Draft Environmental Impact Report (Draft EIR)

[State Clearinghouse No. 2009041043]

for

Los Angeles International Airport (LAX) Central Utility Plant Replacement Project

Volume 2

Appendix C

City of Los Angeles
Los Angeles City File No. EIR-09021-AD

July 2009

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APPENDIX C – HUMAN HEALTH RISK ASSESSMENT

Appendix C
LAX Central Utility Plant Replacement Project Draft EIR

Air Quality Analysis and Human Health Risk Assessment Technical Report

July 2009

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1. INTRODUCTION AND BASELINE CONDITIONS

The air quality analysis and human health risk assessment (HHRA) conducted for the Central Utility Plant Replacement Project (CUP-RP) addresses emissions of criteria air pollutants, greenhouse gases (GHG) and toxic air contaminants (TACs) from both construction activities and changes in operations. Construction activities include on-site and off-site operation of construction equipment, generation of fugitive dust, application of architectural coatings, paving and worker vehicle trips that would occur during the temporary construction period. The analysis describes anticipated conditions during the approximately 4 years of proposed construction and the incremental difference in operations between baseline conditions and future conditions after completion of the CUP-RP.

The criteria pollutant emission inventories and impacts to ambient concentrations were developed using standard industry software/models and federal, state, and locally approved methodologies. Results of the emission inventories were compared to daily emissions thresholds established by the South Coast Air Quality Management District (SCAQMD) for the South Coast Air Basin (Basin).[1] Ambient concentration estimates during construction and after completion of the CUP-RP were compared to National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS). Project health risks were compared to the significance thresholds established by SCAQMD.[2]

1.1 Baseline Conditions

Baseline conditions for ambient air pollutant concentrations discussed herein refer to calendar year 2008, the last full calendar year for which air quality data were available from SCAQMD when the air quality analysis for the CUP-RP was prepared. The airport is located within the South Coast Air Basin of California, a 6,745 square-mile area encompassing all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties.

1.1.1 Climatological Conditions

The meteorological conditions at the airport are heavily influenced by the proximity of the airport to the Pacific Ocean to the west and the mountains to the north and east. This location tends to produce a regular daily reversal of wind direction: onshore (westerly) during the day and offshore (easterly) at night. Comparatively warm, moist Pacific air masses drifting over cooler air resulting from coastal upwelling of cooler water often form a bank of fog that is generally swept inland by the prevailing westerly winds. The "marine layer" is generally 1,500 to 2,000 feet deep, extending only a short distance inland and rising during the morning hours producing a deck of low clouds. The air above is usually relatively warm, dry, and cloudless. The prevalent temperature inversion in the Basin tends to prevent vertical mixing of air through more than a shallow layer.

A dominating factor in the weather of California is the semi-permanent high-pressure area of the North Pacific Ocean. This pressure center moves northward in summer, holding storm tracks well to the north, and minimizing precipitation. Changes in the circulation pattern allow storm centers to approach California from the southwest during the winter months and large amounts of moisture are carried ashore. The Los Angeles region receives on average 10 to 15 inches of precipitation per year, of which 83 percent occurs during the months of November through March. Thunderstorms are light and infrequent, and on very rare occasions, trace amounts of snowfall have been reported at the airport.

The annual minimum mean, maximum mean, and overall mean temperatures at the airport are 55°F, 70°F, and 63°F, respectively. The prevailing wind direction at the airport is from the west-southwest with an average wind speed of roughly 8 knots (9.2 miles per hour [mph] or 4.1 meters per second [m/s]).

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1 South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993; as updated by "SCAQMD Air Quality Significance Thresholds," July 2008, Available: http://www.aqmd.gov/CEQA/handbook/signthres.pdf.

2 South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993; as updated by "SCAQMD Air Quality Significance Thresholds," July 2008, Available: http://www.aqmd.gov/CEQA/handbook/signthres.pdf.

Maximum recorded gusts range from 27 knots (31 mph or 13.9 m/s) in July to 54 knots (62 mph or 27.8 m/s) in March. The monthly average wind speeds range from 5 knots (5.8 mph or 2.6 m/s) in December to 9 knots (10 mph or 4.6 m/s) during the spring, March through June.

1.1.2 Regulatory Setting

Air quality is regulated by federal, state, and local laws. In addition to rules and standards contained in the federal Clean Air Act and the California Clean Air Act, air quality in the Los Angeles region is subject to the rules and regulations established by CARB and SCAQMD with oversight provided by the U.S. Environmental Protection Agency (USEPA), Region IX.

1.1.2.1 Federal

The USEPA is responsible for implementation of the federal Clean Air Act (CAA). The CAA was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, 1990, and 1997). Under the authority granted by the CAA, USEPA has established NAAQS for the following criteria pollutants: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO_2), ozone (O_3), particulate matter with an aerodynamic diameter less than or equal to 10 micrometers (PM10), particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers (PM2.5), and sulfur dioxide (SO_2). **Table 1-1** presents the NAAQS that are currently in effect for criteria air pollutants. Ozone is a secondary pollutant, meaning that it is formed from reactions of "precursor" compounds under certain conditions. The primary precursor compounds that can lead to the formation of ozone include volatile organic compounds (VOC)[3] and oxides of nitrogen (NO_x).

The CAA also specifies future dates for achieving compliance with the NAAQS and mandates that states submit and implement a State Implementation Plan (SIP) for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met. The 1990 amendments to the CAA identify specific emission reduction goals for areas not meeting the NAAQS. These amendments require both a demonstration of reasonable further progress toward attainment and incorporation of additional sanctions for failure to attain or meet interim milestones.

The CUP-RP is located in the Basin, which is a sub-region of the SCAQMD's jurisdiction including all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties. The Basin is designated as a federal nonattainment area for ozone, PM10, and PM2.5. Nonattainment designations under the CAA for ozone, CO, and PM10 are categorized into levels of severity based on the level of concentration above the standard, which is also used to set the required attainment date. The Basin was reclassified in 1998 to attainment/maintenance for NO_2 since concentrations of that pollutant dropped below (became better than) the NO_2 NAAQS in the early 1990s. More recently, the Basin was reclassified to attainment/maintenance for CO in 2007. Attainment/maintenance means that the pollutant is currently in attainment and that measures are included in the SIP to ensure that the NAAQS for that pollutant are not exceeded again (maintained). **Table 1-2** presents the attainment designation for each of the federal criteria air pollutants.

1.1.2.2 State

The CCAA, signed into law in 1988, requires all areas of the state to achieve and maintain the CAAQS by the earliest practicable date. The CAAQS are at least as stringent as, and in several cases more stringent than, the NAAQS. The currently applicable CAAQS are presented with the NAAQS in **Table 1-1**. The attainment status with regard to the CAAQS is presented in **Table 1-2** for each pollutant.

[3] The emissions of volatile organic compounds (VOC) and reactive organic gases are essentially the same for the combustion emission sources that are considered in this analysis. This analysis will typically refer to organic emissions as VOC.

Table 1-1

National and California Ambient Air Quality Standards

Pollutant	Averaging Time	CAAQS[2]	NAAQS[1] Primary	NAAQS[1] Secondary
Ozone (O_3)	8-Hour	0.07 ppm[3] (137 µg/m^3)[4]	0.075 ppm (147 µg/m^3)	Same as Primary
	1-Hour	0.09 ppm (180 µg/m^3)	N/A[5]	N/A
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m^3)[6]	9 ppm (10 mg/m^3)	N/A
	1-Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	N/A
Nitrogen Dioxide (NO_2)	Annual	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)	Same as Primary
	1-Hour	0.18 ppm (339 µg/m^3)	N/A	N/A
Sulfur Dioxide (SO_2)	Annual	N/A	0.03 ppm (80 µg/m^3)	N/A
	24-Hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)	N/A
	3-Hour	N/A	N/A	0.5 ppm (1,300 µg/m^3)
	1-Hour	0.25 ppm (655 µg/m^3)	N/A	N/A
Respirable Particulate Matter (PM10)	AAM[7]	20 µg/m^3	N/A	N/A
	24-Hour	50 µg/m^3	150 µg/m^3	Same as Primary
Fine Particulate Matter (PM2.5)	AAM	12 µg/m^3	15 µg/m^3	Same as Primary
	24-Hour	N/A	35 µg/m^3	Same as Primary
Lead (Pb)	Quarterly	N/A	1.5 µg/m^3	Same as Primary
	Rolling 3-Mo. Avg	N/A	0.15 µg/m^3	Same as Primary
	Monthly	1.5 µg/m^3	N/A	N/A
Sulfates	24-Hour	25 µg/m^3	N/A	N/A

1 NAAQS = National Ambient Air Quality Standards
2 CAAQS = California Ambient Air Quality Standards
3 ppm = parts per million (by volume)
4 µg/m^3 = micrograms per cubic meter
5 N/A = Not applicable
6 mg/m^3 = milligrams per cubic meter
7 AAM = Annual arithmetic mean

Source: California Air Resources Board, November 17, 2008.

Table 1-2

South Coast Air Basin Attainment Status

Pollutant (Status as of June 2009)	National Standards	California Standards
Ozone (O_3)	Nonattainment - Severe 17[1]	Nonattainment
Carbon Monoxide (CO)	Attainment - Maintenance	Attainment
Nitrogen Dioxide (NO_2)	Attainment - Maintenance	Attainment
Sulfur Dioxide (SO_2)	Attainment	Attainment
Respirable Particulate Matter (PM10)	Nonattainment - Serious	Nonattainment
Fine Particulate Matter (PM2.5)	Nonattainment	Nonattainment
Lead (Pb)	Attainment	Attainment

[1] The current designation of the region is Severe-17. However, in the 2007 AQMP, SCAQMD requests a re-designation to Extreme non-attainment.

Source: CDM, 2009.

CARB has been granted jurisdiction over a number of air pollutant emission sources that operate in the state. Specifically, CARB has the authority to develop emission standards for on-road motor vehicles, as well as for stationary sources and some off-road mobile sources. In turn, CARB has granted authority to the regional air pollution control and air quality management districts to develop stationary source emission standards, issue air quality permits, and enforce permit conditions.

1.1.2.3 South Coast Air Quality Management District (SCAQMD)

The SCAQMD has jurisdiction over an area of 10,743 square miles consisting of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino counties, and the Riverside County portions of the Salton Sea Air Basin and Mojave Desert Air Basin. The Basin is a sub-region of the SCAQMD's jurisdiction and covers an area of 6,745 square miles. While air quality in this area has improved, the Basin requires continued diligence to meet air quality standards.

The SCAQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the CAAQS and NAAQS. Most recently, SCAQMD and CARB have adopted the 2007 AQMP and have submitted it to USEPA for approval. These plans require, among other emissions-reducing activities, control technology for existing sources; control programs for area sources and indirect sources; a permitting system designed to ensure no net increase in emissions from any new or modified permitted sources of emissions; transportation control measures; sufficient control strategies to achieve a five percent or more annual reduction in emissions (or 15 percent or more in a three-year period) for VOC, NO_x, CO, and PM10; and demonstration of compliance with CARB's established reporting periods for compliance with air quality goals.

The SCAQMD also adopts rules to implement portions of the AQMP. At least one of these rules is applicable to the construction phase of the project. Rule 403 requires the implementation of best available fugitive dust control measures during active construction activities capable of generating fugitive dust emissions from on-site earth-moving activities, construction/demolition activities, and construction equipment travel on paved and unpaved roads.

1.1.2.4 Southern California Association of Governments

The Southern California Association of Governments (SCAG) is the metropolitan planning organization for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for the discussion of regional issues related to transportation, the economy, community development, and the environment. As the federally designated metropolitan planning organization (MPO) for the southern California region, SCAG is mandated by the federal government to research and develop plans for transportation, hazardous waste management, growth management, and air quality.

SCAG is also responsible under the federal CAA for determining conformity of transportation projects, plans, and programs with applicable air quality plans.

In the Basin, the City of Los Angeles, CARB, and the SCAQMD have adopted or proposed additional rules and policies governing the use of cleaner fuels in public vehicle fleets. The City of Los Angeles Policy CF#00-0157 requires that city-owned or operated diesel-fueled vehicles be equipped with particulate traps and that they use ultra-low-sulfur diesel fuel. CARB adopted a Risk Reduction Plan for diesel-fueled engines and vehicles. The SCAQMD has proposed a series of rules that would require the use of clean fuel technologies in on-road school buses, on-road heavy-duty public fleets, and street sweepers. To be consistent with air quality analyses conducted for other LAX projects, such as the LAX Master Plan and the associated Final General Conformity Determination, recent plans and policies addressing ground access vehicle emissions have not been incorporated into the air quality impact analysis described below. The emission reductions that would be associated with implementation of SCAQMD's clean fuel rules are not incorporated into the CUP-RP air quality analysis; therefore, the estimate of ground access vehicle emissions is considered conservative.

1.1.3 Historical and Baseline Ambient Air Quality

The SCAQMD maintains a network of air quality monitoring stations located throughout the Basin. The closest monitoring station, and most representative of existing air quality conditions in the project area, is the Southwest Coastal Los Angeles Monitoring Station. Through 2003, this station was located at 5234 West 120th Street (Hawthorne), or about 2.4 miles southeast of the LAX Theme Building and 0.75 mile southeast of the southeast corner of the airport. In April 2004, the station was moved to 7201 W. Westchester Parkway (referred to as the LAX Hastings site), roughly 1.5 miles northwest of the Theme Building and less than 0.5 mile from Runway 24R (northernmost LAX runway). This station monitors ozone, CO, SO_2, NO_2, and PM10. Data available from this monitoring station were summarized for the five-year period of 2004 - 2008 in **Table 1-3**. In general, the measured concentrations at these locations are below concentrations measured at many of the other monitors around the Basin. It does appear that 2007 showed some increases in several pollutants compared to 2005 and 2006, especially the PM10 measurements. These PM10 concentrations may have been influenced by the extensive fires that occurred throughout Southern California in the fall of 2007. The fires occurred concurrently with strong Santa Ana winds that blew from the eastern deserts out to the coast, and may have carried the ash to the coastal monitoring stations.

Table 1-3

Southwest Coastal Los Angeles Monitoring Station Ambient Air Quality Data

Pollutant[1,2]	2004	2005	2006	2007	2008
Ozone (O_3)					
Maximum Concentration 1-hr period, ppm	0.120	0.086	0.084	0.087	0.086
Maximum Concentration 8-hr period, ppm	0.1	0.076	0.067	0.076	0.076
Carbon Monoxide (CO)					
Maximum Concentration 1-hr period, ppm	4	3	3	[3]	[3]
Maximum Concentration 8-hr period, ppm	3.03	2.14	2.27	2.39	2.53
Nitrogen Dioxide (NO_2)					
Maximum Concentration 1-hr period, ppm	0.091	0.091	0.099	0.084	0.094
Annual Arithmetic Mean (AAM), ppm	[3]	0.013	0.015	0.014	0.014
Sulfur Dioxide (SO_2)					
Maximum Concentration 1-hr period, ppm	0.02	0.04	0.02	[3]	[3]
Maximum Concentration 24-hr period, ppm	0.007	0.012	0.010	0.009	0.004
Annual Arithmetic Mean (AAM), ppm	0.003	0.006	0.002	0.003	0.001
Respirable Particulate Matter (PM10)[4,5]					
Maximum National Concentration 24-hr period, $\mu g/m^3$	47	44	45	128	50
Maximum California Concentration 24-hr period, $\mu g/m^3$	46	44	45	128	50
Annual National Concentration, $\mu g/m^3$	21.5	22.9	23.5	29.3	25.6
Annual California Concentration, $\mu g/m^3$	[3]	[3]	[3]	[3]	[3]

1 Through 2003, this station was located at 5234 West 120th Street (Hawthorne). In April 2004, the station was moved to 7201 W. Westchester Parkway (Westchester).
2 An exceedance is not necessarily a violation. Violations are defined in 40 CFR 50 for NAAQS and 17 CCR 70200 for CAAQS.
3 There was insufficient (or no) data available to determine the value.
4 Statistics may include data that are related to an exceptional event.
5 State and national statistics may differ for the following reasons: State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

Source: California Air Resources Board, 2008.

