these allowed uses would be determined at the project level and would require subsequent environmental review.

A MHPA Boundary Line Correction was approved by the City and Wildlife Agencies on March 13, 2013. Due to a mapping registration error, the MHPA was mapped over 3.7 acres of existing development permitted as part of the International Business Center Project (EQD No. 86-0535), which was approved in the late 1980s. The MHPA boundary was shifted to the south in order to remove the approved developed area and to add the 10.8 acres in Wruck Canyon that had been conserved as part of the International Business Center Project. The correction resulted in a net gain of 7.1 acres within the MHPA.

5.6.2 MHPA Boundary Adjustments

MHPA boundary adjustment(s) may be proposed as part of future development within the CPU area. The City's MSCP allows for adjustments to the MHPA boundary without the need to amend the Subarea Plan, provided the boundary adjustment results in an area of equivalent or higher biological value. Six functional equivalency criteria must be met for a boundary adjustment. Any MHPA boundary adjustments would require concurrence from the Wildlife Agencies. Any necessary MHPA boundary adjustments and functional equivalencies would be addressed at the time future development

proposals are brought forward pursuant to an adopted CPU. Potential impacts to the MHPA preserve configuration as a result of MHPA boundary adjustments would not be considered significant, because the adjustment must meet the required equivalency criteria from the Wildlife Agencies and obtain approval.

5.6.3 MHPA Land Use Adjacency Guidelines

The MHPA has been designed to maximize conservation of sensitive biological resources, including sensitive species. When land is developed adjacent to the MHPA, there is a potential for secondary impacts that may degrade the habitat value or disrupt animals within the preserve area. These secondary effects of project development may include habitat insularization, drainage/water quality impacts, lighting, noise roadkill, exotic plant species, nuisance animal species, and human intrusion. These impacts could be short-term resulting from construction activities, or long-term. Short-term construction impacts could result in disruption of nesting and breeding thus affecting the population of sensitive species. To address these concerns, the MSCP includes a set of MHPA Land Use Adjacency Guidelines that are to be evaluated and implemented at the project level.

Indirect effects can occur wherever development and human activity is adjacent to natural areas. These effects include those due to increased runoff, trampling and removal of plant cover due to hiking, biking and other human activities, increased presence of toxins, increased nighttime light levels, and redirection or blockage of wildlife movement, increased levels of non-native and invasive plants. These indirect effects could reduce the quality of the MHPA. The Land Use Adjacency Guidelines require certain measures to be incorporated in the design of projects adjacent to the MHPA to reduce indirect impacts to a level that is less than significant.

As implementation of the CPU would introduce land uses adjacent to MHPA, this is a potentially significant impact. Future development proposals would be required to address indirect impacts and incorporate the Land Use Adjacency Guidelines.

5.6.4 Specific Management Directives for Otay Mesa

The MSCP envisions “a network of open and relatively undisturbed canyons containing a full ensemble of native species which provide functional wildlife habitat and movement capability.” Specific Management Directives are aimed at carrying out this vision and include measures to protect sensitive species, limit access into the canyons, provide wildlife crossing under Otay Mesa Road/SR-905, and address regeneration and restoration. The CPU would be generally consistent with the vision of the Otay Mesa MHPA; therefore, there are no significant, direct impacts anticipated to the MHPA.

5.7 Cumulative Impacts

Preservation of the region's biological resources has been addressed through the implementation of regional habitat conservation plans (i.e., MSCP). Impacts to biological resources in the City of San Diego, the County of San Diego, and the City of Chula Vista are managed through the adopted MSCP Subarea Plans.

Cumulative impacts from the project were evaluated with regards to past, present, and future projects within the local area. Eight city-wide and regional plans were identified for the evaluation of cumulative impacts: the City of San Diego General Plan; the City of San Diego MSCP Subarea Plan; the SANDAG RCP; the City of Chula Vista General Plan; the City of Chula Vista General Development Plan and Otay Ranch Specific Area Plan Amendment; the County of San Diego East Otay Mesa Specific Plan; the County of San Diego MSCP South County Subarea Plan; and the Chula Vista MSCP Subarea Plan. All but the City of Chula Vista General Development Plan and Otay Ranch Specific Area Plan Amendment of the aforementioned citywide and regional plans were determined to have significant biological impacts. The area of analysis extends, as appropriate, beyond the City's MSCP and into adjacent jurisdictions for this cumulative impacts analysis and are discussed by resource area below.

5.7.1 Sensitive Biological Resources

The CPU would result in significant cumulative impacts to sensitive biological resources, such as vegetation communities, plants, and wildlife. These cumulative impacts are discussed in detail below.

5.7.1.1 Sensitive Vegetation Communities

Direct and indirect impacts to riparian and natural communities within the CPU area would contribute to the cumulative loss of these sensitive vegetation types in San Diego County. Thus, impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to sensitive vegetation communities would be considered a cumulative significant impact. The incremental contributions of the CPU to those cumulative impacts would be cumulatively considerable. Implementation of the CPU policies and future compliance with established development standards contained in the City's ESL Regulations and Biology Guidelines as well as the MSCP Subarea Plan and Land Use Adjacency Guidelines would serve to reduce impacts to a degree, but cannot guarantee that cumulative project-level impacts would be avoided or mitigated to a level less than significant. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of mitigation measures cannot be accurately known for each specific future project at this program level of analysis. The CPU would, therefore, result in a cumulatively considerable impact to sensitive vegetation communities.

5.7.1.2 Sensitive Plants

The direct and indirect impacts presented above in subchapter 5.3.2 for sensitive plant species would add to the cumulative impacts to these species primarily through habitat loss and to a lesser extent through the potential loss of individuals of these species that occur within the CPU area. Thus, impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to sensitive plants would be considered a cumulative significant impact. The incremental contributions of the CPU to those cumulative impacts would be cumulatively considerable. Implementation of the CPU policies and future compliance with established development standards contained in the City's ESL Regulations and Biology Guidelines as well as the MSCP Subarea Plan and Land Use Adjacency Guidelines would serve to reduce impacts to a degree, but cannot guarantee that cumulative project-level impacts would be avoided or mitigated to a level less than significant. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of mitigation measures cannot be accurately known for each specific future project at this program level of analysis. The CPU would, therefore, result in a cumulatively considerable impact to sensitive plant species.

5.7.1.3 Sensitive Wildlife

The direct and indirect impacts presented above in subchapter 5.3.3 for sensitive wildlife species would add to the cumulative impacts to these species primarily through habitat loss and to a lesser extent through the potential loss of individuals of these species that occur within the CPU area. Loss of upland habitat resulting from future development implemented in accordance with the CPU would contribute to a cumulative loss of raptor foraging areas, including grasslands that support burrowing owl. The loss of large areas of non-native grassland could have a significant cumulative effect on the burrowing owl population in the Otay Mesa area as this is the preferred habitat for the species.

Thus, impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to sensitive wildlife would be considered a cumulative significant impact. The incremental contributions of the CPU to those cumulative impacts would be cumulatively considerable. Implementation of the CPU policies and future compliance with established development standards contained in the City's ESL Regulations and Biology Guidelines as well as the MSCP Subarea Plan and Land Use Adjacency Guidelines would serve to reduce impacts to a degree, but cannot guarantee that cumulative project-level impacts would be avoided or mitigated to a level less than significant. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of mitigation measures cannot be accurately known for each specific future project at this program level of analysis. The CPU would, therefore, result in a cumulatively considerable impact to sensitive wildlife species.