1.2 CEQA Thresholds of Significance

The SCAQMD has developed CEQA operational and construction-related thresholds of significance for air pollutant emissions from projects proposed in the Basin. Construction and operational emission thresholds are summarized in **Table 1-4**. In accordance with the SCAQMD CEQA Air Quality Handbook, a significant air quality impact would occur if the estimated incremental increase in construction-related emissions attributable to the project would be greater than daily construction emission thresholds presented in **Table 1-4**. A significant air quality impact would occur as well if the estimated incremental increase in operational emissions attributable to the project would be greater than the operational daily emission thresholds presented in **Table 1-4**.

Table 1-4

SCAQMD CEQA Thresholds of Significance for Air Pollutant Emissions in the South Coast Air Basin

	Mass Emission Thresholds	
	Construction	Operations
Pollutant	**lbs/day**	**lbs/day**
CO	550	550
NO_x	100	55
VOC	75	55
SO_2	150	150
PM10	150	150
PM2.5	55	55
Pb	3	3

Source: SCAQMD, 1993, 2008.

The SCAQMD has also developed operational and construction-related thresholds of significance[4] for air pollutant concentration impacts from projects proposed in the Basin. These thresholds are summarized in **Table 1-5**. In accordance with the SCAQMD CEQA Air Quality Handbook, a significant air quality impact would occur if the estimated incremental ambient concentrations due to project construction-related or operations-related emissions would be greater than the concentration thresholds presented in **Table 1-5**.

Table 1-5

SCAQMD CEQA Thresholds of Significance for Air Pollutant Concentrations in the South Coast Air Basin

	Project-Related Concentration Thresholds			
Pollutant	**Averaging Period**	**Construction**	**Operations**	**Project Only or Total[1]**
PM10	Annual	1.0 µg/m^3	1.0 µg/m^3	Project Only
PM10	24-hour	10.4 µg/m^3	2.5 µg/m^3	Project Only
PM2.5	24-hour	10.4 µg/m^3	2.5 µg/m^3	Project Only
CO	1-hour	20 ppm (23 mg/m^3)	20 ppm (23 mg/m^3)	Total incl. Background
CO	8-hour	9.0 ppm (10 mg/m^3)	9.0 ppm (10 mg/m^3)	Total incl. Background
NO_x (as NO_2)	1-hour	0.18 ppm (339 µg/m^3)	0.18 ppm (339 µg/m^3)	Total incl. Background
NO_x (as NO_2)	Annual	0.030 ppm (57 µg/m^3)	0.030 ppm (57 µg/m^3)	Total incl. Background

[1] The concentration threshold for attainment pollutants (CO and NO_2) is the CAAQS, which is at least as stringent as the NAAQS. The concentration threshold for nonattainment pollutants (PM10 and PM2.5) has been developed by SCAQMD for project construction or operational impacts.

Source: SCAQMD, 1993, 2008.

[4] South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993; as updated by "SCAQMD Air Quality Significance Thresholds," July 2008, Available: http://www.aqmd.gov/CEQA/handbook/signthres.pdf.

Finally, the SCAQMD has developed significance thresholds for health risk for individual projects. These thresholds address both cancer and non-cancer risks, and are summarized in the **Table 1-6**. Note that these thresholds apply to incremental risks for individual projects.

Table 1-6

SCAQMD CEQA Thresholds of Significance for Health Risk in the South Coast Air Basin

Risk	Significance Threshold
Maximum Incremental Cancer Risk	10 in 1 million (10×10^{-6})
Project Incremental Hazard Index[1]	1.0

[1] Hazard index thresholds are applied to both chronic and acute risks.

Source: SCAQMD, 1993, 2008.

2. METHODOLOGY

The air quality assessment for the CUP-RP was conducted in accordance with the SCAQMD's 1993 *CEQA Air Quality Handbook*.[5]

2.1 Emission Estimates

Emission inventories were developed for construction of the CUP-RP and operational sources associated with installation and operation of two new cogeneration turbines, two heat recovery steam generators (HRSG) and duct burners, a stand-by auxiliary boiler, and a cooling tower. These new units replace the existing two cogeneration turbines, two utility boilers, and cooling tower. Emissions associated with construction and operation of a potential recycled/reclaimed water pipeline and treatment system were included in the analysis conducted for this technical report. Inventories are developed for emissions of criteria air pollutants, TACs and GHGs.

2.1.1 Construction Emissions

Annual and peak daily air pollutant emissions inventories were developed for the CUP-RP from construction-related activities. Emissions estimates for CO, VOC, NO_x, SO_2, PM10, PM2.5, and CO_2 were developed for off-road construction equipment, on-road on-site construction equipment, and on-road off-site construction equipment. Emissions from off-road equipment and on-road vehicles (tractor trailers, light duty trucks, employee vehicles, etc., which can travel on highways and local roads) were evaluated separately to account for the California Air Resources Board's (CARB's) published emissions factors for both categories of equipment. Fugitive dust emissions resulting from excavation, wind erosion of dirt piles, and dust entrainment from vehicle travel on paved roadways were also quantified as part of the construction emissions inventories. Construction emissions from the potential recycled/reclaimed water pipeline and treatment plant were estimated using the URBEMIS model.

In order to estimate construction emissions, resource requirements and activity schedules were developed by the LAX Development Program Team. Monthly estimates of equipment usage (in hours) were also developed for each piece of equipment expected to be used during CUP-RP construction. From the resource information provided, annual and peak daily emissions estimates were developed for the construction period. Peak-day emissions estimates were developed for each construction quarter.

Emissions estimates for CUP-RP construction activities included the application of emission reduction measures required by the LAX Master Plan Final EIR and SCAQMD rules, as well as additional control measures set forth in the LAX Master Plan Community Benefits Agreement.[6] These measures are applicable to PM10 and PM2.5 emissions and to a lesser degree to NO_x emissions. The reductions of PM10 and PM2.5 are discussed in Section 2.3 below. Due to the uncertainty regarding the compatibility of NO_x control devices in the listed off-road diesel construction equipment, no reduction of NO_x has been assumed in this analysis.

2.1.1.1 Off-Road Equipment

Off-road construction equipment includes dozers, loaders, sweepers and other heavy-duty construction equipment that is not licensed for travel on public roadways. Off-road equipment types, models, and horsepower ratings were determined by the LAX Development Program Team. Emission rates, in pounds per hour (lb/hr), were obtained from the SCAQMD's CEQA website for off-road equipment

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5 South Coast Air Quality Management District, CEQA Air Quality Handbook, 1993, as amended. Amendments available: http://www.aqmd.gov/ceqa/hdbk.html.

6 While the CUP-RP is not considered to be an LAX Master Plan project, the basic framework and requirements of several of the Master Plan commitments and mitigation measures identified in the LAX Master Plan Final EIR would apply to, and effectively mitigate the potential environmental impacts of, the CUP-RP, if and as those commitments and measures are included as requirements of the proposed CUP-RP.

operating in the Basin.[7] These emission rates were converted to emission factors by dividing the rate by the specific horsepower from the SCAQMD off-road emission rate list and load factor from the SCAQMD CEQA Handbook Table A9-8-D for each equipment type. These emission factors, in pounds per horsepower-hour (lb/hp-hr), were multiplied by the project equipment horsepower and load factor to develop project-specific emission rates for CO, VOC, NO_x, SO_2, PM10, and CO_2. PM2.5 emission factors were developed using the ratio of PM2.5-to-PM10 emission factors derived from the CARB-approved California Emission Inventory Development and Reporting System (CEIDARS), Version 2.5. The emission factors used to estimate emissions for off-road construction equipment are presented in Attachment 1 of this technical report.

Daily emissions for off-road equipment were calculated by multiplying the appropriate emission factor by the horsepower, load factor, and daily operational hours for each type of equipment. Using the resource loaded schedule equipment activity (hours per month), the peak month average day was used to quantify peak daily emissions for off-road equipment. Annual off-road emissions were derived from the daily emissions estimates and the project's construction schedule.

2.1.1.2 On-Road On-Site Equipment

On-road on-site equipment emissions were generated for on-site pickup trucks, crew vans, water trucks, dump trucks, haul trucks, and other on-road vehicles. Exhaust emissions from on-road on-site sources were calculated using emission factors from the CARB emission factor model EMFAC2007, Version 2.3.[8] The SCAQMD-compiled EMFAC2007 factors[9] were used which incorporate the most conservative result of summer versus winter emission factors for each pollutant.

In developing these emissions factors from EMFAC2007, SCAQMD simplified the technology categories into three for use in CEQA analyses: passenger vehicles (gasoline vehicles less than 8,500 lbs), delivery trucks (gasoline vehicles greater than 8,500 lbs and less than 33,000 lbs), and heavy duty diesel trucks (diesel vehicles greater than 33,000 lbs up to 60,000 lbs).

EMFAC2007 emission factors are expressed in pounds per mile; therefore, roundtrip distances for on-site travel were determined for each category to calculate emissions in pounds per day. The EMFAC factors account for start-up, running, and idling.[10] In addition, the VOC emission factors include diurnal, hot soak, running, and resting emissions, and the PM10 and PM2.5 factors include tire and brake wear.

Annual on-road on-site emissions were calculated from the daily emissions estimates and the project's construction schedule.

2.1.1.3 On-Road Off-Site Equipment

On-road off-site trip types identified in the construction schedule include personal vehicles used by personnel/employees and inspectors to access the construction site; deliveries of concrete, and miscellaneous material; and hauling away of cut material unsuitable for on-site reuse, contaminated soil for disposal, demolition spoils that cannot be reused on-site, and miscellaneous material.

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7 South Coast Air Quality Management District, OFFROAD2007 Model and South Coast Air Basin Fleet Averages, Available: http://www.aqmd.gov/CEQA/handbook/offroad/offroad.html, accessed January 2009.

8 California Air Resources Board, Research Division, EMFAC 2007 On-Road Emissions Inventory Estimation Model, Version 2.3. The U.S. Environmental Protection Agency has approved this model for use in estimating emissions for on-road vehicles as noticed in the Federal Register Vol. 73, No. 13, pp. 3464-3467, January 18, 2008.

9 South Coast Air Quality Management District, Available: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html, accessed January, 2009.

10 California Air Resources Board, Research Division, EMFAC 2007 On-Road Emissions Inventory Estimation Model, Version 2.3 User's Guide, EMFAC calculates idling emissions for heavy duty trucks to account for unloading and loading goods. Start-up emissions are only calculated for gasoline vehicles.

On-road off-site vehicle emissions were calculated by determining total vehicle miles traveled (VMT) by each type of vehicle per day. The SCAQMD EMFAC2007 emission factors (all six criteria pollutants including PM2.5) were used to calculate emissions for on-road off-site vehicles.

Total emissions for on-road off-site equipment were calculated using the same methodology assumed for on-road on-site vehicles. In general, the EMFAC2007 emissions factors were multiplied by the total VMT for each vehicle type to obtain emissions in pounds per day. Annual emissions were then calculated using the proposed construction schedule. Data for on-road off-site vehicle emissions, VMT and emissions factors, are included in Attachment 1 of this technical report.

2.1.1.4 Fugitive Dust

Additional sources of PM10 and PM2.5 emissions associated with construction activities are related to fugitive dust. Fugitive dust includes entrained road dust from both off- and on-road vehicles, as well as dust from grading, loading and unloading, hauling and storage activities. Fugitive dust emissions (PM10 and PM2.5) were calculated using the URBEMIS model,[11] USEPA's AP-42,[12] and SCAQMD's CEQA Air Quality Handbook. Daily fugitive dust emissions were calculated for each piece of construction equipment or construction activity, from which annual and peak day fugitive dust emissions were determined.

Fugitive dust emissions for vehicles traveling on paved roads were calculated using the paved road dust factor for high average daily trip (ADT) roads under average conditions developed by Midwest Research Institute (MRI).[13] All haul trucks, flatbed trucks and automobiles were assumed to travel on paved roads.

Fugitive dust emissions from on-site construction activities (grading, loading, hauling, and storage) were calculated from the AP-42 and URBEMIS. The grading, loading, and hauling (on-site) emissions are implicitly included in the URBEMIS 9.2.4 model which was used to estimate grading, loading, and demolition material hauling emissions.

2.1.1.5 Paving and Painting

Construction materials that can be sources of VOC emissions include hot-mix asphalt paving and architectural coating. VOC emissions from asphalt paving operations result from the evaporation of the petroleum distillate solvent, or diluent, used to liquefy asphalt cement. Asphalt paving emissions and emissions from architectural coating were calculated using the URBEMIS model. The URBEMIS model is recommended by SCAQMD for estimation of construction and operation emissions from land use development projects.

2.1.1.6 Construction TAC Emissions

The emissions of TACs from construction activities were developed from the construction PM10 and VOC emission inventories and CARB speciation profiles.[14,15] Specifically, PM10 or VOC emissions from individual sources or source groups were multiplied by the particulate matter or organic gas profile, respectively, for that source or group. The profiles applied to each source or group are summarized **Table 2-1**.

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11 Jones and Stokes, Associates, Software User's Guide: URBEMIS2007 for Windows Version 9.2 - Emissions Estimation for Land Use Development Projects, prepared on behalf of South Coast Air Quality Management District, November 2007.

12 U.S. Environmental Protection Agency, Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fifth Edition (AP-42), Available: http://www.epa.gov/ttn/chief/ap42/index.html, accessed January 2009.

13 South Coast Air Quality Management District, Improvement of Specific Emission Factors (BACM Project No. 1) Final Report, prepared by Midwest Research Institute, March 29, 1996.

14 California Air Resources Board, California Emission Inventory Development and Reporting System - Particulate Matter Speciation Profiles, 2007, Available: http://www.arb.ca.gov/ei/speciate/pmprof_07_19_07.xls.

15 California Air Resources Board, California Emission Inventory Development and Reporting System - Organic Gas Speciation Profiles, 2005, Available: http://www.arb.ca.gov/ei/speciate/orgprof_10_03_05.xls.

Table 2-1

Speciation Profile Assignments to CUP-RP Construction Sources and Source Groups

Source Type	Source Group	Particulate Matter Speciation Profile No.	Organic Gas Speciation Profile No.
On-site Equipment (on-road or off-road engines)	Diesel	425 - Diesel vehicle exhaust	818 - Diesel farm equipment
On-site Equipment (on-road)	Gasoline	400 - Gasoline vehicle (catalyzed)	441 - Gasoline vehicle (catalyzed)
Fugitive Construction Dust	Fugitive	420 - Construction dust	Not applicable
Paved Road Dust	Road dust	420 - Construction dust	Not applicable
Architectural Coating/Painting	Paint	Not applicable	1811 - Ground traffic marking coatings
Pavement	Pave	Not applicable	715-Slow cure asphalt

Source: CDM, 2009.

2.1.2 Operational Emissions

Daily air pollutant emissions inventories were developed for the CUP-RP from plant operations both before and after completion of the CUP-RP. Emissions estimates for CO, VOC, NO_x, SO_2, PM10, PM2.5, TACs, and GHGs were developed for new and existing combustion turbines/duct burners, utility boilers, and cooling towers.

Equipment in the existing CUP that would be replaced or modified includes two 4 megawatt (MW) cogeneration turbine generator sets (both continuously operating), two 27.5 million British thermal units per hour (MMBtu/hr) boilers (one operating and one standby), and one four-bay cooler tower. The exhaust gas from each turbine is routed through a waste heat boiler. The exhaust flows from the waste heat boilers are combined, treated with ammonia to reduce NO_x and discharged from a single stack. The other boilers each exhaust through individual stacks (one per unit).

New equipment in the CUP after completion of the CUP-RP would include two 4.5 MW cogeneration turbine generator sets (both continuously operating), two heat recovery steam generators (HRSG) and duct burners, one stand-by auxiliary boiler, and one four-bay cooling tower. Heat from each turbine exhaust gas would be used to produce steam in the HRSG; additional steam could be produced by operating the duct burners. Each turbine/duct burner system was assumed to exhaust through one stack. A total of three stacks for fired equipment were included in the air quality analysis, one each for the two turbine/duct burners, and one for the stand-by auxiliary boiler.

2.1.2.1 Combustion Turbines

The existing combustion turbine annual emissions were based on emissions reported in the 2006-2007 Annual Emissions Report (AER) submitted by LAWA to SCAQMD.[16] This report was the most recent AER completed for a 12-month period. The AER includes emissions of criteria air pollutants and TACs for the turbines. Peak daily emissions were based on the turbine emission factors obtained from the

[16] City of Los Angeles - Department of Airports, AQMD 2006-2007 AER, September 28, 2007.

2006-2007 AER report and the turbine maximum hourly firing rate listed in the SCAQMD Facility Permit to Operate (CAA Title V Permit)[17] revised in July 2008.

The emissions from the new turbines were based on data obtained from a potential turbine supplier (Solar) for two 4.5-MW units. The TAC profiles from the AER report were assumed to be applicable to the new turbines. The PM data for both existing and new turbines was assumed to represent total PM10 and total PM2.5 (i.e., all PM in the turbine exhaust was less the 2.5 micrometers in diameter). Planned operation of the new turbines would have them operating continuously, so both peak daily and annual emissions are based on the maximum hourly firing rate for the turbines.

The TAC emissions from the existing turbines were used to develop speciation profiles that were then applied to the new turbines. The emissions of organic TAC compounds were referenced to the reported turbine VOC emissions. The resulting profiles were in units of pounds of TAC per pound of VOC. These profiles were multiplied by the VOC emissions for the new turbines to obtain the new turbine organic TAC emissions.

Controlled NO_x emissions from the new turbines are anticipated to be achieved through use of selective catalytic reduction (SCR), which typically requires ammonia to reduce NO_x to molecular nitrogen (N_2), the compound that makes up almost 80 percent of the air we breathe. Some unreacted ammonia would be discharged in the turbine exhaust gas. Ammonia emissions were calculated using the turbine exhaust gas flow rate and assumed concentration of ammonia in exhaust gas. This concentration was set at 5 parts per million by volume, the limit typically imposed by SCAQMD on ammonia "slip" from SCR units.

GHG emissions from turbines were calculated using emission factors for natural gas and global warming potentials (GWPs) for carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O) from the CARB regulation for the mandatory reporting of GHGs.[18] The annual quantity of fuel combusted was multiplied by the high heating value (HHV) of the natural gas and the GHG emission factor to obtain GHG emissions and the total quantity of carbon dioxide equivalent (CO_2e) emissions in metric tons.

2.1.2.2 Utility Boilers

Existing annual boiler emissions were based on emissions reported in the 2006-2007 AER submitted by LAWA to SCAQMD.[19] As with the turbines, the AER includes emissions of criteria air pollutants and TACs for the boilers. The PM emissions were assumed to represent total PM10 and total PM2.5. Peak daily emissions were based on boiler emission factors obtained from the 2006-2007 AER report and the boiler maximum hourly firing rate listed in the SCAQMD Facility Permit to Operate (CAA Title V Permit)[20] revised in July 2008.

Criteria pollutant emissions data from the new stand-by auxiliary boiler were provided by the LAX Development Program Team from preliminary design data. This unit only operates when one or more of the new turbines or duct burners are down at a time when steam demand is high. The peak daily and peak annual emissions from the new CUP occur when both turbines and both duct burners are operating, therefore, this stand-by boiler would not contribute to the peak daily or peak annual emissions.

Organic TAC emissions from existing utility boilers were used to create profiles relative to VOC emissions. These profiles were applied to the VOC emissions from the new boiler to obtain organic TAC emissions from the new unit. As with the turbines, NO_x emissions from the new auxiliary boiler may be controlled with ammonia. The ammonia concentration in the boiler exhaust gas is also assumed to be 5 parts per million by volume.

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17 South Coast Air Quality Management District, Facility Permit to Operate – LA City, Department of Airports, Facility ID 800335, July 2, 2008.

18 California Code of Regulations, Subchapter 10, Article 2, sections 95100 to 95133, Title 17.

19 City of Los Angeles - Department of Airports, AQMD 2006-2007 AER, September 28, 2007.

20 South Coast Air Quality Management District, Facility Permit to Operate – LA City, Department of Airports, Facility ID 800335, July 2, 2008.

The GHG emissions from the existing utility boilers were calculated using emission factors for natural gas and GWPs for CO_2, CH_4, and N_2O from the CARB regulation for the mandatory reporting of GHGs.[21] The maximum heat input rating in millions of Btu per hour, assuming the boilers were operated at maximum capacity, was multiplied by the maximum annual operating hours and the GHG emission factor to obtain GHG emissions and the total quantity of CO_2e emissions in metric tons. As noted above, the new stand-by auxiliary boiler would not contribute to peak annual emissions, which applies to GHGs as well as criteria pollutants.

2.1.2.3 Duct Burners

The new duct burners were assumed to have similar operating emission characteristics as the new stand-by auxiliary boiler. Therefore criteria pollutant, TAC, and GHG emissions factors applied to the auxiliary boiler were also applied to duct burners. As with the new turbines, the planned operation of the new duct burners would have them operating continuously; therefore, both peak daily and annual emissions are based on the maximum hourly firing rate for the duct burners.

2.1.2.4 Cooling Towers

The existing cooling tower PM emissions were based on emissions reported in the 2006-2007 AER submitted by LAWA to SCAQMD.[22] Since cooling tower water is not dosed with TAC-containing additives, no other pollutants (criteria or TACs) were included in the AER for the cooling tower. PM emissions from these units were also assumed to represent total PM10 and total PM2.5 (i.e., all PM in the cooling tower discharge was less the 2.5 micrometers in diameter).

The AER also included the method used for calculating cooling tower PM emissions based on basic tower parameters (circulating water flow rates, total dissolved solids content of concentrated cooling water, and cooling tower drift loss). This method was applied to the general cooling tower parameters provided by the LAX Development Program Team for the new units to estimate PM emissions from the new cooling tower. The equation used was:

$$E = V \times (TDS/10^6) \times (L_{drift}/100) \times D_{water} \times 60 \times OH$$

Where: E = Annual PM emissions in pounds per year (lbs/year)

V = Cooling tower circulating water rate in gallons per minute (gpm)

TDS = Circulating water total dissolved solids content in parts per million (ppm)

L_{drift} = Controlled drift loss of circulating water in percent (%)

D_{water} = Density of water in pounds per gallon (lbs/gal)

OH = Annual operating hours in hours per year (hr/yr)

2.2 Dispersion Modeling

Air dispersion modeling was used to predict pollutant concentrations in the vicinity of the airport from construction emissions in the peak year of construction and from incremental operational emissions after completion of the CUP-RP. The USEPA AERMOD[23] dispersion model was used to conduct this analysis.[24] Pollutant concentrations were modeled for CO, NO_2, SO_2, PM10, and PM2.5.

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21 California Code of Regulations, Subchapter 10, Article 2, sections 95100 to 95133, Title 17.

22 City of Los Angeles - Department of Airports, AQMD 2006-2007 AER, September 28, 2007.

23 U.S. Environmental Protection Agency, User's Guide for the AMS/EPA Regulatory Model-AERMOD, EPA-454/B-03-001, September 2004; and Addendum, December 2006.

24 The FAA requires the use of the EDMS model for analysis of aviation sources at the airport, however analysis of construction sources can be conducted using appropriate, USEPA-approved models.

A series of receptors[25] surrounding the airport at the fenceline were established to calculate concentrations from CUP-RP activities. In addition, receptors were located in the community downwind in the prevailing wind direction, and in the Central Terminal Area (CTA). A total of 451 receptors were included in the dispersion analyses. For these modeling analyses, the receptor in the CTA immediately adjacent to the new CUP in the downwind direction would be the most impacted. Modeled concentrations at this location would therefore be higher than concentrations modeled farther away from the new CUP. The area that encompasses the CUP-RP sources and receptors is relatively flat; therefore the flat terrain option was used in the modeling analysis.

Averaging periods selected in AERMOD for each pollutant were based on the Basin's attainment status and averaging periods in the NAAQS and the CAAQS. In particular, 1-hour and 8-hour averages were used for CO, 1-hour and annual averages were used for NO_2, 24-hour and annual averages were used for PM10, and 24-hour averages were used for PM2.5.

In addition, 1-hour and period averages were modeled for PM10 and VOC as the basis for developing acute and chronic, respectively, concentrations of TACs. The resulting concentrations of PM10 from each source group was multiplied by the appropriate speciation profile shown in **Table 2-1**, above, to obtain the concentrations of TACs associated the particulate matter. Similarly, the resulting concentrations of VOC from each source group was multiplied by the appropriate speciation profile shown in **Table 2-1**, above, to obtain the concentrations of TACs associated the organic emissions.

To be consistent with air quality concentration impacts analyses conducted as part of EIRs for other LAX projects, such as the LAX Master Plan Final EIR, South Airfield Improvement Project (SAIP) Final EIR, CFTP Final EIR, the Bradley West Project Draft EIR, the same meteorological data file used in the Master Plan, SAIP, CFTP, and Bradley West Project modeling was used in the CUP-RP modeling to provide the meteorological input to AERMOD.

2.2.1 Construction Source Parameters

Off-road equipment used on the construction site and staging area, on-road on-site transfer and haul trucks, and architectural coating and site paving activities were included in the dispersion modeling of construction-related pollutants. The fugitive dust generated by these sources was included in the PM10 and PM2.5 analyses. **Figure 2-1** provides an overview of the modeled receptor locations. **Figure 2-2** provides a more detailed view of the CUP-RP source areas.

Engine emissions from off-road construction equipment were modeled as elevated areas sources, while fugitive construction dust was modeled as ground level area sources. Engine emissions from the transfer and haul trucks were modeled as elevated line sources, while road dust was modeled as ground level line sources. Since AERMOD does not include line sources as one of its standard source types, the line sources were created by a serious of volume sources where the initial horizontal dimension is equal to the width of the haul road (20 meters), and the height is set at 5 meters for truck engine emissions and set at 0 meters for road dust.

Because the downwind CTA receptor for this analysis is located very close to the CUP-RP construction site, the NO_2-to-NO_x conversion with distance profile presented in the SCAQMD localized significance threshold (LST) methodology[26] was used to estimate the contribution of CUP-RP construction to ambient NO_2 concentrations.

2.2.2 Operational Source Parameters

All operational sources were modeled as point (stack) sources. Building downwash was included for the existing CUP building and existing cooling tower for the baseline scenario. Building downwash was

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25 Receptors represent locations in the vicinity of the airport where people could potentially be exposed to the CUP-RP construction-related or incremental operations-related air pollutants by breathing the air.

26 South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, by T. Chico and J. Koizumi, June 2003.

included for the new CUP buildings as well as the new CUP cooling towers for the future scenario after completion of the CUP-RP. Approximate locations of the new CUP stacks and buildings in the CTA are shown in **Figure 2-3**. Individual stack parameters used in the AERMOD dispersion analysis are presented in **Table 2-2**.

Table 2-2

Stack Parameters Used for CUP-RP Operational Sources in Dispersion Modeling

	Stack Parameters			
Source (No. of Stacks)	**Height (ft)**	**Diameter (m)**	**Temperature (^{o}F)**	**Exit Velocity (m/s)**
Existing Turbine Exhaust (1)	55	1.524	300	20.27
Existing Boilers (2)	55	0.853	300	6.65
Existing Cooling Tower (4 bays)	40	7.010	Ambient	3.40
New Turbine/Duct Burner Exhausts (2)	55	1.000	300	24.79
New Boiler (1)	55	0.853	300	9.66
New Cooling Tower (4 bays)	65	7.010	Ambient	3.40

Source: CDM, 2009.