5.7.2 Jurisdictional Waters/Wetlands

The direct and indirect impacts to federal, state, and County jurisdictional waters and wetlands from the project would add to the cumulative loss of jurisdictional waters and wetlands in the County of San Diego. Thus, cumulative impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to jurisdictional waters and wetlands would be considered a cumulatively significant impact. The incremental contributions of the CPU to those cumulative impacts would be cumulatively considerable. Implementation of the CPU policies and future compliance with established development standards contained in the City's ESL Regulations and Biology Guidelines as well as the MSCP Subarea Plan and Land Use Adjacency Guidelines would serve to reduce impacts to a degree, but cannot guarantee that cumulative project-level impacts would be avoided or mitigated to a level less than significant. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of mitigation measures cannot be accurately known for each specific future project at this program level of analysis. The CPU would, therefore, result in a cumulatively considerable impact to jurisdictional waters and wetlands.

5.7.3 Wildlife Movement Corridors

Direct and indirect impacts to wildlife movement corridors within the CPU area would generally contribute to the cumulative impacts to local wildlife movement. Thus, cumulative impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to wildlife movement corridors would be considered a cumulatively significant impact. The incremental contributions of the CPU to those cumulative impacts would be considered a cumulatively significant impact. The CPU maintains the planned habitat linkage corridors of the MHPA in terms of location and acreage; however, CPU Circulation Element roads, utility lines, and/or temporary construction activities within the MHPA have potential to impact wildlife movement directly as a result of habitat loss or fragmentation. Implementation of the CPU policies and future compliance with established development standards contained in the MSCP Subarea Plan's General Planning Policies and Design Guidelines would serve to reduce impacts to a degree, but cannot guarantee that all cumulative project-level impacts would be avoided or mitigated to a level less than significant. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of mitigation measures cannot be accurately known for each specific future project at this program level of analysis. The CPU would, therefore, result in a cumulatively considerable impact to wildlife movement corridors.

5.7.4 Multi-Habitat Planning Area

Any modification to the MHPA boundaries would be required to result in equal or better biological values and would not result in significant direct or indirect impacts associated with environmental or habitat conservation plans; direct and indirect impacts to sensitive vegetation communities and species as a result of MHPA boundary adjustments would generally not contribute to cumulative impacts to the long-term conservation of biological resources as described in the MSCP. Thus, cumulative impacts of the CPU in conjunction with the aforementioned city-wide and regional plans to the long-term conservation of biological resources as described in the MSCP would not be considered a cumulatively significant impact.

Implementation of the CPU policies and future compliance with established development standards contained in the City's ESL Regulations, Biology Guidelines, and other applicable regulations as well as the MSCP Subarea Plan's Land Use Adjacency Guidelines, Management Policies and Directives, and Area Specific Management Directives would serve to reduce impacts to below a level of significance.

THIS PAGE IS INTENTIONALLY BLANK.

6.0 Mitigation Framework

Mitigation is required for impacts that are considered significant under the City of San Diego's Biology Guidelines (2012) and the City of San Diego's Development Services Department CEQA Significance Determination Thresholds (2011b). All impacts to sensitive biological resources should be avoided to the maximum extent feasible and minimized when avoidance is not possible. Where impacts are not avoidable or cannot be minimized, mitigation is required to reduce significant impacts to a level of less than significant. Mitigation measures typically employed include resource avoidance, restoration or creation of habitat, dedication or acquisition of habitat, or payment of monies into the City of San Diego's Habitat Acquisition Fund. Mitigation measures would be determined and implemented at the project level. Adherence to the recommendations below is anticipated to minimize impacts to sensitive biological resources.

To reduce potentially significant impacts that would cause a reduction in the number of unique, rare, endangered, sensitive, or fully protected species of plants or animals, if present within the CPU area, all subsequent projects developed in accordance with the CPU shall be analyzed in accordance with the CEQA Significance Thresholds, which require that site-specific biological resources surveys be conducted in accordance with City of San Diego Biology Guidelines (2012). The locations of any sensitive plant species, including listed, rare, and narrow endemic species, as well as the potential for occurrence of any listed or rare wildlife species shall be recorded and presented in a biological resources report. Based on available habitat within CPU area, focused presence/absence surveys shall be conducted in accordance with the biology guidelines and applicable resource agency survey protocols to determine the potential for impacts resulting from the project on these species. Engineering design specifications based on project-level grading and site plans shall be incorporated into the project design to minimize or eliminate direct impacts on sensitive plant and wildlife species consistent with the FESA, MBTA, Bald and Golden Eagle Protection Act, California Endangered Species Act (CESA), MSCP Subarea Plan, and ESL Regulations.

In addition, a preliminary or final jurisdictional wetlands delineation shall be completed following the methods outlined in the USACE 1987 Wetlands Delineation Manual and the Regional Supplement to the Corps of Engineers Delineation Manual for the Arid West Region (2008). A determination of the presence/absence and boundaries of any Waters of the U.S. and Waters of the State shall also be completed following the appropriate USACE guidance documents for determining Ordinary High Water Mark (OHWM) boundaries. The limits of any riparian habitats on-site under the sole jurisdiction of CDFW shall also be delineated, as well as any special aquatic sites (e.g., vernal pools) that may not be within the USACE jurisdiction under the Clean Water Act or meet other federal jurisdictional criteria but are regulated by the FESA, CESA,, and/or

RWQCB. The City no longer has coverage for vernal pools containing sensitive species. A USFWS permit would be required if impacts to vernal pools with sensitive species or basins with fairy shrimp were to occur.

6.1 Sensitive Vegetation Communities

Projects proposing impacts on sensitive upland Tier I, II, IIIA, or IIIB habitats shall implement avoidance and minimization measures consistent with the City's Biology Guidelines (Table 2 – presented as Table 8 in this mitigation framework) and provide suitable mitigation in accordance with the MSCP Subarea Plan. Engineering design specifications based on project-level grading and site plans shall be incorporated into the project design to minimize direct impacts on sensitive vegetation communities including but not limited to riparian habitats, wetlands, oak woodlands, coastal sage scrub, and chaparral consistent with federal, state, and City guidelines. Any required mitigation for impacts on sensitive vegetation communities shall be outlined in a conceptual mitigation plan following the outline provided in the City's Biology Guidelines.

Mitigation for impacts to sensitive vegetation communities would be implemented at the time future development projects are proposed. Project-level analysis would determine whether the impacts are within or outside of the MHPA. Any MHPA boundary adjustments would be processed by the individual project applicants through the City and Wildlife Agencies during the early project planning stage.

Mitigation for impacts to sensitive upland habitats and wetlands would occur in accordance with the MSCP mitigation ratios as specified within the City's Biology Guidelines (City of San Diego 2012). These mitigation ratios are based on Tier level of the vegetation community, wetland type, the location of the impact and the location of the mitigation site(s). For example, impacts to lands inside of an MHPA and mitigated outside an MHPA would have the highest mitigation ratio whereas impacts to lands outside an MHPA and mitigated inside an MHPA would have the lowest mitigation ratio.

Subsequent activities (e.g., future development projects) would need to evaluate the specific impacts and proposed mitigation to determine the level of mitigation required.

Mitigation for impacts to conserved lands from circulation element roads (i.e., Beyer Boulevard, Airway Road, and Del Sol Boulevard) would be based on the Tier habitat as required by the City's Biology Guidelines. However, an additional 1:1 ratio would be added to the City required mitigation ratio in order to replace the lands that were previously preserved as open space. Mitigation lands purchased to compensate for impacts to areas within conserved lands must be located in the Otay Mesa area if feasible.