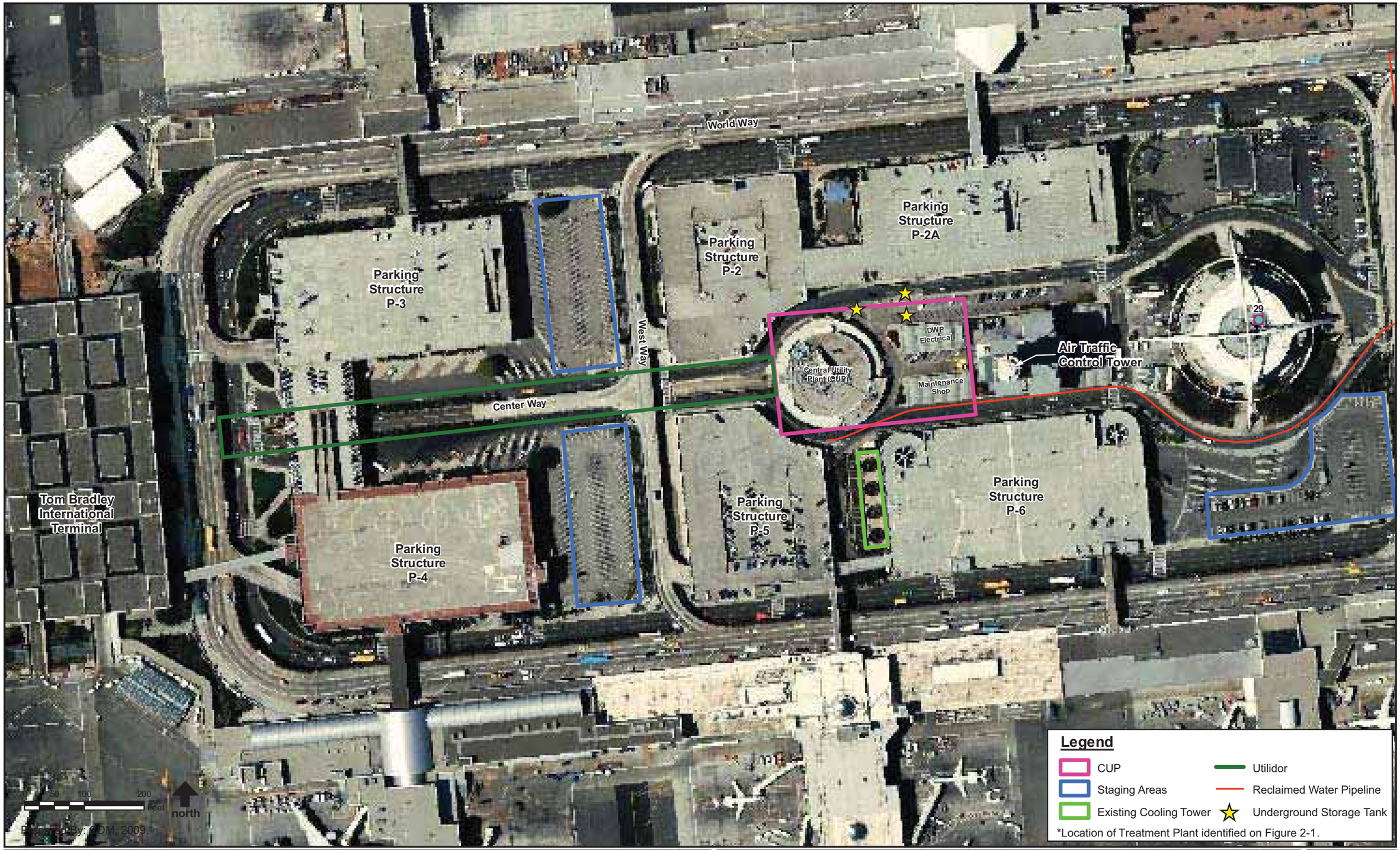
2.3 Incorporation of LAX Master Plan Mitigation Measures and Community Benefits Agreement (CBA) Measures

While the CUP-RP is not considered to be an LAX Master Plan project, the basic framework and requirements of several of the Master Plan commitments and mitigation measures identified in the LAX Master Plan Final EIR would apply to, and effectively mitigate the potential environmental impacts of, the CUP-RP, if and as those commitments and measures are included as requirements of the proposed CUP-RP. LAX Master Plan commitments and mitigation measures for LAX Master Plan Alternative D are described in the September 2004 document, *Alternative D Mitigation Monitoring & Reporting Program (MMRP)*. Of the three commitments and four mitigation measures that were designed to address air quality impacts related to implementation of the LAX Master Plan, two measures are applicable to construction emissions and hence were considered in the air quality analysis as part of the CUP-RP.

LAX CUP Replacement Project EIR

Modeled Source and Receptor Locations Construction

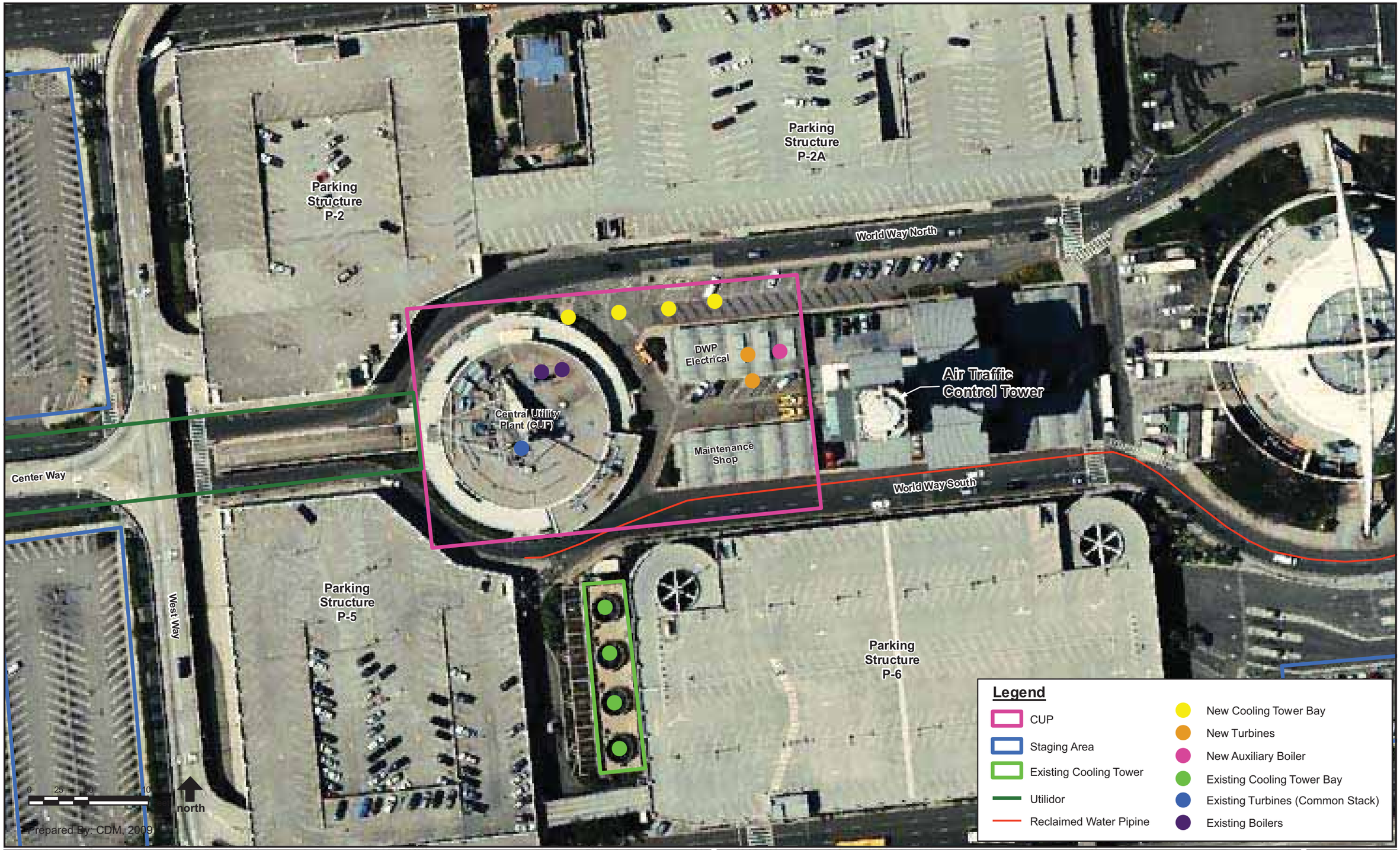
Figure 2-1



LAX CUP Replacement Project EIR

Construction Sources for AERMOD Modeling

Figure 2-2



LAX CUP Replacement Project EIR

Existing and New CUP Exhaust Stacks and CT Bays

Figure 2-3

- **MM-AQ-1. LAX Master Plan - Mitigation Plan for Air Quality**.[27] This mitigation measure specifies that LAWA will expand and revise existing air quality mitigation programs at the airport through the development of an LAX Master Plan-Mitigation Plan for Air Quality (LAX MP-MPAQ). The goal of the LAX MP-MPAQ is to reduce air pollutant emissions associated with implementation of the LAX Master Plan to levels equal to, or less than, the thresholds of significance identified in the LAX Master Plan Final EIR. A framework for the LAX MP-MPAQ was adopted by the Board of Airport Commissioners in December 2005. This document provides the overall structure for the overall air quality mitigation program; ultimately, the full LAX MP-MPAQ will define specific measures to be implemented within the context of the three individual components specific to the categories of emissions associated with the Master Plan, namely construction, transportation and operations (i.e., MM-AQ-2, MM-AQ-3 and MM-AQ-4, respectively). The construction component of the LAX MP-MPAQ has been adopted by the Board of Airport Commissioners (see below); LAWA is currently working to complete the other elements of the full LAX MP-MPAQ, specifically the transportation and operations elements.
- **MM-AQ-2. Construction-Related Measure**.[28] This mitigation measure describes numerous specific actions to reduce fugitive dust emissions and exhaust emissions from on-road and off-road mobile and stationary sources. As discussed in the MMRP and Section 4.6.8 of the LAX Master Plan Final EIR, the LAX Master Plan consultants did not quantify potential emission reductions associated with all of the mitigation measures that fall under MM-AQ-2. Emission reduction measures that were quantified and included in the mitigated emissions inventory presented in Section 4.6.8.5 of the LAX Master Plan Final EIR are described in **Table 2-3**. For the CUP-RP air quality analysis, it was assumed that these mitigation measures would be in place in 2009. Some components of MM-AQ-2 are not readily quantifiable, but would be implemented as part of the CUP-RP. These mitigation strategies, presented in **Table 2-4**, are expected to further reduce construction-related emissions associated with the CUP-RP.

Table 2-3

Construction-Related Mitigation Measures Incorporated into Construction Emissions Inventories

Mitigation Measure	Potential Emissions Reduction by Equipment
Heavy Duty Diesel (Off-road)	
Particulate Traps (where technologically feasible)	85% PM10 and 85% PM2.5, adjusted for compatibility
Fugitive dust caused by on- and off-site vehicle trips	
Watering (per SCAQMD Rule 403)	61% PM10 and 61% PM2.5

Source: CDM, 2009.

27 Los Angeles World Airports, LAX Master Plan Mitigation Plan for Air Quality (MPAQ) - MM-AQ-1: Framework, prepared by URS Corporation and KB Environmental Sciences, Inc., October 2005.

28 Los Angeles World Airports, LAX Master Plan Mitigation Plan for Air Quality (MPAQ) - MM-AQ-2: Construction-Related Mitigation Measures, prepared by URS Corporation and KB Environmental Sciences, Inc., October 2005.

Table 2-4

Construction-Related Air Quality Mitigation Measures

Measure	Type of Measure
Post a publicly visible sign with the telephone number and person to contact regarding dust complaints; this person shall respond and take corrective action within 24 hours.	Fugitive Dust
Prior to final occupancy, the applicant demonstrates that all ground surfaces are covered or treated sufficiently to minimize fugitive dust emissions.	Fugitive Dust
All roadways, driveways, sidewalks, etc. being installed as part of the project should be completed as soon as possible; in addition, building pads should be laid as soon as possible after grading.	Fugitive Dust
Pave all construction access roads at least 100 feet on to the site from the main road.	Fugitive Dust
To the extent feasible, have construction employees' work/commute during off-peak hours.	On-Road Mobile
Make available on-site lunch trucks during construction to minimize off-site worker vehicle trips.	On-Road Mobile
Prohibit staging and parking of construction vehicles (including workers' vehicles) on streets adjacent to sensitive receptors such as schools, daycare centers, and hospitals.	Nonroad Mobile
Prohibit construction vehicle idling in excess of ten minutes.	Nonroad Mobile
Specify combination of electricity from power poles and portable diesel- or gasoline-fueled generators using "clean burning diesel" fuel and exhaust emission controls.	Stationary Point Source Controls
Suspend use of all construction equipment during a second-stage smog alert in the immediate vicinity of LAX.	Mobile and Stationary
Utilize construction equipment having the minimum practical engine size (i.e., lowest appropriate horsepower rating for intended job).	Mobile and Stationary
Require that all construction equipment working on-site is properly maintained (including engine tuning) at all times in accordance with manufacturers' specifications and schedules.	Mobile and Stationary
Prohibit tampering with construction equipment to increase horsepower or to defeat emission control devices.	Mobile and Stationary
The contractor or builder shall designate a person or persons to ensure the implementation of all components of the construction-related measure through direct inspections, record reviews, and investigations of complaints.	Administrative

Source: CDM, 2004.

Additionally, the LAX Master Plan Community Benefits Agreement (CBA) includes several measures that are applicable to the CUP-RP to address potential construction-related air quality impacts. Section X.F of the CBA delineates the measures specific to Construction Equipment, with the majority of such measures being centered on the following requirement:

- **Best Available Emission Control Devices Required**. LAWA shall require that all diesel equipment used for construction related to the LAX Master Plan Program be outfitted with the best available emission control devices primarily to reduce diesel emissions of PM, including fine PM, and secondarily, to reduce emissions of NO_x. This requirement shall apply to diesel-powered off-road equipment (such as construction machinery), on-road equipment (such as trucks) and stationary

diesel engines (such as generators). The emission control devices utilized for the equipment at the LAX Master Plan Program construction shall be: (i) verified for use by EPA for on-road or off-road vehicles or engines. Devices certified or verified for mobile engines may be effective for stationary engines and that technology from EPA/CARB on-road verification lists may be used in the off-road context.

The estimated compatibility of PM filters for off-road construction equipment identified for the LAX Crossfield Taxiway Project (CFTP) and applied to the CUP-RP was determined by Clean Fuel Connection, Inc.[29] The compatibility for each type of equipment was provided as a high, medium or low probability. For this analysis, the probabilities were given numeric values such that 90 percent of equipment with high compatibility was assumed to be installed with PM filters, 50 percent of those with medium probability were installed with filters, and 10 percent of those with low probability were installed with filters. This ranking was used to adjust the Level 3 PM filter control efficiency (85 percent reduction) downward. In particular, those pieces of equipment with a high compatibility were assumed to achieve a 76.5 percent reduction over the construction duration, those with a medium compatibility were assumed to achieve a 42.5 percent reduction, and those with a low probability were assumed to achieve an 8.5 percent reduction. Again, these reductions are assumed to be included in the project design since they are required under existing measures and agreements. The specific assignments of emission reductions to equipment types are included in Attachment 1 of this technical report. The mitigation measures listed in Table 2-4, as well as the Best Available Emission Control Devices requirement in the CBA, will be included in the CUP-RP MMRP.

2.4 Human Health Risk Assessment Methodology

The HHRA was conducted based on total TAC emissions associated with CUP-RP construction and CUP-RP-specific changes in operational activities. The environmental baseline for construction was assumed to be zero emissions, because in the absence of CUP-RP, no construction emissions would occur. However, CUP-RP-specific operational changes were evaluated as incremental impacts above or below the 2008 environmental baseline. The HHRA was conducted in four steps as defined in SCAQMD, CalEPA, and USEPA guidance[30,31,32] consisting of:

- Identification of chemicals (in this case, TACs) that may be released in sufficient quantities to present a public health risk (Hazard Identification)
- Analysis of ways in which people might be exposed to chemicals (TACs) (Exposure Assessment)
- Evaluation of the toxicity of chemicals (TACs) that may present public health risks (Toxicity Assessment)
- Characterization of the magnitude and location of potential health risks for the exposed community (Risk Characterization)

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29 Clean Fuel Connection, Inc., Assessment of Compatibility of Verified Diesel Emission Control Systems with Diesel Equipment Identified for Use on the LAX Taxiway C13 and D Project, April 30, 2008.

30 South Coast Air Quality Management District, Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics Hot Spots Information and Assessment Act (AB2588), July 2005.

31 California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Risk Assessment Guidelines, Part I: Technical Support Document for the Determination of Acute Reference Exposure Levels for Airborne Toxicants, March 1999. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxic Hot Spots Program Risk Assessment Guidelines, Part IV: Technical Support Document for Exposure Assessment and Stochastic Analysis, September 2000. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Risk Assessment Guidelines, Part III: The Determination of Chronic Reference Exposure Levels for Airborne Toxicants, February 23, 2000. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Risk Assessment Guidelines. Part II: Technical Support Document for Describing Available Cancer Potency Factors, updated August 2003. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, August 2003.