**TABLE 8
MITIGATION RATIOS FOR IMPACTS TO UPLAND VEGETATION COMMUNITIES
AND LAND COVER TYPES**

Tier	Habitat Type	Mitigation Ratios			
TIER 1 (rare uplands)	Southern Foredunes Torrey Pines Forest Coastal Bluff Scrub Maritime Succulent Scrub Maritime Chaparral Scrub Oak Chaparral Native Grassland Oak Woodlands	Location of Preservation			
				Inside	Outside
		Location of Impact	Inside*	2:1	3:1
			Outside	1:1	2:1
TIER II (uncommon uplands)	Coastal Sage Scrub (CSS) CSS/Chaparral	Location of Preservation			
				Inside	Outside
		Location of Impact	Inside*	1:1	2:1
			Outside	1:1	1.5:1
TIER III A (common uplands)	Mixed Chaparral Chamise Chaparral	Location of Preservation			
				Inside	Outside
		Location of Impact	Inside*	2:1	3:1
			Outside	1:1	2:1
TIER III B (common uplands)	Non-Native Grasslands	Location of Preservation			
				Inside	Outside
		Location of Impact	Inside*	1:1	1.5:1
			Outside	0.5:1	1:1

Notes:

For all Tier I impacts, the mitigation could (1) occur within the MHPA portion of Tier I (in Tier) or (2) occur outside of the MHPA within the affected habitat type (in-kind).

For impacts on Tier II, IIIA, and IIIB habitats, the mitigation could (1) occur within the MHPA portion of Tiers I – III (out-of-kind) or (2) occur outside of the MHPA within the affected habitat type (in-kind). Project-specific mitigation will be subject to applicable mitigation ratios at the time of project submittal.

6.2 Sensitive Plants

Prior to any grading or vegetation clearing for future projects in the CPU area, focused rare plant surveys shall be conducted during the appropriate time of year to optimize detection of potentially occurring rare plants. An impact assessment and mitigation plan would be prepared and implemented in accordance with the MSCP and City Biology Guidelines. Mitigation for impacts to rare plant species shall be in accordance with established MSCP mitigation ratios as specified within the City's Biology Guidelines (City of San Diego 2012).

6.3 Sensitive Wildlife

At the time subsequent activities and future development proposals are brought forward pursuant to the adopted CPU, projects shall be analyzed in accordance with the CEQA Significance Thresholds and mitigation requirements and protocols would be required to ensure that impacts to sensitive species are reduced to below a level of significance. This includes site-specific biological resources surveys and a biological survey report that identifies any direct or indirect impacts to wildlife, including impacts to wildlife movement or habitat, as required by the City's Biology Guidelines (2012). Mitigation measures may include the following:

6.3.1 Fairy Shrimp

Prior to the issuance of grading permits for future projects in the CPU area, protocol surveys shall be completed to confirm the presence/absence of San Diego fairy shrimp and/or Riverside fairy shrimp. If San Diego fairy shrimp and/or Riverside fairy shrimp are identified on-site, authorization for take of the species shall be obtained from the USFWS prior to impacts to the species or its occupied habitat. A draft vernal pool HCP is currently being prepared by the City in coordination with the Wildlife Agencies. If adopted, the City would have "take" authority for fairy shrimp occurring within the vernal pool HCP areas. Mitigation for impacts to fairy shrimp within the vernal pool HCP areas would be required to comply with the vernal pool HCP.

Direct impacts to vernal pool habitat and species may also require permits from USACE, RWQCB, and CDFW. Any required permits shall be obtained prior to issuance of any construction permits in areas impacting fairy shrimp or vernal pool habitat or species. Mitigation shall be determined at the project level and be developed in consultation with the City of San Diego and Wildlife Agencies.

6.3.2 Quino Checkerspot Butterfly

Prior to the issuance of construction permits for future projects in the CPU area, protocol surveys shall be completed to confirm the presence/absence of the Quino checkerspot butterfly. If the species is not identified, then no mitigation would be required. If the butterfly is identified on-site, authorization for take of the species shall be obtained from the USFWS prior to impacts to the species or its occupied habitat. If authorization is obtained, mitigation measures such as the avoidance of occupied habitat and/or the acquisition of occupied habitat shall be developed in consultation with the USFWS and the City of San Diego.

6.3.3 Coastal California Gnatcatchers

Prior to the issuance of construction permits for future projects in the CPU area, protocol surveys shall be completed in suitable habitat for the coastal California gnatcatcher. If the species is determined to occupy the site, the loss of occupied habitat shall be mitigated for in accordance with the City of San Diego's Biology Guidelines and MSCP Subarea Plan.

6.3.4 Sensitive Nesting Species

To reduce potentially significant impacts that would interfere with the nesting, foraging, or movement of wildlife species within the CPU area, all future projects implemented shall be analyzed in accordance with the CEQA Significance Thresholds, which require that site-specific biological resources surveys be conducted in accordance with City of San Diego Biology Guidelines. The limits of any identified local-scale wildlife corridors or habitat linkages shall be identified and analyzed in relation to local fauna, and the conversion of vegetation communities (e.g., nonnative grassland to riparian or agricultural to developed) shall be analyzed for its effects. Engineering design specifications based on project-level grading and site plans shall be incorporated into the project design to minimize direct impacts on sensitive wildlife species and to provide for continued wildlife movement through the corridor. Measures that shall be incorporated into project level construction activities to address wildlife movement prior to issuance of any grading permits shall include the following.

- If project grading is proposed during the raptor breeding season (February 1 to September 15), the project biologist shall conduct a pre-grading survey for active raptor nests within 300 feet of the development area and submit a letter report to MMC prior to the preconstruction meeting. If active raptor nests are detected, the report shall include mitigation in conformance with the City's Biology Guidelines (i.e., appropriate buffers, monitoring schedules, etc.) to the satisfaction of the City's Environmental Department. Mitigation requirements determined by the project biologist shall be incorporated into the project's Biological Construction Monitoring Exhibit, and monitoring results shall be incorporated into the final biological construction monitoring report. If no nesting raptors are detected during the pre-grading survey, no mitigation is required. Pre-grading clearance surveys shall be completed as required to comply with the FESA, MBTA, Bald and Golden Eagle Protection Act, State Fish and Game Code, and/or ESL Regulations.
- Prior to the issuance of any construction permit during the nesting season for other sensitive birds (cactus wren, February 15-August 15; least Bell's vireo, March 15-September 15; coastal California gnatcatcher, March 1-August 15; burrowing owl February 1–August 31), the City Manager (or appointed designee)

shall verify that the MHPA boundaries and the following project requirements regarding nesting cactus wren, least Bell's vireo, burrowing owl, and/or coastal California gnatcatcher are shown on the construction plans:

No clearing, grubbing, grading, or other construction activities shall occur during the breeding seasons for cactus wren, least Bell's vireo, and/or coastal California gnatcatcher, until the following requirements have been met to the satisfaction of the City Manager:

- A. A Qualified Biologist (possessing a valid Endangered Species Act Section 10(a)(1)(a) Recovery Permit) shall survey those habitat areas within the MHPA that would be subject to construction noise levels exceeding 60 decibels [dB(a)] hourly average for the presence of cactus wren, least Bell's vireo, and/or coastal California gnatcatcher. Surveys for cactus wren, least Bell's vireo, and/or coastal California gnatcatcher shall be conducted pursuant to the protocol survey guidelines established by the U.S. Fish and Wildlife Service within the breeding season prior to the commencement of any construction. If any of the aforementioned species are present, then the following conditions must be met:
 - I. Between breeding seasons for cactus wren, least Bell's vireo, and/or coastal California gnatcatcher, no clearing, grubbing, or grading of occupied habitat shall be permitted. Areas restricted from such activities shall be staked or fenced under the supervision of a Qualified Biologist; and
 - II. During the breeding seasons for cactus wren, least Bell's vireo, and/or coastal California gnatcatcher, no construction activities shall occur within any portion of the site where construction activities would result in noise levels exceeding 60dB(A) hourly average at the edge of occupied habitat. An analysis showing that noise generated by construction activities would not exceed 60 dB(A) hourly average at the edge of occupied habitat must be completed by a Qualified Acoustician (possessing current noise engineer license or registrations with monitoring noise level experience with listed animal species) and approved by the City Manager at least two weeks prior to the commencement of construction activities. Prior to the commencement of construction activities during the breeding season, areas restricted from such activities shall be staked or fenced under the supervision of a Qualified Biologist; or
 - III. At least two weeks prior to the commencement of construction activities, under the direction of a qualified acoustician, noise attenuation measures (i.e., berms, walls) shall be implemented to ensure that noise levels resulting from construction activities will not exceed 60 dB(A) hourly average at the edge of occupied habitat. Concurrent with the

commencement of construction activities and the construction of necessary noise attenuation facilities, noise monitoring* shall be conducted at the edge of the occupied habitat area to ensure that noise levels do not exceed 60 dB(A) hourly average. If noise attenuation techniques implemented are determined to be inadequate by the Qualified Acoustician or biologist, then the associated construction activities shall cease until such time that adequate noise attenuation is achieved or until the end of the breeding season.

* Construction noise monitoring shall continue to be monitored at least twice weekly on varying days, or more frequently depending on the construction activity, to verify that noise levels at the edge of occupied habitat are maintained below 60 dB(A) hourly average or to the ambient noise level if it already exceeds 60 dB(A) hourly average. If not, other measures shall be implemented in consultation with the biologist and City Manager, as necessary, to reduce noise levels to below 60 dB(A) hourly average or to the ambient noise level if it already exceeds 60 dB(A) hourly average. Such measures may include, but are not limited to, limitations on the placement of construction equipment and the simultaneous use of equipment.

- B. If cactus wren, least Bell's vireo, and/or coastal California gnatcatcher are not detected during the protocol survey, the qualified biologist shall submit substantial evidence to the City Management and applicable resource agencies which demonstrates whether or not mitigation measures such as noise walls are necessary during the breeding season as follows:
 - I. If this evidence indicates the potential is high for cactus wren, least Bell's vireo, and/or coastal California gnatcatcher to be present based on historical records or site conditions, then condition A.II or A.III shall be adhered to as specified above.
 - II. If this evidence concludes that no impacts to this species are anticipated, no further mitigation measures are necessary.

6.3.5 Raptors/Migratory Birds

If project grading is proposed during the raptor breeding season (February 1 to September 15), the project biologist shall conduct a pre-grading survey for active raptor nests within 300 feet of the development area and submit a letter report to MMC prior to the preconstruction meeting. If active raptor nests are detected, the report shall include mitigation in conformance with the City's Biology Guidelines (i.e., appropriate buffers, monitoring schedules, etc.) to the satisfaction of the City's ED. In addition, work near any active nests during the breeding season must include suitable noise abatement

measures. Noise attenuation shall be required that would ensure construction noise levels at the MHPA boundary would not exceed 60 dB(A) L_{eq} . If northern harriers or golden eagle nests are found during such pre-grading survey, the 300-foot buffer for raptors shall be extended to 900 or 4,000 feet, respectively. Mitigation requirements determined by the project biologist shall be incorporated into the project's Biological Construction Monitoring Exhibit, and monitoring results shall be incorporated into the final biological construction monitoring report. If no nesting raptors are detected during the pre-grading survey, no mitigation is required. Pre-grading clearance surveys shall be completed as required to comply with the ESA, MBTA, Bald and Golden Eagle Protection Act, State Fish and Game Code, and/or ESL Regulations.

6.3.6 Burrowing Owls

Prior to issuance of construction permits for future projects in the CPU area, a habitat assessment would be conducted to determine whether or not occupancy surveys are needed. Should burrowing owl habitat or sign be encountered on or within 150 meters of the project site, breeding season surveys would be conducted. If occupancy is determined, site-specific avoidance and mitigation measures would be developed in accordance with the protocol established in the Staff Report on Burrowing Owl Mitigation (CDFW 2012). Measures to avoid and minimize impacts to burrowing owl may include take avoidance (pre-construction) surveys, site surveillance, and the use of buffers, screens, or other measures to minimize impacts during project activities.

6.3.7 Coastal Cactus Wren

Prior to issuance of construction permits for future projects in the CPU area, any habitat considered suitable for the presence of coastal cactus wren shall be surveyed to determine presence or absence. If the species is present mitigation measures shall include area-specific management directives contained in the MSCP for the coastal cactus wren that include the restoration of maritime succulent scrub with propagation of cactus patches within the MHPA, adaptive management of cactus wren habitat, monitoring of populations, and compliance with the MHPA Land Use Adjacency Guidelines to reduce detrimental edge effects. No clearing of occupied habitat may occur from the period of February 15 to August 15.

6.4 Wildlife Movement Corridors

To reduce potentially significant impacts that would interfere with the nesting, foraging, or movement of wildlife species, all future discretionary projects implemented in accordance with the CPU shall be analyzed in accordance with the CEQA Significance Thresholds. This includes site-specific biological resources surveys and a biological survey report that identifies any direct or indirect impacts to wildlife, including impacts to

wildlife movement or habitat, as required by the City's Biology Guidelines (2012). Engineering design specifications based on project-level grading and site plans shall incorporate minimization and avoidance measures into the project design to minimize or eliminate direct impacts on wildlife movement consistent with the MSCP Subarea Plan's General Planning Policies and Design Guidelines (1997) aimed at protecting the integrity of the wildlife corridors would be incorporated.

Relevant development standards from the MSCP Subarea Plan's Construction and Maintenance Policies (1997) are as follows:

1. All proposed utility lines (e.g., sewer, water, etc.) should be designed to avoid or minimize intrusion into the MHPA. These facilities should be routed through developed or developing areas rather than the MHPA, where possible. If no other routing is feasible, then the lines should follow previously existing roads, easements, rights-of-way and disturbed areas, minimizing habitat fragmentation.
2. All new development for utilities and facilities within or crossing the MHPA shall be planned, designed, located and constructed to minimize environmental impacts. All such activities must avoid disturbing the habitat of MSCP covered species, and wetlands. If avoidance is infeasible, mitigation will be required.
3. Temporary construction areas and roads, staging areas, or permanent access roads must not disturb existing habitat unless determined to be unavoidable. All such activities must occur on existing agricultural lands or in other disturbed areas rather than in habitat. If temporary habitat disturbance is unavoidable, then restoration of, and/or mitigation for, the disturbed area after project completion will be required.
4. Construction and maintenance activities in wildlife corridors must avoid significant disruption of corridor usage. Environmental documents and mitigation monitoring and reporting programs covering such development must clearly specify how this will be achieved, and construction plans must contain all the pertinent information and be readily available to crews in the field. Training of construction crews and field workers must be conducted to ensure that all conditions are met. A responsible party must be specified.
5. Roads in the MHPA will be limited to those identified in Community Plan Circulation Elements, collector streets essential for area circulation, and necessary maintenance/emergency access roads. Local streets should not cross the MHPA except where needed to access isolated development areas.
6. Development of roads in canyon bottoms should be avoided whenever feasible. If an alternative location outside the MHPA is not feasible, then the road must be designed to cross the shortest length possible of the MHPA in order to minimize

impacts and fragmentation of sensitive species and habitat. If roads cross the MHPA, they should provide for fully-functional wildlife movement capability. Bridges are the preferred method of providing for movement, although culverts in selected locations may be acceptable. Fencing, grading and plant cover should be provided where needed to protect and shield animals, and guide them away from roads to appropriate crossings.

7. Where possible, roads within the MHPA should be narrowed from existing design standards to minimize habitat fragmentation and disruption of wildlife movement and breeding areas. Roads must be located in lower quality habitat or disturbed areas to the extent possible.
8. For the most part, existing roads and utility lines are considered a compatible use within the MHPA and therefore will be maintained. Exceptions may occur where underutilized or duplicative road systems are determined not to be necessary as identified in the Framework Management Section 1.5 [of the MSCP Subarea Plan].

Relevant development standards from the MSCP Subarea Plan's Fencing, Lighting, and Signage Policies (1997) are as follows:

- a. Fencing or other barriers will be used where it is determined to be the best method to achieve conservation goals and adjacent to land uses incompatible with the MHPA. For example, use chain link or cattle wire to direct wildlife to appropriate corridor crossings, natural rocks/boulders or split rail fencing to direct public access to appropriate locations, and chain link to provide added protection of certain sensitive species or habitats (e.g., vernal pools).
- b. Lighting shall be designed to avoid intrusion into the MHPA and effects on wildlife. Lighting in areas of wildlife crossings should be of low-sodium or similar lighting. Signage will be limited to access and litter control and educational purposes.

6.5 Jurisdictional Waters/Wetlands

To reduce potential direct impacts on City, state, and federally regulated wetlands, all subsequent projects developed in accordance with the CPU, including future projects, shall be required to comply with USACE Clean Water Act Section 404 requirements and special conditions, CDFW Section 1602 Streambed Alteration Agreement (SAA) requirements and special conditions, and the City of San Diego ESL Regulations for minimizing impacts on wetlands. Achieving consistency with these regulations for impacts on wetlands and special aquatic sites would reduce potential impacts on

regulated wetlands and provide compensatory mitigation(as required) to ensure no net-loss of wetland habitats.

Prior to obtaining discretionary permits for future projects, a site-specific biological resources survey shall be completed in accordance with City of San Diego Biology Guidelines. Any required mitigation for impacts shall be outlined in a conceptual mitigation plan following the outline provided in Attachment III of the City Guidelines for Conducting Biological Surveys. In addition, a preliminary or final jurisdictional wetlands delineation of the project site shall be completed following the methods outlined in the USACE's 1987 *Wetlands Delineation Manual* and the *Regional Supplement to the Corps of Engineers Delineation Manual for the Arid West Region*. A determination of the presence/absence and boundaries of any Waters of the U.S. and Waters of the State shall also be completed following the appropriate USACE guidance documents for determining OHWM boundaries. The limits of any riparian habitats on-site under the sole jurisdiction of CDFW shall also be delineated, as well as any special aquatic sites (excluding vernal pools) that may not meet federal jurisdictional criteria but are regulated by the RWQCB. Engineering design specifications based on project-level grading and site plans shall be incorporated into the project design to minimize direct impacts on wetlands, jurisdictional waters, riparian habitats, vernal pools, etc. consistent with federal, state, and City guidelines.

Additionally, any impacts to wetlands in the City of San Diego would require a deviation from the ESL wetland regulations. Under the wetland deviation process, development proposals that have wetland impacts may be considered only pursuant to one of three options; Essential Public Projects, Economic Viability Option, or Biologically Superior Option. ESL Regulations require that impacts to wetland be avoided. Unavoidable impacts to wetlands should be minimized to the maximum extent practicable and mitigated as follows:

- As part of the project-specific environmental review pursuant to CEQA, all unavoidable wetland impacts will need to be analyzed, and mitigation will be required in accordance with ratios shown in Tables 9a and 9b. Mitigation should be based on the impacted type of wetland and project design. Mitigation should prevent any net loss of wetland functions and values of the impacted wetland.
- For the Biologically Superior Option, the project and proposed mitigation shall include avoidance, minimization, and compensatory measures, which would result in a biologically superior net gain in overall function and values of (a) the type of wetland resource being impacted and/or (b) the biological resources to be conserved. The Biologically Superior Option mitigation shall include either (1) standard mitigation per Table 9a, including wetland creation or restoration of the same type of wetland resource that is being impacted that results in high quality wetlands; and a biologically superior project design whose avoided area(s) (i) is in a configuration or alignment that optimizes the potential long-term biological

viability of the on-site sensitive biological resources, and/or (ii) conserves the rarest and highest quality on-site biological resources; or (2) for a project not considered consistent with “1” above, extraordinary mitigation per Table 9b is required.

TABLE 9a
CITY OF SAN DIEGO WETLAND MITIGATION RATIOS
(with Biologically Superior Design)

Vegetation Community	Mitigation Ratio
Riparian	2:1 to 3:1
Vernal pool*	2:1 to 4:1
Basin with fairy shrimp*	2:1 to 4:1
Freshwater marsh	2:1

*The City currently does not have take authority for vernal pools. A draft vernal pool HCP is currently being prepared by the City in coordination with the Wildlife Agencies. If adopted, the City would have “take” authority for the vernal pool species occurring within the vernal pool HCP areas.

TABLE 9b
CITY OF SAN DIEGO WETLAND MITIGATION RATIOS
(without Biologically Superior Design Outside of the Coastal Zone)

Vegetation Community	Mitigation Ratio
Riparian	4:1 to 6:1
Vernal pool*	4:1 to 8:1
Basin with fairy shrimp*	4:1 to 8:1
Freshwater marsh	4:1

*The City currently does not have take authority for vernal pools. A draft vernal pool HCP is currently being prepared by the City in coordination with the Wildlife Agencies. If adopted, the City would have “take” authority for the vernal pool species occurring within the vernal pool HCP areas.

As part of any future project-specific environmental review pursuant to CEQA, all unavoidable wetlands impacts (both temporary and permanent) would need to be analyzed and mitigation required in accordance with Table 3.3-4 of the City Biology Guidelines (see Table 2); mitigation must be based on the impacted type of wetland habitat. Mitigation must prevent any net loss of wetland functions and values of the impacted wetland. The following provides operational definitions of the four types of activities that constitute wetland mitigation under the ESL Regulations:

- **Wetland creation** is an activity that results in the formation of new wetlands in an upland area. An example is excavation of uplands adjacent to existing wetlands and the establishment of native wetland vegetation.
- **Wetland restoration** is an activity that re-establishes the habitat functions of a former wetland. An example is the excavation of agricultural fill from historic wetlands and the re-establishment of native wetland vegetation.

- **Wetland enhancement** is an activity that improves the self-sustaining habitat functions of an existing wetland. An example is removal of exotic species from existing riparian habitat.
- **Wetland acquisition** may be considered in combination with any of the three mitigation activities above.