32 U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund, Vol. I, Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December, 1989.

The HHRA analyses for the CUP-RP address the following issues, and provide additional information on the potential for human health impacts:

- Quantitative assessment of potential chronic human health impacts due to release of TACs associated with CUP-RP construction and subsequent operational activities.
- Quantitative evaluation of possible acute non-cancer hazards due to release of TACs during the approximately 4-year construction period and during subsequent operations associated with the CUP-RP.

Conservative methods were used to estimate human health risks and hazards. That is, methods were used that are likely to overestimate rather than underestimate possible health risks. For example, risks associated with CUP-RP construction and CUP-RP-specific operational activities were calculated for individuals where TAC concentrations are predicted to be highest (maximally exposed individual or MEI). Further, these individuals were assumed to be exposed to TACs for almost all days of the year and for many years to maximize estimates of possible exposure.

The HHRA also evaluates the potential for short-term (1-hour) exposures to cause immediate, or acute, health impacts. Resulting risk estimates represent upper-bound predictions of exposure, and therefore health risk, which may be associated with living near, and breathing emissions from, LAX during construction and operation of the CUP-RP. By protecting hypothetical individuals that receive the highest exposures, the risk assessment is also protective for actual members of the population near LAX that would not be as highly exposed.

2.4.1 Selection of TACs of Concern

In general the TACs of concern used in this HHRA were based on the TACs identified under California Assembly Bill AB2500 for which the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) has developed cancer slope factors, chronic reference levels, or acute reference levels. In addition, HHRA analyses presented in the Long Beach Airport Terminal Area Improvement Project Draft EIR,[33] LAX South Airfield Improvement Project (SAIP) Draft EIR,[34] LAX CFTP Draft EIR,[35] LAX Bradley West Project Draft EIR,[36] LAX Master Plan Final EIR,[37] Oakland International Airport - Airport Development Program (ADP) Draft Supplemental EIR,[38] and the Civilian Reuse of MCAS El Toro Draft EIR, Draft Supplemental Analysis[39] were reviewed. These documents represent recent EIRs conducted in California that assessed potential human health risk from airport operations. This review indicated that the compounds likely to produce the highest risk impacts from airport construction and operational sources would be from diesel particulate matter, 1,3-butadiene, acetaldehyde, acrolein, benzene, formaldehyde, naphthalene, chlorine, hexavalent chromium, and manganese. The method for identifying TACs from construction sources is described in Section 2.1.1.6, and for operational sources is described in Section 2.1.2. The final list of TACs of concern for the CUP-RP construction is presented in Section 3.2.1, and for CUP-RP operations is presented in Section 3.2.2 of this technical report.

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33 City of Long Beach, Long Beach Airport Terminal Area Improvement Project Draft EIR, September 2005.

34 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for South Airfield Improvement Project, Los Angeles International Airport (LAX), August 2005.

35 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), September 2008.

36 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

37 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

38 Port of Oakland, Draft Oakland International Airport - Airport Development Program (ADP) Supplemental Environmental Impact Report, September 2003.

39 County of Orange, Draft Environmental Impact Report No. 573 for the Civilian Reuse of MCAS El Toro and the Airport System Master Plan for John Wayne Airport and Proposed Orange County International Airport, Draft Supplemental Analysis, April 2001.

2.4.2 Exposure Assessment

The exposure assessment examines inhalation exposures to TACs of concern for several populations, consisting of workers (on-airport and off-airport), off-airport adult residents, off-airport child residents and off-airport school children. Each receptor represents a unique population and set of exposure conditions. As a whole, they cover a range of exposure scenarios for the potentially most affected human receptors near LAX. Receptors for which exposure scenarios are prepared were selected to provide the most conservative, and therefore, protective, values for health impact assessment. By providing estimates for the most exposed individuals, the general population would also be protected.

Exposure scenarios include receptors and the various pathways by which they might be exposed to TACs of concern. A complete exposure pathway consists of four parts:

- A TAC source (e.g., construction equipment fuel combustion)
- A release mechanism (e.g., construction equipment engine exhaust)
- A means of transport from point of release to point of exposure (e.g., local winds)
- A route of exposure (e.g., inhalation)

If any of these elements of an exposure pathway is absent, no exposure can take place and the pathway is considered incomplete and was not evaluated. Numerous potentially complete exposure pathways exist for receptors at or near LAX. For this HHRA, the inhalation pathway accounted for the majority of risk associated with the project, and was therefore quantitatively evaluated for all receptors. No other pathways other than inhalation-- including deposition of TACs onto soils and subsequent exposure via incidental ingestion of this soil, uptake from soil into homegrown vegetables, and other indirect pathways--were found to be important contributors to exposure and risk/hazard, as discussed in Section 6 of this technical report. Based on this analysis, pathways other than inhalation were not assessed in the HHRA for the CUP-RP.

Modeled concentrations were used to estimate human health risks and hazards, which serve as the basis of the significance determinations for the CUP-RP. To estimate cancer risks and the potential for adverse non-cancer health hazards, TAC intakes via inhalation for each receptor were estimated. For cancer and non-cancer risk assessment, average long-term daily intakes are used to estimate risk and hazards. Cancer risk is evaluated as the lifetime average daily dose (LADD) according to CalEPA and USEPA guidance. Non-cancer hazards are evaluated as average daily dose (ADD) over the period of exposure, again, following CalEPA and USEPA guidance. Chronic daily intake (CDI) for TACs is estimated as follows:[40]

$$CDI = (C \times IR \times EF \times ED) / (BW\ AT)$$

Where:

CDI	=	chronic daily intake (mg/kg body weight/day)
C	=	chemical concentration in exposure medium ($\mu g/m^3$)
IR	=	inhalation rate (m^3/day)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (years)
BW	=	body weight (kg)
AT	=	average time; e.g., the period over which exposure is averaged (days)

Averaging time for estimation of cancer risk is 70 years or 25,550 days. Cancer risk is evaluated as the lifetime average daily dose (LADD) according to CalEPA and USEPA guidance. Averaging time for

[40] U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund Vol. I, Human Health Evaluation Manual (Part A) Interim Final, EPA/540/1-89/002, December 1989.

estimation of non-cancer hazards is the duration of exposure, expressed in days. Non-cancer hazards are evaluated as average daily dose (ADD) over the period of exposure, again, following CalEPA and USEPA guidance.

Assessment of potential chronic human health impacts due to release of TACs associated with the CUP-RP assumes that the exposure concentrations of TACs are constant over a 70-year period for residential receptors. Since CUP-RP construction is expected to be completed in approximately 4 years, chronic health impacts estimated for construction are conservative and will substantially overestimate actual risk and hazards associated with the project. To provide a range of potential impacts, chronic health impacts are also calculated for the period of construction (i.e., approximately 4 years). This approximately 4-year construction period analysis is provided in Section 6, Uncertainties. Exposure parameters used to calculate LADD and ADD for all receptors for the inhalation pathway are summarized in **Table 2-5**. Exposure parameters are based on the CalEPA Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities,[41] USEPA Exposure Factors Handbook,[42] and CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments.[43] These exposure parameters were selected to maintain consistency with the health risk analyses conducted for the LAX Master Plan Final EIR,[44] the SAIP EIR,[45] the CFTP EIR[46] and the Bradley West Project EIR.[47] However, the CalEPA Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments recommends a range of exposure durations and inhalation rates be evaluated. Additional analyses, presented in Section 6, Uncertainties, verify that the sensitivity of the analyses to these variations in exposure durations and inhalation rates does not change the conclusions regarding potential impacts of the project.

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41 California Environmental Protection Agency, Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities, 1993.

42 U.S. Environmental Protection Agency, Exposure Factors Handbook, USEPA/600/P-95/002Fa, 1997.

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

44 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

45 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for South Airfield Improvement Project, Los Angeles International Airport (LAX), August 2005.

46 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), September 2008.

47 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

Table 2-5

Parameters Used to Estimate Exposures to TACs of Concern

Exposure Pathway Inhalation of Particulates and Gases	Off-Airport Receptors			
	Off-Site Resident		Off-Site School Child	Off-Site Worker
	Adult	Child		
Daily Breathing Rate (m^3/day)	20[2]	15[2]	6[2]	10[2]
Exposure Frequency (days/yr)	350[1,3]	350[1,3]	200[4]	245[1]
Exposure Duration (years)	70[1,5]	6[2]	6[4]	40[1]
Body Weight (kg)	70[1,6]	15[2]	40	70[1,6]
Averaging Time - Non-cancer (days)	25,550[1,6]	2,190[6]	2,190[6]	14,600[6]
Averaging Time - Cancer (days)	25,550[1,6]	25,550[1,6]	25,550[1,6]	25,550[1,6]

1 California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, August 2003.
2 U.S. Environmental Protection Agency, Exposure Factors Handbook, USEPA/600/P-95/002Fa, 1997.
3 U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors, August, 1991.
4 Site-specific. See Attachment 3.
5 70 year exposure duration will be used as basis for determining significance.
6 U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund, Volume I - Human Health Evaluation Manual, Part A, USEPA/540/1-89/002, 1989.

Source: CDM, 2009.

Analyses of cancer risk and non-cancer hazards, both chronic and acute, are included in the exposure assessment for these receptors. Chronic and acute exposure to TACs from CUP-RP construction and CUP-RP-specific operational activities has been estimated by:

- Estimation of construction and operation source emissions, both annual (for chronic exposure) and peak daily (for acute exposure) - results are presented in Section 3.2.
- Dispersion analysis of the on-airport construction TAC emissions - results are presented in Section 4.2.

2.4.3 Toxicity Assessment

Risks from exposure to TACs were calculated by combining estimates of potential exposure with toxicity criteria specific to each chemical. A toxicity assessment for TACs of concern was conducted for the LAX Master Plan Final EIR, as described in Technical Report 14a of that EIR. The conclusions of that assessment have not changed materially. As both the CalEPA's OEHHA and USEPA are continually updating toxicity values as new studies are completed, all toxicity information provided in Technical Report 14a was reviewed and updated as appropriate and used in this HHRA. Acute Reference Exposure Levels (RELs) developed by the State of California were used in the characterization of potential acute hazards associated with the CUP-RP.

Cancer slope factors and chronic RELs developed by the State of California were used to characterize cancer risks and chronic non-cancer hazards associated with longer term exposure to construction emissions. Both types of toxicity criteria are based on studies of chronic exposure in animals or, in some cases, to people. Cancer slope factors and chronic RELs are presented in **Table 2-6** and **Table 2-7**, respectively.

Table 2-6

Cancer Slope Factors

TAC of Concern	Cal/EPA[1] Inhalation Cancer Slope Factor [(mg/kg/day)$^{-1}$][2]	Tumor Site/ Inhalation	Cancer Classification[3]
VOC			
Acetaldehyde	0.01	Nasal, Larynx	B2
Acrolein	NA[4]	NA	C
Benzene	0.1	Blood	A
1,3-Butadiene	0.6	Reproductive System, Blood, Lung, GI	A
Ethylbenzene	0.0087	Kidney	D
Formaldehyde	0.021	Respiratory System	B1
Naphthalene	0.12	Respiratory System	C
Polycyclic Aromatic Hydrocarbon (PAHs) as Benzo(a)pyrene	3.9	Respiratory System	B2
Propylene oxide	0.13	Respiratory System	B2
Diesel Exhaust			
Diesel Particulates	1.1	Lung	D
PM-Metal			
Arsenic	12	Skin	A
Cadmium	15	Lung	B1
Chromium VI	510	Lung	A
Lead	0.042	NA	B2
Nickel	0.91	NA	A
Vanadium pentoxide	29[5]	NA	NA

1 Cal/EPA Office of Environmental Health Hazard Assessment Toxicity Criteria Online Database, http://www.oehha.ca.gov/risk/ChemicalDB/start.asp, 2009.
2 mg/kg/day - milligram per kilogram per day
3 USEPA, EPA Weight of Evidence (EPA 1986, EPA 1996):
A Human carcinogen
B1 Probable human carcinogen - indicates limited evidence in humans
B2 Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans.
C Possible human carcinogen
D Not classifiable as human carcinogen
4 NA Not available
5 USEPA Regional Screening Level (RSL) table, September 2009.

Source: CDM, 2009.

Table 2-7

Toxicity Criteria for Systemic Toxicants

TAC of Concern	USEPA Chronic Oral RfD[1,2] (mg/kg-day)[3]	Cal/EPA Chronic Inhalation RfD[4] (mg/kg-day)	Target Organ		Uncertainty Factor	
			Oral	Inhalation	Oral	Inhalation (Cal/EPA RfD)
VOC[6]						
Acetaldehyde	NA[7]	$4.00x10^{-2}$ (11)	NA	Respiratory System	NA	300
Acrolein	$5x10^{-4}$	$1.00x10^{-4}$ (11)	Decreased Survival	Respiratory System, Eye	100	200
Benzene	$4x10^{-3}$	$1.71x10^{-2}$	Decreased Lymphocyte count	Hematopoietic System, Development, Nervous System, Immune System	300	10
1,3-Butadiene	NA	$5.71x10^{-3}$ (11)	NA	Reproductive System	NA	30
Ethylbenzene	$1x10^{-1}$	$5.71x10^{-1}$	Liver, Kidney	Developmental, Liver, Kidney, Endocrine System	1,000	30
Ethylene glycol	$2x10^{0}$	$1.14x10^{-1}$	Kidney	Respiratory System, Kidney, Development	100	100
Formaldehyde	$2x10^{-1}$	$2.57x10^{-3}$ (11)	Body Weight	Respiratory System, Eye	100	10
n-Hexane	NA	$2.00x10^{0}$	NA	Nervous System	NA	30
Isopropyl alcohol	NA	$2.00x10^{0}$ (11)	NA	Kidney, Development	NA	NA
Methyl alcohol	$5x10^{-1}$	$1.14x 10^{0}$	Increased SGPT,[8] SAP[9] Decrease Brain Weight	Developmental	1,000	30
Methyl ethyl ketone	$6x10^{-1}$	$1.43x10^{0}$ (1)	Body Weight	Developmental (skeletal variations)	1,000	300
Naphthalene	$2x10^{-2}$	$2.57x10^{-3}$	Body Weight	Respiratory System	3,000	1,000
Polycyclic Aromatic Hydrocarbon (PAHs) as Benzo(a)pyrene	NA	NA	NA	NA	NA	NA
Phenol	$3x10^{-1}$	$5.71x10^{-2}$	Decreased maternal weight gain	Alimentary System, Cardiovascular System, Kidney, Nervous System	300	100
Propylene oxide	NA	$8.57x10^{-3}$	NA	Respiratory System	NA	100
Styrene	$2x10^{-1}$	$2.57x10^{-1}$	Red blood cells, Liver	CNS[10]	1,000	3
Toluene	$8x10^{-2}$	$8.57x10^{-2}$	Kidney Weight	CNS, Respiratory System, Development	3,000	300
Xylene	$2x10^{-1}$	$2.00x10^{-1}$	Body Weight	CNS, Respiratory System	1,000	30
Hydrogen chloride	NA	$2.57x10^{-3}$	NA	Respiratory system	NA	100
Diesel Exhaust						
Diesel Particulates	NA	$1.43x10^{-3}$	NA	Respiratory System	NA	NA
PM Metal						
Antimony	$4x10^{-4}$	NA	Blood	NA	1,000	NA
Arsenic	$3x10^{-4}$	$4.29x10^{-6}$ (11)	Skin	Development, Cardiovascular System, Nervous System	3	30
Cadmium	$1x10^{-3}$	$5.71x10^{-6}$	Proteinuria	Respiratory System, Kidney	10	30
Chromium (VI)	$3x10^{-3}$	$5.71x10^{-5}$ (11)	None reported	Respiratory System	300	300
Copper	$4x10^{-2}$ (5)	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Manganese	$1.4x10^{-1}$(Food)	$2.57x10^{-5}$ (11)	CNS	Nervous System	1	300
Mercury	NA	$8.57x10^{-6}$ (11)	NA	Nervous System	NA	300
Nickel	$2x10^{-2}$	$1.43x10^{-5}$	Body, Organ Weight	Respiratory System, Immune System	300	30
Selenium	$5x10^{-3}$	$5.71x10^{-3}$ (11)	Clinical selenosis	Alimentary System, Cardiovascular System, Nervous System	3	NA
Silicon	NA	NA	NA	NA	NA	00
Vanadium pentoxide	$9x10^{-3}$(1)	$2.00x10^{-6}$ (12)	Decreased hair cystine	NA	100	NA
Zinc	$3x10^{-1}$	NA	Blood	NA	3	NA