Wetland enhancement and wetland acquisition focus on the preservation or the improvement of existing wetland habitat and function and do not result in an increase in wetland area; therefore, a net loss of wetland may result. As such, acquisition and/or enhancement of existing wetlands may be considered as partial mitigation only for any balance of the remaining mitigation requirement after restoration or creation if wetland acreage is provided at a minimum of a 1:1 ratio. For permanent wetland impacts that are unavoidable and minimized to the maximum extent feasible, mitigation must consist of creation of new in-kind habitat to the fullest extent possible and at the appropriate ratios. If on-site mitigation is not feasible, then at least a portion of the mitigation must occur in the same watershed. The City's Biology Guidelines and MSCP Subarea Plan require that impacts on wetlands, including vernal pools, shall be avoided, and that a sufficient wetland buffer shall be maintained, as appropriate, to protect resource functions/values. The City biology report shall include an analysis of on-site wetlands (including City, state, and federal jurisdiction analysis) and, if present, include project alternatives that fully/substantially avoid wetland impacts. Detailed evidence supporting why there is no feasible less environmentally damaging location or alternative to avoid any impacts must be provided for City staff review, as well as a mitigation plan that specifically identifies how the project is to compensate for any unavoidable impacts. A conceptual mitigation program (which includes identification of the mitigation site) must be approved by City staff prior to the release of the draft environmental document. Avoidance is the first requirement; mitigation can only be used for impacts clearly demonstrated to be unavoidable.

Prior to the commencement of any construction-related activities on-site for projects impacting wetland habitat (including earthwork and fencing) the applicant shall provide evidence of the following to the Assistant Deputy Director (ADD)/Environmental Department prior to any construction activity:

- Compliance with USACE Section 404 nationwide permit;
- Compliance with the RWQCB Section 401 Water Quality Certification; and
- Compliance with the CDFW Section 1601/1603 Streambed Alteration Agreement.

6.5.1 Vernal Pools

The City of San Diego no longer has federal coverage for certain vernal pool species. As of the date of surrender, April 20, 2010, the City has relinquished federal coverage and does not rely on the City's federal ITP to authorize an incidental take of the two vernal pool animal species and five vernal pool plant species. Species that have been removed from the MSCP covered species list include: San Diego fairy shrimp (*Branchinecta sandiegonensis*), Riverside fairy shrimp (*Streptocephalus woottonii*), Otay mesa mint (*Pogogyne nuduliscula*), California Orcutt grass (*Orcuttii californica*), San Diego button celery (*Eryngium aristulatum*), San Diego mesa mint (*Pogogyne abramsii*), and spreading navarretia (*Navarretia fossalis*). Upon approval of the City of San Diego Vernal Pool HCP, the City will receive take authorization for the seven vernal pool species through an ITP and associated IA by and between USFWS and CDFW.

Impacts to vernal pools would require assessments of vernal pool flora and fauna, hydrology, habitat function, and restoration potential and protocol fairy shrimp surveys, in addition to the requirements listed above. Impacts to fairy shrimp shall require either a section 10(a)1(A) permit or Section 7 consultation Biological Opinion from USFWS. If the vernal pool HCP is adopted, the City will receive take authorization for the seven vernal pool species.

Mitigation for projects impacting vernal pools within the City of San Diego shall include salvage of sensitive species from vernal pools to be impacted, introduction of salvaged material into restored vernal pool habitat where appropriate (e.g., same vernal pool series), and maintenance of salvaged material pending successful restoration of the vernal pools. Salvaged material shall not be introduced to existing vernal pools containing the same species outside the vernal pool series absent consultation with and endorsement by vernal pool species experts not associated with the project (e.g., independent expert). The mitigation sites shall include preservation of the entire watershed and a buffer based on functions and values; however, if such an analysis is not conducted, there shall be a default of a 100-foot buffer from the watershed. Restoration of vernal pools shall only be conducted within an area that has been known to historically support vernal pools. Identification and implementation of restoration in such "vernal pool preserve(s)" should occur in coordination with the City of San Diego and Wildlife Agencies. Currently, a vernal pool HCP is being prepared by the City of San Diego in coordination with the Wildlife Agencies. Future vernal pool mitigation would be required to comply with the vernal pool HCP if adopted.

6.6 Multi-Habitat Planning Area

At the time future development projects are proposed, impacts to vegetation communities and sensitive species would be assessed and mitigated according to the wetland and upland ratios defined in the Land Development Manual – Biology Guidelines (City of San Diego 2012). In addition, MHPA boundary adjustments may be processed through the City in conjunction with future development proposals. Proposed boundary adjustments shall maintain the overall existing preserve configuration. In order to adjust the MHPA boundary, the applicant must demonstrate that the area to be traded for MHPA lands is equivalent or better functionally than the area requested for removal from the MHPA. There are six biological factors that shall be considered in assessing functional equivalency.

- The adjustment will increase the amount of sufficiently and significantly conserved habitat.
- The adjustment will increase habitat for MSCP covered species.
- The adjustment will not affect habitat linkages and functions of the MHPA preserved areas.
- The adjustment will improve the MHPA configuration by removing a disturbed area and adding nesting and foraging habitat to the MHPA lands.
- The adjustment will not result in a loss of ecotones or other factors that affect species diversity. The adjustment will add habitat to the MHPA.
- The adjustment will be beneficial to species that are not on the MSCP covered species list.

6.7 MHPA Land Use Adjacency Guideline Compliance

Indirect impacts to the MHPA from the CPU would be mitigated for at the project level. Projects adjacent to the MHPA would incorporate features into the project and/or permit conditions that demonstrate compliance with the MHPA Land Use Adjacency Guidelines. To ensure avoidance or reduction of potential MHPA impacts resulting from land use adjacency, the following mitigation measures shall be implemented by future projects at the time of future development permit processing:

All subsequent development projects in the CPU area adjacent to designated MHPA areas shall comply with the Land Use Adjacency Guidelines of the MSCP in terms of land use, drainage, access, toxic substances in runoff, lighting, noise, invasive plant species, grading, and brush management requirements. Mitigation measures include, but are not limited to: sufficient buffers and design features, barriers (rocks,

boulders, signage, fencing, and appropriate vegetation) where necessary, lighting directed away from the MHPA, and berms or walls adjacent to commercial or industrial areas and any other use that may introduce construction noise or noise from future development that could impact or interfere with wildlife utilization of the MHPA. The project biologist for each proposed project would identify specific mitigation measures needed to reduce impacts to below a level of significance. Subsequent environmental review would be required to determine the significance of impacts from land use adjacency and compliance with the Land Use Adjacency Guidelines of the MSCP. Prior to approval of any subsequent development project in an area adjacent to a designated MHPA, the Environmental Designee of the City of San Diego and the Development Services Department shall identify the specific provisions which shall be included in the conditions of approval in order to avoid or to reduce potential impacts to adjacent MHPA to below significance.

Specific requirements shall include:

- Prior to the issuance of occupancy permits, development areas shall be permanently fenced where development is adjacent to the MHPA to deter the intrusion of people and/or pets into the MHPA open space areas. Signage may be installed as an additional deterrent to human intrusion as required by the City.
- The use of structural and nonstructural best management practices (BMPs), including sediment catchment devices, shall be required to reduce the potential indirect impacts associated with construction to drainage and water quality. Drainage shall be directed away from the MHPA or, if not possible, must not drain directly into the MHPA. Instead, runoff shall flow into sedimentation basins, grassy swales, or mechanical trapping devices prior to draining into the MHPA. Drainage shall be shown on the site plan and reviewed satisfactory to the City Engineer.
- All outdoor lighting adjacent to open space areas shall be shielded to prevent light over-spill off-site. Shielding shall consist of the installation of fixtures that physically direct light away from the outer edges of the road or landscaping, berms, or other barriers at the edge of development that prevent light over spill.
- The landscape plan for the project shall contain no exotic plant/invasive species and shall include an appropriate mix of native species which shall be used adjacent to the MHPA native habitat areas.
- All manufactured slopes must be included within the development footprint and outside the MHPA.
- All brush management areas shall be shown on the site plan and reviewed and approved by the ED. Zone 1 brush management areas must be included within the development footprint and outside the MHPA. Brush management Zone 2

may be permitted within the MHPA (considered impact neutral) but cannot be used as mitigation. Vegetation clearing shall be done consistent with City standards and shall avoid/minimize impacts to covered species to the maximum extent possible. For all new development, regardless of the ownership, the brush management in the Zone 2 area will be the responsibility of a homeowners association or other private party.