Table 2-7

Toxicity Criteria for Systemic Toxicants

TAC of Concern	USEPA Chronic Oral RfD[1,2] (mg/kg-day)[3]	Cal/EPA Chronic Inhalation RfD[4] (mg/kg-day)	Target Organ		Uncertainty Factor	
			Oral	Inhalation	Oral	Inhalation (Cal/EPA RfD)
PM Inorganics						
Ammonium Ion	NA	5.71×10^{-2}	NA	Respiratory System	NA	10
Bromine	NA	NA	NA	NA	NA	NA
Chlorine	1×10^{-1}	5.71×10^{-5}	None reported	Respiratory System	100	30
Sulfates	NA	NA	NA	NA	NA	NA

1 Values obtained from the USEPA Integrated Risk Information System (IRIS), 2008.
2 RfD = Reference Dose
3 mg/kg/day = milligram per kilogram per day
4 Calculated from RELs (REL = Reference Exposure Level) obtained from OEHHA Online Toxicity Criteria database, 2009. RELs are concentrations in air that would not result in toxic effects even if exposure continued for a lifetime. RELs can be converted to inhalation RfDs by multiplying by inhalation rate (20 m^3/d) and dividing by body weight (70 kg).
5 Values obtained from the USEPA Region 9 PRG Table, 2008.
6 VOC = volatile organic compounds
7 NA = Not available or not applicable.
8 SGPT = Serum glutamate pyruvate transaminase
9 SAP = Serum alkaline phosphatase
10 CNS = Central Nervous System
11 Values obtained from the CalEPA OEHHA, Air Toxics Hot Spots, Risk Assessment Guidelines, Technical Support Document for the Derivation of Noncancer Reference Exposure Levels, June 2008, Appendix B.
12 USEPA Regional Screening Level (RSL) table, September 2009.

Source: CDM, 2009.

Acute RELs developed by the State of California were used in characterization of potential hazards associated with short-term exposure (usually from exposures on the order of 1-hour). RELs are based on the most sensitive, relevant, adverse health effect reported in the medical and toxicological literature. Since margins of safety are incorporated to address data gaps and uncertainties, exceeding the REL does not automatically indicate an adverse health impact. Acute RELs are applicable to all receptors, children and adults, and hazards are simply the ratio of estimated or measured concentrations and the REL. The acute RELs for the TACs of concern are provided in **Table 2-8**.

Table 2-8

Acute RELs for TACs of Concern

TAC	Acute REL[1] (µg/m^3)
Acetaldehyde	470[2]
Acrolein	2.5[2]
Benzene	1,300
Formaldehyde	55[2]
Hydrogen chloride	2,100
Propylene oxide	3,100
Toluene	37,000
Xylenes Total	22,000
Styrene	21,000
Methyl alcohol	28,000
Methyl ethyl ketone	13,000
Phenol	5,800
Isopropyl alcohol	3,200
Ammonia	3,200
Arsenic	0.20[2]
Chlorine	210
Copper	100
Mercury	0.6[2]
Nickel	6
Sulfates	120
Vanadium pentoxide	30

[1] Values obtained from OEHHA Online Toxicity Criteria database, 2008 unless otherwise indicated.

[2] Values obtained from CalEPA OEHHA, Air Toxics Hot Spots, Risk Assessment Guidelines, Technical Support Document for the Derivation of Noncancer Reference Exposure Levels, Appendix D, December 2008.

Source: CDM, 2009.

2.4.4 Risk Characterization

2.4.4.1 Methodology for Evaluating Cancer Risks and Non-Cancer Health Hazards

Cancer risks were estimated by multiplying exposure estimates for carcinogenic chemicals by corresponding cancer slope factors. The result is a risk estimate expressed as the odds of developing cancer. Commonly, risks (or odds) of developing cancer of one to ten in one million (1×10^{-6} to 10×10^{-6}) or less are considered de minimis.[48] Higher risks may be deemed significant in some instances. Cancer risks were based on an exposure duration of 70 years.

Non-cancer hazard estimates were calculated by dividing exposure estimates by reference doses. Reference doses are estimates of highest exposure levels that would not cause adverse health effects even if exposures continue over a lifetime. The ratio of exposure to reference dose is termed the hazard quotient (HQ). A HQ greater than one indicates an exposure greater than that considered safe. Risks or odds of adverse effects cannot be estimated using reference doses. However, because reference doses are developed in a conservative fashion, HQs only slightly higher than one are generally accepted as

[48] Clay, Don R., U.S. Environmental Protection Agency, Memorandum to OSWER, Subject: Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions, April 22, 1991.

being associated with low risks (or even no risk) of adverse effects, and that potential for adverse effects increases as the HQ gets larger.

Impacts of exposure to multiple chemicals were accounted for by adding cancer risk estimates for exposure to all carcinogenic chemicals, and by adding estimated HQs for non-carcinogenic chemicals that affect the same target organ or tissue in the body. Addition of HQs for TACs that produce effects in similar organs and tissues results in a Hazard Index (HI) that reflects possible total hazards. Several TACs have effects on the respiratory system including acetaldehyde, acrolein, formaldehyde, xylenes, and diesel particulates. Non-cancer hazards calculated for the CUP-RP were calculated for the respiratory system which accounted for essentially all potential non-cancer hazards.

2.4.4.2 Maximally Exposed Individuals (MEI)

For the CUP-RP, approximately 451 grid points were analyzed along the airport fence-line and within the study area (see **Figure 2-1**, above). Concentrations of each TAC at these nodes were used in the cancer risk and chronic and acute non-cancer hazard estimates. These calculations were used to identify locations with maximum cancer risks and maximum non-cancer hazards. These locations represent MEI and were used in significance determinations.

MEI estimates were land use specific. Land use designations (commercial, residential, etc.) were used to identify receptor type at each grid node used in the air dispersion analysis. For off-airport locations, surrounding land use was used to identify appropriate receptors. For fence-line grid points, land use designations in the nearest off-airport areas were used to identify the receptor type. Risk and hazard calculations were based on receptors appropriate for the land use designations. For example, if a grid node was identified for commercial land use, exposure parameters appropriate for adult commercial workers were used to estimate exposures, risks and hazards at that grid point location.

Fence-line concentrations of TACs represent the highest or near-highest concentrations that could be considered "off-airport." Concentrations in areas where people actually work, live and attend school are predicted to be lower. Thus, potential impacts for residents, workers, and school children are likely to overestimate risks and hazards that may occur under current off-site conditions. The relatively short time of proposed construction activities for the CUP-RP (i.e., approximately 4 years) suggests that these conditions are not likely to change notably during the project and that this evaluation of construction impacts can be considered conservative estimates of off-airport risks and hazards for the duration of construction.

2.4.4.3 Methodology for Evaluating Acute Impacts

Acute non-cancer risk estimates were calculated by dividing estimated maximum 1-hour TAC concentrations in air by acute RELs. An acute REL is a concentration in air below which adverse effects are unlikely for people, including sensitive subgroups, exposed for one hour on an intermittent basis. In most cases, RELs were estimated on the basis of a 1-hour exposure duration. USEPA defines intermittent exposure as that lasting less than 24 hours and occurring no more than monthly.[49] RELs are based on the most sensitive, relevant, adverse health effect reported in the medical and toxicological literature. Since margins of safety are incorporated to address data gaps and uncertainties, exceeding the REL does not automatically indicate an adverse health impact.

CalEPA's OEHHA has developed acute RELs for several of the TACs of concern identified in emissions from the airport. Acrolein is a TAC of concern and is responsible for essentially all predicted chronic non-cancer health hazards associated with LAX operations.[50] Acrolein release is primarily due to aircraft emissions (i.e., operation emission estimates).

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49 U.S. Environmental Protection Agency, Draft Methods for Exposure-Response Analysis and Health Assessment for Acute Inhalation Exposure to Chemicals, 1994.

50 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

Other TACs of concern associated with LAX operations, for which acute RELs are available, are unlikely to be present in concentrations that would represent an acute health threat. Because the CUP-RP has both construction and operational sources, acute adverse health impacts for all TACs with RELs, not just acrolein, were evaluated so that potential impacts from construction emissions would also be assessed.

Short-term concentrations for TACs associated with implementation of the CUP-RP were estimated using the same air dispersion model (AERMOD) used to estimate annual average concentrations, but with the model option for 1-hour maximum concentrations selected. These concentrations represent the highest predicted concentrations of TACs. Acute hazards were then estimated at each grid point by comparison with acute RELs.

2.4.4.4 Evaluation of Health Effects for On-Airport Construction Workers

Potential impacts to construction workers were evaluated by comparing estimated acute 8-hour air concentrations of TACs during CUP-RP construction to 8-hour standards referred to as Time-Weighted Average Permissible Exposure Levels (PEL-TWAs), established by the California Occupational Safety and Health Administration (CalOSHA).[51] For pollutants with no PELs, Threshold Limit Values (TLVs) established by the American Conference of Governmental Industrial Hygienists (ACGIH)[52] were used.

To address potential acute impacts to construction workers from CUP-RP-specific operations, 1-hour concentrations in the CTA were used to represent reasonable estimates of 8-hour concentrations in the CUP-RP construction area.

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51 California Occupational Safety and Health Administration, Permissible Exposure Limits for Chemical Contaminants, Table AC-1, Available: http://www.dir.ca.gov/title8/5155table_ac1.html.

52 American Conference of Governmental Industrial Hygienists, Documentation of the Threshold Limit Values and Biological Exposure Indices, 8th ed., 1998.

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3. EMISSIONS INVENTORIES

3.1 Criteria Air Pollutants

3.1.1 Construction Emissions

3.1.1.1 Uncontrolled

Uncontrolled CUP-RP peak daily and annual construction emissions inventories are presented in **Table 3-1**. In this analysis, "uncontrolled" refers to the emissions that would occur without application of the fugitive dust controls required by SCAQMD Rules 403, 1156, 1157, Regulation XIII, and without installation of diesel particulate filters required under the CBA (see Section 2.3 above). Details of the construction emission input parameters and results are provided in Attachment 1. As shown in **Table 3-1**, the peak daily emissions of CO and SO_2 for the CUP-RP would not exceed the SCAQMD construction emission thresholds presented in **Table 1-4**. Peak daily uncontrolled emissions of VOC, NO_x, PM10, and PM2.5 associated with the CUP-RP would exceed the respective SCAQMD construction emissions thresholds. Therefore, uncontrolled CUP-RP construction emissions of VOC, NO_x, PM10, and PM2.5 would be significant.

Table 3-1

Uncontrolled Maximum Peak CUP-RP Daily and Annual Construction Emissions

Pollutant	Project Max	SCAQMD Significance Threshold	Emissions Exceed Threshold?			
Maximum Daily Emissions, Uncontrolled (lb/day)[1]						
Carbon monoxide, CO	442	550	No			
Volatile organic compounds, VOC	117	75	Yes			
Nitrogen oxides, NO_x	799	100	Yes			
Sulfur dioxide, SO_2	1	150	No			
Respirable particulate matter, PM10	231	150	Yes			
Fine particulate matter, PM2.5	77	55	Yes			
Total Emissions (tons)	**2009 Total**	**2010 Total**	**2011 Total**	**2012 Total**	**2013 Total**	**Project Total**
Carbon monoxide, CO	2.38	33.66	21.48	15.50	16.45	89.47
Volatile organic compounds, VOC	0.40	8.17	4.23	2.47	2.69	17.97
Nitrogen oxides, NO_x	2.13	53.65	26.17	12.13	13.58	107.66
Sulfur dioxide, SO_2	0.00	0.07	0.04	0.03	0.03	0.17
Respirable particulate matter, PM10	0.32	13.40	5.19	2.04	2.11	23.06
Fine particulate matter, PM2.5	0.14	4.70	2.00	0.69	0.68	8.21

[1] "Uncontrolled" indicates that no emission reductions have been assumed for measures required by regulation (e.g., SCAQMD Rule 403), or the LAX Master Plan Community Benefits Agreement (construction equipment diesel particulate filters). These reductions are incorporated into Table 3-2.

Source: CDM, 2009.

3.1.1.2 Controlled PM10 and PM2.5

Controlled construction emissions were calculated for PM10 and PM2.5 only, using the watering control efficiency of 61 percent for fugitive dust, as noted in **Table 1-6**, and using the control efficiencies for construction equipment diesel particulate filters described in Section 2.3. Controlled CUP-RP peak daily and annual construction emissions inventories for PM10 and PM2.5 are presented in **Table 3-2**. Details

of the construction emission input parameters and results are provided in Attachment 1. As shown in **Table 3-2**, the peak daily controlled emissions of PM10 and PM2.5 would not exceed the SCAQMD construction emission thresholds presented in **Table 1-4**, and would therefore not be significant.

Table 3-2

Controlled Maximum Peak CUP-RP Project Daily and Annual Construction Emissions of PM10 and PM2.5

Pollutant	Project Max	SCAQMD Significance Threshold	Emissions Exceed Threshold?			
Maximum Daily Emissions, Controlled (lb/day)[1]						
Respirable particulate matter, PM10	120	150	No			
Fine particulate matter, PM2.5	52	55	No			
Total Emissions (tons)	**2009 Total**	**2010 Total**	**2011 Total**	**2012 Total**	**2013 Total**	**Project Total**
Respirable particulate matter, PM10	0.30	7.56	4.79	1.91	2.43	17.00
Fine particulate matter, PM2.5	0.13	2.99	2.51	0.78	0.92	7.32

[1] "Controlled" includes emission reduction measures required by regulation (e.g., SCAQMD Rule 403), or the LAX Master Plan Community Benefits Agreement (construction equipment diesel particulate filters). These reductions are part of the project design.

Source: CDM, 2009.

The emissions presented in **Table 3-2** are based on the assumption that controls currently required by SCAQMD Rule 403, 1156 and 1157 would reduce fugitive dust (PM10 and PM2.5) emissions by approximately 61 percent from uncontrolled levels, and that diesel particulate filters would be used on some portion of the construction equipment as noted in Section 2.3. The combination of SCAQMD rule requirements and compliance with CBA Section X.F.1 decreases the construction peak daily emissions of PM10 and PM2.5 by 48 percent and 32 percent, and total project emissions by 26 percent and 11 percent, respectively. The calculated emission reductions of PM10 and PM2.5 with controls are less than presented in **Table 2-3** due to the varying applicability of diesel particulate filters to each piece of construction equipment.