- Access to the MHPA, if any, shall be directed to minimize impacts and shall be shown on the site plan and reviewed and approved by the ED.
- Land uses, such as recreation and agriculture, that use chemicals or generate by-products such as manure, that are potentially toxic or impactful to wildlife, sensitive species, habitat, or water quality need to incorporate measures to reduce impacts caused by the application and/or drainage of such materials into the MHPA. Such measures should include drainage/detention basins, swales, or holding areas with non-invasive grasses or wetland-type native vegetation to filter out the toxic materials. Regular maintenance should be provided. Where applicable, this requirement should be incorporated into leases on publicly owned property as leases come up for renewal.

Implementation of the draft CPU policies and future compliance with established development standards and regulations would serve to reduce biological resource impacts to a degree, but cannot guarantee that all future project-level impacts would be avoided or mitigated to below a level of significance. Because the extent of future development projects is unknown at this time, the degree of impact and applicability, feasibility, and success of these measures cannot be accurately predicted for each specific project at this time. Therefore, direct and/or indirect impacts to the number of unique, rare, endangered, sensitive, or fully protected species of plants or animals, and sensitive vegetation communities (including wetlands) are considered significant and unavoidable at the Community Plan level.

6.8 Mitigation for Cumulative Impacts

Mitigation measures for direct and indirect cumulative impacts to biological resources would be developed at the project level. Mitigation measures would be developed accordance with the mitigation framework identified in the PEIR and the City's Biological Guidelines, ESL Regulations, and the MSCP Subarea Plan.

THIS PAGE IS INTENTIONALLY BLANK.

7.0 References Cited

AECOM

- 2012 Final Draft Technical White Paper 1: Focal Species Status Update for the City of San Diego Vernal Pool Habitat Conservation Plan. August.

Atwood, J. L., and D. R. Bontrager

- 2001 California Gnatcatcher (*Poliophtila californica*). In *The Birds of North America*, no. 574, edited by A. Poole, P. Stettenheim, and F. Gill, pp. 1-31. The Birds of North America, Inc., Philadelphia.

Alden Environmental Inc.

- 2012 Biotechnical Report for the Candlelight Project. Project No. 40329. July.

American Ornithologists' Union

- 1998 *Check-list of North American Birds: The Species of Birds of North America from the Arctic through Panama, Including the West Indies and Hawaiian Islands*. 7th ed. Committee on Classification and Nomenclature.

Beauchamp, R. M.

- 1986 *A Flora of San Diego County, California*. Sweetwater River Press, National City.

Bensen, L.

- 1969 *The Native Cacti of California*. Stanford University Press.

Bond, S. I.

- 1977 An Annotated List of the Mammals of San Diego County, California. *Transactions of the San Diego Society of Natural History* 18(14):229-248.

Brown, J.W.

- 1991 Sensitive and Declining Butterfly Species (Insecta: Lepidoptera) in San Diego County, California. Draft. Dudek and Associates, May.

Brown, Bryan T.

- 1993 Bell's Vireo. *The Birds of North America*, No.35.

Brylski, P.

- 1983 California Habitat Relationships System, California Department of Fish and Wildlife, California Interagency Wildlife Task Group. Available from [www.dfg.ca.gov/whdab/html/M094.html] (copyright 2003).

California Department of Fish and Wildlife (CDFW; formerly CDFG)

1991 Fish and Wildlife Code of California. Gould Publications, Inc.

2012 Staff Report on Burrowing Owl Mitigation. March.

California Native Plant Society (CNPS)

2012 *Inventory of Rare and Endangered Plants of California* (online edition v8-01a). California Native Plant Society. Sacramento, CA.

California, State of

2011a State and Federally Listed Endangered and Threatened Animals of California. The Resources Agency. California Natural Diversity Database. January.

2011b Special Animals. The Resources Agency. California Natural Diversity Database. January.

2012a Natural Diversity Data Base. Nongame-Heritage Program, Department of Fish and Wildlife, Sacramento.

2012b State and Federally Listed Endangered, Threatened, and Rare Plants of California. The Resources Agency. California Natural Diversity Database. July.

Cavallaro, L., S. McMillan, T. Oberbauer, and L. S. Lebrun

2012 Final Draft Technical White Paper 1: Focal Species Status Update for the City of San Diego Vernal Pool Habitat Conservation Plan. Prepared for SANDAG. August.

Collins, P. W.

1999 Rufous-crowned Sparrow (*Aimophila ruficeps*). In *The Birds of North America*, no. 472, edited by A. Poole and F. Gill. The Birds of North America, Inc. Philadelphia.

Crother, B. I.

2001 *Scientific and Standard English Names of Amphibians and Reptiles of North America North of Mexico, with Comments Regarding Confidence in our Understanding*. SSAR Herpetological Circular 29. iii + 82 pp.

Crother, B. I., J. Boundy, J. A. Campbell, K. De Quieroz, D. Frost, D. M. Green, R. Highton, J. B. Iverson, R. W. McDiarmid, P. A. Meylan, T. W. Reeder, M. E. Seidel, J. W. Sites, Jr., S. G. Tilley, and D. B. Wake

2003 Scientific and Standard English Names of Amphibians and Reptiles of North America North of Mexico: Update. *Herpetological Review* 34(3), 196-203.

Davis, W. E.

- 1993 Black-crowned Night Heron (*Nycticorax nycticorax*). In *The Birds of North America*, no. 74, edited by A. Poole, P. Stettenheim, and F. Gill. The Birds of North America, Inc., Philadelphia.

Eckerle, K. P., and C. F. Thompson

- 2001 Yellow-breasted Chat (*Icteria virens*). In *The Birds of North America*, no. 575, edited by A. Poole and F. Gill. The Birds of North America, Inc., Philadelphia.

Ehrlich, P. R., D. S. Dobkin, and D. Wheye

- 1988 *The Birder's Handbook: A Field Guide to the Natural History of North American Birds*. Simon and Schuster, New York.

Eng, L. L., D. Belk, and C. H. Eriksen

- 1990 Californian Anostraca: Distribution, Habitat, and Status. *Journal of Crustacean Biology* 10(2):247-277.

Eriksen, C., and D. Belk

- 1999 *Fairy Shrimps of California's Puddles, Pools, and Playas*. Mad River Press, Eureka, CA.

Franzreb, K.

- 1989 Ecology and Conservation of the Endangered Least Bell's Vireo. U.S. Fish and Wildlife Service, Biological Report 89(1). March.

Garrett, K., and J. Dunn

- 1981 *Birds of Southern California: Status and Distribution*. Los Angeles Audubon Society, Artisan Press, Los Angeles.

Green, M.

- 1990 *Horned Lark*. Birds. California's Wildlife, vol. 2. State of California, The Resources Agency, Department of Fish and Wildlife, Sacramento.

Hall, E. R.

- 1981 *The Mammals of North America*. 2nd ed. 2 vols. John Wiley & Sons, New York.

Haug, E. A., B. A. Millsap, and M. S. Martell

- 1993 Burrowing Owl (*Speotyto cunicularia*). In *The Birds of North America*, no. 61, edited by A. Poole, P. Stettenheim, and F. Gill. The Birds of North America, Inc., Philadelphia.

Hickman, J. C. (editor)

- 1993 *The Jepson Manual: Higher Plants of California*. University of California Press, Berkeley and Los Angeles.

Holland, R. F.

- 1986 Preliminary Descriptions of the Terrestrial Natural Communities of California. State of California Department of Fish and Wildlife.

Jennings, M. R., and M. P. Hayes

- 1994 Amphibian and Reptile Species of Special Concern in California. Final report submitted to the California Department of Fish and Wildlife, Inland Fisheries Division, Rancho Cordova, CA. Contract number 8023.

Jepson

- 2009 The Jepson Online Interchange California Floristics, University of California, Berkeley. <http://ucjeps.berkeley.edu/interchange.html>.

Jones, C., R. S. Hoffman, D. W. Rice, R. J. Baker, M. D. Engstrom, R. D. Bailey, D. J. Schmidly, and C. A. Jones

- 1997 *Revised Checklist of North American Mammals North of Mexico*. Occasional Papers, Museum of Texas Tech University, Number 173. December 19.

MacWhirter, R. B., and K. L. Bildstein

- 1996 Northern Harrier (*Circus cyaneus*). In *The Birds of North America*, no. 210, edited by A. Poole and F. Gill. The Birds of North America, Inc., Philadelphia.

Mattoni, R., G. F. Pratt, T. R. Longcore, J. F. Emmel, and J. N. George

- 1997 The Endangered Quino Checkerspot Butterfly, *Euphydryas editha quino* (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 34: 99-118.

Mills, M.

- 1991 San Diego Horned Lizard (*Phrynosoma coronatum blainvillii*). *San Diego Herpetological Society* 13:9.

Munz, P. A.

- 1974 *A Flora of Southern California*. University of California Press, Berkeley.

National Geographic Society

- 1983 *Field Guide to the Birds of North America*. 2nd ed. National Geographic Society, Washington, D.C.

Oberbauer, T. A.

- 1996 Terrestrial Vegetation Communities in San Diego County Based on Holland's Descriptions. February.

PBS&J

- 2004 Appendix E Biological Technical Report to the Otay Mesa Trunk Sewer Draft Environmental Impact Report. Prepared for the City of San Diego and Pardee Homes. June 24.

Proudfoot, G. A., D. A. Sherry, and S. Johnson

- 2000 Cactus Wren (*Campylorhynchus brunneicapillus*). In *The Birds of North America*, no. 558, edited by A. Poole, P. Stettenheim, and F. Gill. The Birds of North America, Inc., Philadelphia.

RECON

- 2004 Draft Year 4 Annual Report for Dennery Canyon Vernal Pool, Coastal Sage Scrub, and Mule Fat Scrub Restoration and Preservation Plan. Prepared for Hewitt & O'Neil. July 1.
- 2005 Year 5 Annual Report for Dennery canyon Vernal Pool, Coastal Sage Scrub and Mule Fat Scrub Restoration and Preservation Plan. September.

Reiser, C. H.

- 2001 *Rare Plants of San Diego County*. Aquafir Press, Imperial Beach, California.

Roberts, F. M.

- 1995 Illustrated Guide to The Oaks of the Southern Californian Floristic Province. F.M. Roberts, Encinitas, California.

Rosenfeld, R. N., and J. Bielefeldt

- 1993 Cooper's Hawk (*Accipiter cooperii*). In *The Birds of North America*, no. 75, edited by A. Poole and F. Gill. The Birds of North America, Inc., Philadelphia.

San Diego Association of Governments (SANDAG)

- 1995 Veg95. Digital file vegetation information.

San Diego Geographic Information Source (SanGIS)

- 2012 SanGIS/SANDAG Data Warehouse. Obtained from http://www.sangis.org/Download_GIS_Data.htm.

- 2013 Conserved Land Database. January.

San Diego, City of

- 1981 Otay Mesa Community Plan and Environmental Impact Report. April.
- 1997 City of San Diego MSCP Subarea Plan. City Planning and Community Investment Department. March.
- 1998 Final Multiple Species Conservation Program MSCP Plan. August.
- 2003 Otay Mesa East Initial Study. Project No. 3159. Planning and Development Review Department. July.
- 2010 Environmentally Sensitive Land Regulations. San Diego Municipal Code.
- 2011a Otay_Tijuana Cross Border Facility Development Project Draft Environmental Impact Report. Project No. 169653. Planning and Development Review Department. June.
- 2011b Development Services Department, CEQA Significance Determination Thresholds. January.
- 2012 San Diego Municipal Code. Land Development Manual. Biology Guidelines. Amended April 23.

Small, A.

- 1994 *California Birds: Their Status and Distribution*. Ibis Publishing Co., Vista.

Stebbins, R.C.

- 1985 *A Field Guide to Western Reptiles and Amphibians*. 2d ed., revised. Houghton Mifflin, Boston.

Stokes, D., and L. Stokes

- 1996 *Stokes Field Guide to Birds: Western Region*. Little, Brown, New York.

Unitt, P.A.

- 2004 San Diego County Bird Atlas No. 39. Proceedings of the San Diego Society of Natural History. October 31.

U.S. Army Corps of Engineers (USACE)

- 1987 Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1, Department of the Army. January.
- 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region.

U.S. Department of Agriculture (USDA)

- 1973 *Soil Survey, San Diego Area, California*. Soil Conservation Service and Forest Service. R. H. Bowman, ed. December.

U.S. Fish and Wildlife Service (USFWS)

- 1993 Final Rule: Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for Three Vernal Pool Plants and the Riverside Fairy Shrimp *Federal Register* Vol. 58 (147) 41384 - 41392. August 3.

- 1997a Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for the Laguna Mountains Skipper and Quino Checkerspot Butterfly. *Federal Register* 62(11):2313-2322, January 16.

- 1997b Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for the San Diego Fairy Shrimp. *Federal Register* 62(22):4925-4939, February 3.

- 1998 Endangered and Threatened Wildlife and Plants; Determination of Endangered or Threatened Status for Four Southwestern California Plants from Vernal Wetlands and Clay Soils. *Federal Register* 63(197): 54975 – 54994. October 13.

- 2002a Review of Species that are Candidates or Proposed for Listing as Endangered or Threatened: Annual Notice of Findings on Recycled Petitions; Annual Description of Progress of Listings. *Federal Register* 67(114). June 13. 50 CFR 17.

- 2002b Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Quino Checkerspot Butterfly (*Euphydryas editha Quino*); Final Rule. *Federal Register* 67(72):18355-18395, April 15.

Whitaker, J.O., Jr.

- 1997 *Field Guide to North American Mammals*. National Audubon Society. Alfred A. Knopf, New York. Revised Edition.

Wiggins, I. L.

- 1980 *Flora of Baja California*. Stanford University, Stanford, California.

Wolf, L. L.

- 1977 *Species Relationships in the Avian Genus Aimophila*. Ornithological Monographs, no. 23 and supplement.

Yosef, R.

- 1996 Loggerhead Shrike (*Lanius ludovicianus*). In *The Birds of North America*, no. 231, edited by A. Poole, P. Stettenheim, and F. Gill, pp. 1-31. The Birds of North America, Inc., Philadelphia.

Zeiner, D. C., W. F. Laudenslayer, Jr., and K. E. Mayer, eds.

- 1988 *Amphibians and Reptiles*. California's Wildlife, vol. 1. California Statewide Wildlife Habitat Relationships System, California Department of Fish and Wildlife, Sacramento.

- 1990 *California's Wildlife*, vols. 1-3. California Statewide Wildlife Habitat Relationships System, California Department of Fish and Wildlife, Sacramento

Zweifel, R. G.

- 1952 Notes on Lizards of the Coronado Islands, Baja California, Mexico. *Herpetologica* 8(2):9-11.