3.1.2 Operational Emissions

Based on the currently proposed construction schedule, it is anticipated that the CUP-RP would be completed by 2013. Changes in emissions from the operation of the new CUP facility are due to replacement of the two existing cogeneration turbines and waste heat boilers, two existing utility boilers and the existing cooling tower with two new cogeneration turbines, two HRSGs and duct burners, one new stand-by auxiliary boiler, and a new cooling tower.

Table 3-3 compares the difference in peak daily emissions between the existing CUP and the new CUP in 2013 (after completion of the CUP-RP) to the SCAQMD thresholds of significance for operational impacts presented in **Table 1-4**. Peak daily emissions of CO, VOC, NO_x, PM10, and PM2.5 would decrease after the CUP-RP is completed, relative to the existing CUP emissions, and SO_2 emissions would be unchanged. Therefore, the changes in criteria pollutant emissions from the CUP-RP would be less than significant.

Table 3-3

CUP-RP Peak Daily Operational Emissions

Pollutant	Existing CUP	New CUP	Incremental Impact	SCAQMD Significance Threshold	Exceed Threshold?
Maximum Daily Emissions, lbs/day					
Carbon monoxide, CO	379	67	-312	550	No
Volatile organic compounds, VOC	12	9	-3	55	No
Nitrogen oxides, NO_x	313	31	-282	55	No
Sulfur dioxide, SO_2	2	2	0	150	No
Respirable particulate matter, PM10	37	24	-13	150	No
Fine particulate matter, PM2.5	37	24	-13	55	No

Source: CDM, 2009.

3.1.3 Cumulative Projects

The construction of several on-going and anticipated future projects at LAX would potentially occur simultaneously with the CUP-RP construction. Projects that were considered in the cumulative air quality analysis were taken from the Draft EIR for the Bradley West Project[53], and include: (1) Crossfield Taxiway Project (CFTP), (2) Airfield Operating Area (AOA) Perimeter Fence Enhancements -- Phase III[54], (3) Security Program - In-Line Baggage Screening Systems (T6) (4) TBIT Interior Improvements Program, (5) Airfield Intersection Improvements -- Phase 2, (6) Airport Operations Center (AOC)/Emergency Operation Center (EOC), (7) K-9 Training Facility[54], (8) Bradley West Project, (9) Passenger Boarding Bridge Replacement[54], (10) Bus Wash Rack Facility[54], (11) CTA Elevators and Escalators Replacement, (12) CTA Seismic Retrofits[54], (13) Sewer Line Replacement[54], (14) CTA Joint Repair, Roadway Improvements, and Security Barriers[54], (15) Korean Air Cargo Terminal Improvement Project, (16), West Aircraft Maintenance/Aircraft Parking Area, (17) Westchester Golf Course 3-Hole Restoration Project, (18) Westchester Rainwater (Stormwater) Improvement Project, and (19) Metro Bus Maintenance and Operations Facility.

Several additional planned projects (the Terminal Electric Service Capacity Expansion, Terminals 1, 3, and 6 Upgrades and Renovation, Concessions Upgrades Program, and the CTA Americans with Disabilities Act (ADA) Improvements) were considered in this analysis only in terms of construction worker trips generated because they represent mostly interior work that would not result in ambient air quality impacts from construction equipment.

Construction emissions for the CFTP and Bradley West Project were obtained from the Final EIR and Draft EIR prepared for those projects. [55,56] Emissions for the remaining projects were developed by CDM in consultation with LAWA or obtained from environmental documents prepared for the individual projects, as noted in **Table 3-4**. Emissions for the West Aircraft Maintenance/Aircraft Parking Area and K-9 Training Facility were estimated using a calculation of emissions based on project cost and emissions-to-cost ratios for projects with previously estimated emissions and known approximate costs. Calculations

53 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for the Bradley West Project, May 2009.

54 Implementation of all or part of this project is currently on hold, pending further evaluation of available funds within LAWA's annual budget for Capital Improvement Program (CIP) projects. Given the relatively small size and nature of the project and the limited likelihood that it could be implemented sometime in the future, it was kept in the cumulative projects list.

55 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for the Bradley West Project, May 2009.

56 City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for the Crossfield Taxiway Project, January 2009.

for all cumulative projects can be found in Appendix E of the Bradley West Draft EIR. The cumulative impacts from the projects occurring during the peak year of CUP-RP construction are summarized in **Table 3-4** and the cumulative impacts from all projects which overlap with the CUP-RP construction are summarized in **Table 3-5**. From a cumulative standpoint, CO, NO_x, VOC, PM10 and PM2.5 emissions would be significant due to the combined emissions from all construction projects at LAX.

Table 3-4

Cumulative Construction Projects Peak Daily Emissions Estimates

	Peak Daily Emissions, lbs/day					
Projects Occurring During Peak Year of CUP-RP Construction (2010)[1]	**CO**	**VOC**	**NO_x**	**SO_x**	**PM10**	**PM2.5**
Crossfield Taxiway Project[2]	502	278	939	1	126	47
AOA Perimeter Fence Enhancements - Phase III[4]	2	1	4	0	1	0
Security Program - In-Line Baggage Screening Systems (T6)[9]	14	2	12	-	0	0[8]
TBIT Interior Improvements Program[10]	55	38	14	-	1	1[8]
Airfield Intersection Improvements -- Phase 2[3]	41	22	71	0	15	7
Airport Operations Center (AOC)/Emergency Operation Center (EOC)[4]	9	8	15	0	7	2
Bradley West Project[7]	1,216	362	1,987	3	559	172
Passenger Boarding Bridge Replacement (T1, T3, T6, Remotes)[4]	12	25	25	0	0	0
Bus Wash Rack Facility[4]	6	1	10	0	1	1
CTA Elevators and Escalators Replacement[4]	7	0	0	0	0	0
Sewer Line Replacement (T1, T6)[4]	5	1	10	0	1	1
CTA Joint Repair, Roadway Improvements, and Security Barriers[4]	14	4	25	0	2	2
Korean Air Terminal Improvement Project[4]	25	25	13	0	5	2
Westchester Golf Course 3-Hole Restoration Project[11]	13	2	8	0	26	6
Westchester Rainwater (Stormwater) Improvement Project[4]	27	6	58	0	20	6
Worker Vehicle Trips[5]	29	3	3	0	3	1
Total from Other Construction Projects, lbs/day[6,12]	**1,977**	**778**	**3,194**	**4**	**767**	**273**
CUP-RP Peak Daily Emissions, lbs/day	442	117	799	1	120	52
Total Cumulative Construction Project Emissions, lbs/day[6,12]	**2,419**	**895**	**3,993**	**5**	**887**	**325**
SCAQMD Construction Emission Significance Thresholds, lbs/day	550	75	100	150	150	55
Emissions Significant?	**Yes**	**Yes**	**Yes**	**No**	**Yes**	**Yes**

1 Fifteen of the nineteen cumulative projects have construction that is expected to occur during 2010. Although some of the projects are currently on-hold, as noted in the first paragraph in Section 3.1.3, they are still included in the cumulative impacts analysis to provide a conservative (worst-case) scenario.
2 City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), January 2009.
3 City of Los Angeles, Los Angeles World Airports, Airfield Intersections Improvement Project Equipment Inventory - Peak Day Jan 2009-Jan 2010, May 22, 2008.
4 Equipment estimates developed by CDM in consultation with LAWA.
5 Includes worker trips for projects that have no other construction equipment.
6 Numbers may not total exactly due to rounding.
7 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, May 2009.
8 Pollutant calculated by CDM, not calculated in reference document.
9 City of Los Angeles, Los Angeles World Airports, Final Mitigated Negative Declaration: Security Program - In-Line Baggage Screening System, Terminals 1 - 8, March 2006.
10 City of Los Angeles, Los Angeles World Airports, Final Mitigated Negative Declaration for Tom Bradley International Terminal Improvements, November 2004.
11 City of Los Angeles, Los Angeles World Airports and U.S. Department of Transportation, Federal Aviation Administration, Draft Environmental Assessment for Proposed Westchester Golf Course Three-Hole Expansion Project, May 2009.
12 Sum of peak daily emissions for each individual project; these peaks may not necessarily overlap with the peak daily emissions from the CUP-RP or from the other cumulative projects.

Source: CDM, 2009.

The fifteen construction projects included in **Table 3-4** represent the most relevant planned development projects occurring during the peak year (2010) of CUP-RP construction, for which detailed information regarding construction plans, such as the nature and timing of construction activities and the associated construction equipment, was available. The nineteen construction projects shown in **Table 3-5** represent the most relevant planned development projects occurring during the duration of the CUP-RP construction.

Table 3-5

Cumulative Construction Projects Total Emissions Estimates

	Total Project Emissions,[6] tons					
Construction Project	**CO**	**VOC**	**NO_x**	**SO_x**	**PM10**	**PM2.5**
Crossfield Taxiway Project[1]	45.93	11.73	82.56	0.10	8.60	3.96
AOA Perimeter Fence Enhancements - Phase III[4]	0.03	0.01	0.04	0.00	0.01	0.00
Security Program - In-Line Baggage Screening Systems (T6)[2]	0.38	0.05	0.35	-	0.01	0.01
TBIT Interior Improvements Program[9]	4.29	2.96	1.09	-	0.08	0.07
Airfield Intersection Improvements -- Phase 2[3]	8.82	4.75	15.24	0.02	3.21	1.40
Airport Operations Center (AOC)/Emergency Operation Center (EOC)[4]	0.86	0.30	1.48	0.00	0.18	0.11
K-9 Training Facility[4]	0.32	0.08	0.45	0.00	0.05	0.03
Bradley West Project[5]	510.25	92.42	649.34	1.09	128.44	47.40
Passenger Boarding Bridge Replacement (T1, T3, T6, Remotes)[4]	0.15	0.04	0.32	0.00	0.02	0.01
Bus Wash Rack Facility[4]	1.03	0.22	1.70	0.00	0.11	0.10
CTA Elevators and Escalators Replacement[4]	3.74	0.48	1.80	0.01	0.48	0.15
CTA Seismic Retrofits[4]	3.73	0.88	5.28	0.01	0.43	0.30
Sewer Line Replacement (T1, T6)[4]	0.11	0.03	0.23	0.00	0.03	0.02
CTA Joint Repair, Roadway Improvements, and Security Barriers[4]	3.11	0.86	4.91	0.01	0.42	0.36
Korean Air Cargo Terminal Improvement Project[4]	1.36	0.57	1.79	0.00	0.16	0.11
West Aircraft Maintenance/Aircraft Parking Area[4]	6.90	3.39	8.65	0.01	2.57	0.92
Westchester Golf Course 3-Hole Restoration Project[10]	2.04	0.47	2.75	0.00	2.38	0.58
Westchester Rainwater (Stormwater) Improvement Project[4]	1.89	0.40	4.05	0.00	3.27	0.82
Metro Bus Maintenance and Operation Facility[4]	11.99	1.28	6.45	0.01	1.65	0.64
Worker Vehicle Trips[8]	4.52	0.50	0.50	0.01	0.49	0.11
Total from Other Construction Projects, tons[7]	**611.45**	**121.42**	**788.98**	**1.27**	**152.59**	**57.10**
Total CUP-RP, tons	89.47	17.97	107.66	0.17	17.00	7.32
Total Cumulative Construction Project Emissions, tons[7]	**700.92**	**139.39**	**896.64**	**1.44**	**169.59**	**64.42**

1 City of Los Angeles, Los Angeles World Airports, Final Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport, January 2009.
2 City of Los Angeles, Los Angeles World Airports, Final Mitigated Negative Declaration: Security Program - In-Line Baggage Screening System, Terminals 1 - 8, March 2006.
3 City of Los Angeles, Los Angeles World Airports, Airfield Intersections Improvement Project Equipment Inventory - Peak Day Jan 2009-Jan 2010, May 22, 2008.
4 Equipment estimates developed by CDM in consultation with LAWA.
5 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, May 2009.
6 Emissions presented in this table derived from the Bradley West Project Draft EIR.
7 Numbers may not total due to rounding.
8 Includes worker trips for projects that have no other construction equipment.
9 City of Los Angeles, Los Angeles World Airports, Final Mitigated Negative Declaration for Tom Bradley International Terminal Improvements, November 2004.
10 City of Los Angeles, Los Angeles World Airports and U.S. Department of Transportation, Federal Aviation Administration, Draft Environmental Assessment for Proposed Westchester Golf Course Three-Hole Expansion Project, May 2009.

Source: CDM, 2009.

The cumulative impacts to air quality resulting from projects at LAX with operational emissions, such as from the Airport Operations Center (AOC)/Emergency Operation Center (EOC), have been accounted for

as part of the overall long-term improvement of LAX addressed in the LAX Master Plan Final EIR. Other projects identified above, such as the Airfield Intersection Improvements -- Phase 2, the AOA Perimeter Fence Enhancement -- Phase III, and the Westchester Rainwater (Stormwater) Improvement Project, would not have any notable air pollutant emissions associated with operations.

3.1.4 Direct Burial Alternative

The existing direct-buried chilled water and high pressure hot water service lines in the CTA loop roadway would be removed and replaced in the CUP-RP. New chilled water and hot water service lines would be routed into a new utility tunnel and distributed to the terminals. Emissions from the construction of this utility tunnel are included in **Table 3-1** and **Table 3-2**. An EIR alternative to the utility tunnel is to directly bury the water lines. Emissions from the CUP-RP with direct burial of the water lines rather than construction of the utility tunnel are shown below in **Table 3-6A**.

Table 3-6A

Direct Burial Alternative:
Maximum Mitigated Peak CUP-RP Daily and Annual Construction Emissions

Pollutant	Project Max	SCAQMD Significance Threshold	Emissions Exceed Threshold?			
Maximum Daily Emissions, Controlled (lb/day)[1]						
Carbon monoxide, CO	208	550	No			
Volatile organic compounds, VOC	55	75	No			
Nitrogen oxides, NO_x	363	100	Yes			
Sulfur dioxide, SO_2	0	150	No			
Respirable particulate matter, PM10	47	150	No			
Fine particulate matter, PM2.5	22	55	No			
Total Emissions (tons)	**2009 Total**	**2010 Total**	**2011 Total**	**2012 Total**	**2013 Total**	**Project Total**
Carbon monoxide, CO	1.51	15.14	16.41	10.95	12.62	56.62
Volatile organic compounds, VOC	0.30	3.64	3.66	2.03	2.36	11.99
Nitrogen oxides, NO_x	1.83	23.03	24.35	11.49	13.53	74.23
Sulfur dioxide, SO_2	0.00	0.03	0.03	0.02	0.03	0.11
Respirable particulate matter, PM10	0.20	2.49	4.27	1.36	1.95	10.26
Fine particulate matter, PM2.5	0.10	1.31	2.43	0.66	0.84	5.34

[1] "Controlled" includes emission reduction measures required by regulation (e.g., SCAQMD Rule 403), or the LAX Master Plan Community Benefits Agreement (construction equipment diesel particulate filters). These reductions are part of the project design.

Source: CDM, 2009.

The direct burial alternative would exceed the SCAQMD significance threshold for NO_x. All other criteria pollutants do not exceed their respective thresholds. The maximum peak daily emissions for the direct burial alternative are on average 56% lower than the CUP-RP, and total project emissions are on average 34% lower than the CUP-RP. **Table 3-6B** shows how the emission rates for the direct burial alternative decrease compared to the emission rates modeled for the CUP-RP criteria pollutant impact assessment and health risk assessment, the results of which are described in Section 4 and Section 5, respectively.

Table 3-6B

Comparison of Emission Rates from CUP-RP and EIR Alternative

Pollutants Associated with Health Risk	Off-road Diesel	On-road Diesel	Construction Dust	Road Dust
Chronic PM10	-34%	-23%	-99%	-23%
Acute PM10	-63%	-23%	-71%	-23%
Chronic VOC	-30%	-22%	NA	NA
Acute VOC	-62%	-22%	NA	NA
Criteria Pollutants				
All pollutant average	-62%	-23%	-81%[1]	-23%[2]

[1] Negative values indicate that the direct burial alternative would generate less emissions than the proposed CUP-RP.
[2] PM10 and PM2.5 only

Source: CDM, 2009.

3.2 Toxic Air Contaminants

3.2.1 Construction Emissions

The TACs inventory for CUP-RP construction is presented in **Table 3-7** in peak pounds per hour and pounds per year. The pounds per year values represent the annualized total construction period emissions. These emissions are used to assess the project construction impacts on acute, chronic, and cancer health risk. The health risk assessment in Section 5 presents the findings of that analysis.

Table 3-7

CUP-RP Construction TAC Inventory

Pollutant	TAC, lbs/hr	TAC, lbs/year
Acetaldehyde	0.004	0.155
Acrolein	-	-
Benzene	0.001	0.042
Butadiene, 1,3-	0.000	0.004
Ethylbenzene	0.000	0.006
Ethylene glycol	0.000	0.001
Formaldehyde	0.008	0.310
Hexane, n-	0.001	0.016
Isopropyl alcohol	0.000	0.001
Methyl alcohol	0.000	0.001
Methyl ethyl ketone	0.001	0.032
Methyl t-butyl ether	-	-
Naphthalene	0.000	0.002
Phenol	-	-
Propylene	0.001	0.055
Styrene	0.000	0.001
Toluene	0.004	0.070
Xylene, m-	0.000	0.013

Table 3-7

CUP-RP Construction TAC Inventory

Pollutant	TAC, lbs/hr	TAC, lbs/year
Xylene, o-	0.000	0.007
Xylene, p-	0.000	0.002
Ammonium ion	0.019	0.751
Antimony	0.000	0.013
Arsenic	0.000	0.007
Bromine	0.000	0.013
Cadmium	0.000	0.019
Chlorine	0.033	1.193
Chromium VI	0.002	0.072
Copper	0.001	0.042
Lead	0.005	0.194
Manganese	0.009	0.312
Mercury	0.000	0.012
Nickel	0.001	0.024
Selenium	0.000	0.003
Silicon	1.799	64.853
Sulfates	0.136	5.225
Vanadium	0.003	0.093
Zinc	0.007	0.267
Diesel PM	5.335	2,106

Source: CDM, 2009.

3.2.2 Operational Emissions

The TACs inventory for CUP-RP operations is presented in **Table 3-8** in peak pounds per year. The incremental changes in emissions are used to assess the project operational impacts on acute, chronic, and cancer health risk. The health risk assessment in Section 5 presents the findings of that analysis.

Table 3-8

CUP-RP Operational TAC Inventory

Pollutant	Existing CUP lbs/year	New CUP lbs/year	CUP-RP Incremental lbs/year
Ammonia	2,536.2	5,973.5	3,437.3
Benzene	9.2	7.5	-1.6
Butadiene, 1,3-	0.3	0.2	-0.1
Formaldehyde	520.4	307.0	-213.5
Polycyclic Aromatic Hydrocarbon (PAHs)	1.6	1.1	-0.5
Acetaldehyde	29.5	18.3	-11.2
Acrolein	4.9	3.9	-1.0
Ethylbenzene	23.9	16.5	-7.4
Hexane (n-)	0.3	2.0	1.6
Propylene oxide	21.2	12.3	-8.9
Toluene	97.4	66.7	-30.7
Xylenes (isomers and mixtures)	48.3	35.6	-12.8

Source: CDM, 2009.

3.3 Greenhouse Gases

3.3.1 Construction Emissions

The CUP-RP construction source CO_2 emissions, by calendar year, are presented in **Table 3-9**. Over the duration of the project, the on-site construction equipment would generate 54 percent, daily worker trips to the site would generate 31 percent, and deliveries of construction materials would generate 12 percent of the project construction CO_2 emissions. Trucks that transfer materials from the staging area to the CUP-RP site and worker trips would generate 3 percent of the project construction CO_2 emissions.

Table 3-9

Construction Greenhouse Gas Inventory

Pollutant	2009	2010	2011	2012	2013	Project Total
Annual emissions, metric tons						
Off-road, On-site Equipment	94	4,406	1,803	753	1,130	8,185
On-road, On-site Trucks	20	118	123	118	108	487
On-road, Off-site Deliveries	67	449	493	403	380	1,793
On-road, Off-site Workers	192	1,149	1,177	1,149	1,054	4,721
Total[1]	372	6,122	3,596	2,424	2,671	15,186

[1] Numbers may not add to exact totals due to rounding.

Source: CDM, 2009.

Given that under existing conditions, there are no construction activities within the project area, implementation of the CUP-RP would result in the generation of between approximately 372 and 6,122 metric tons of new construction-related CO_2 per year and a total of approximately 15,186 metric tons of CO_2 over the total course of project construction.

3.3.2 Operational Emissions

LAX CUP Operations GHG Inventory Methodology

For the purpose of the impacts analysis, the greenhouse gas emissions associated with operation of the proposed replacement CUP facility were compared to those of the existing CUP facility, based on the annual potential of each facility to emit carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). Under existing conditions and with-project conditions, each primary piece of equipment was assumed to operate continuously. While the actual operational characteristics of the existing facility are known, based on historical records, the actual operational characteristics of the replacement facility would not be known until several months or years after commissioning. Estimating the greenhouse gas emissions for each scenario (existing conditions and with-project conditions) based on an annual potential to emit provides a common basis of comparison.

Table 3-10 shows the CO_2 emissions estimate associated with the existing CUP and the proposed new CUP to be completed in 2013. After completion of the CUP-RP, total greenhouse gas emissions would be reduced by over 6 percent relative to existing emissions.

Table 3-10

CUP-RP Operations Greenhouse Gas Inventory

Pollutant	Existing CUP	New CUP	CUP-RP Operational
Annual emissions, metric tons			
Carbon dioxide, CO_2	72,040	67,597	-4,443
Methane, CH_4	1.22	1.15	-0.08
Nitrous oxides, NO_2	0.14	0.13	-0.01
Carbon dioxide equivalent, CO_2e	72,108	67,660	-4,447

Source: CDM, 2009.

4. DISPERSION MODELING RESULTS

The emissions of criteria air pollutants and TACs from CUP-RP construction and operations were modeled with AERMOD, as described in Section 2.2 to determine the ground level concentrations of these pollutants from the CUP-RP. The results of the criteria pollutant analyses were compared to the appropriate CAAQS, NAAQS, or SCAQMD significance threshold. The results of the TACs analyses were used to estimate the health risks discussed in Section 5.

4.1 Criteria Air Pollutants

4.1.1 Construction Impact Analysis

Air dispersion modeling was used to predict pollutant concentrations in the vicinity of the airport from construction emissions in the peak year of CUP-RP construction (2010). Pollutant concentrations were calculated for pollutants which exceeded the SCAQMD thresholds for peak daily construction emissions.[57] Therefore maximum pollutant concentrations were determined for NO_x, PM10, and PM2.5 using AERMOD.

4.1.1.1 Uncontrolled

Table 4-1 compares the maximum predicted concentrations during the peak construction period including background concentrations with the NAAQS and CAAQS for NO_2. Maximum predicted 24-hour concentrations for PM10 and PM2.5 are compared with the respective SCAQMD thresholds in **Table 1-5**. Uncontrolled annual and 24-hour PM10 would exceed the respective annual and 24-hour SCAQMD concentration thresholds. The concentration of uncontrolled PM10 would therefore be significant. Uncontrolled concentrations of PM2.5 and NO_2 would not exceed SCAQMD concentration thresholds.

Table 4-1

Uncontrolled Air Pollutant Concentrations for Peak Year of CUP-RP Construction (2010)

Pollutant Concentration	Averaging Period	CAAQS/NAAQS	Project and Background	Exceed AAQS?
NO_2 (µg/m^3)	Annual	57/100	41	No
	1-hr	339/NA	329	No
		SCAQMD Significance Threshold	**Project**	**Exceed Threshold?**
PM10 (µg/m^3)	Annual	1.0	3.3	Yes
PM10 (µg/m^3)	24-hr	10.4	31.7	Yes
PM2.5 (µg/m^3)	24-hr	10.4	9.3	No

Sources: CDM, 2009.

The peak impact location for all modeled pollutants is the CTA receptor located adjacent to the CUP-RP construction site. This receptor is in the publicly accessible area within airport property. No other modeled PM10 concentrations exceed the SCAQMD threshold of 1.0 or 10.4 µg/m^3 at any other receptor, including any of the fenceline receptors. Therefore, the only exceedance of a threshold for any criteria pollutant would occur within airport property (at the CTA receptor). No exceedances of any thresholds would occur at or beyond the airport fenceline.

[57] VOCs are not run through dispersion models for criteria air pollutant impact analysis as there is no NAAQS or CAAQS for VOC.

4.1.1.2 Controlled PM10 and PM2.5

The maximum predicted concentrations of controlled PM10 and PM2.5 are compared in **Table 4-2** to the SCAQMD thresholds presented in **Table 1-5**. The PM2.5 24-hour concentration would not exceed the SCAQMD threshold. The PM10 24-hour and annual peak concentration would exceed the SCAQMD thresholds. Due to these exceedances, the CUP-RP controlled PM10 construction-related impact would be significant.

Table 4-2

Controlled PM10 and PM2.5 Concentrations for Peak Year of CUP-RP Construction (2010)

Pollutant Concentration	Averaging Period	SCAQMD Significance Threshold	Project	Exceed Threshold?
PM10 (µg/m^3)	Annual	1.0[1]	1.7	Yes
	24-hr	10.4[1]	15.2	Yes
PM2.5 (µg/m^3)	24-hr	10.4[1]	5.7	No

[1] SCAQMD Air Quality Significance Threshold.

Sources: CDM, 2009.

The peak PM10 annual and 24-hour concentration occurs at the CTA receptor in the center of the airport's existing gates and passenger parking area. No other receptors, including fenceline receptors and all of the community sites, had modeled concentrations that exceeded the SCAQMD thresholds of 1.0 or 10.4 µg/m^3. Therefore, the only exceedance of a SCAQMD threshold for any criteria pollutant would occur within airport property (at the CTA receptor). As noted in the uncontrolled analysis above, no exceedances of the SCAQMD thresholds would occur at or beyond the airport fenceline.

4.1.1.3 Direct Burial Alternative

The direct burial alternative, discussed in Section 3.1.4, exceeds the SCAQMD significance threshold for emissions of NO_x. Dispersion modeling was performed to determine the impact of NO_x emissions at each receptor location. **Table 4-2B** shows that for the direct burial alternative, during the peak year of construction, NO_2 concentrations would not result in a significant impact.

Table 4-2B

Air Pollutant Concentrations for Peak Year of Direct Burial Alternative Construction

Pollutant Concentration	Averaging Period	CAAQS/NAAQS	Project and Background	Exceed AAQS?
NO_2 (µg/m^3)	Annual	57/100	33	No
	1-hr	339/NA	239	No
		SCAQMD Significance Threshold	**Project**	**Exceed Threshold?**
PM10 (µg/m^3)	Annual	1.0	0.5	No
PM10 (µg/m^3)	24-hr	10.4	5.3	No

Sources: CDM, 2009.

Emissions of CO, SO_2, PM10, and PM2.5 associated with the direct burial alternative would not exceed the SCAQMD significance thresholds for construction as discussed in Section 3.1.4. For this reason, CO, SO_2, and PM2.5 were not modeled for the direct burial alternative. However, in order to provide a comparison to the proposed project, which would have a significant impact associated with concentrations of PM10, PM10 concentrations associated with the direct burial alternative were modeled. The modeling shows that the direct burial alternative would not exceed the SCAQMD significance thresholds. Therefore, the direct burial alternative would have no significant concentration impacts for any criteria pollutant.

4.1.2 Operational Impact Analysis

Table 4-3 presents the 2009 existing CUP and 2013 CUP-RP operational impacts on ambient air concentrations at the CTA receptor from the CUP boilers, electricity generating units, HRSG and duct burners and cooling towers. The CO and NO_2 impacts would decrease with the CUP-RP operations. SO_2, PM10, and PM2.5 would slightly increase with CUP-RP operations. The incremental gaseous pollutant impacts from the CUP-RP operations were added to the background concentrations, and the results compared to the most stringent of the CAAQS or NAAQS for each averaging period. The incremental PM10 and PM2.5 impacts are compared directly with the SCAQMD operational significance thresholds for these two pollutants. The results of this comparison indicate that none of the criteria pollutants exceed the respective significance threshold, even at the CTA receptor located immediately downwind of the new CUP building.

To complete the impact analysis for operations, incremental criteria pollutant concentrations at each of the 451 receptors around the airport from the CUP-RP operations were determined. This analysis was conducted by subtracting the existing CUP source concentrations from the new CUP source concentrations by receptor. The results of this analysis are summarized in **Table 4-4**. Because of the additional distance from the CUP-RP sources to these receptors, benefits of the NO_2 and CO reductions are not as substantial. However, resulting ambient concentrations at all receptors for all pollutants would not exceed the significance criteria. Therefore, operational impacts on criteria pollutant concentrations from the CUP-RP would not be significant.

Table 4-3

Air Pollutant Concentrations for CUP-RP Operations at the CTA Receptor

Pollutant (Concentration units)	Averaging Period	Existing CUP Contribution in 2009	New CUP Contribution in 2013	CUP-RP Incremental Impact[1]	CUP-RP Conc. + Background	Comparison Criteria[2]	Exceeds Threshold?
CO (µg/m^3)	1-hr	26	6	-20	3,416	23,000	No
	8-hr	22	5	-16	2,881	10,000	No
NO_2 (µg/m^3)	1-hr	22	3	-19	167	339	No
	Annual	4	1	-3	25	57	No
SO_2 (µg/m^3)	1-hr	0.1	0.2	0.1	52	655	No
	3-hr	0.2	0.2	0.0	52	1,300	No
	24-hr	0.1	1.1	1.0	27	105	No
	Annual	0.0	0.1	0.1	8	80	No
PM10 (µg/m^3)	24-hr	1.4	1.4	0.0	0.0 [3]	2.5	No
	Annual	0.5	0.7	0.2	0.2[3]	1.0	No
PM2.5 (µg/m^3)	24-hr	1.4	1.4	0.0	0.0[3]	2.5	No

1 The CUP-RP impact is the change from the existing CUP concentrations. This increment is calculated by subtracting the existing CUP concentrations from the new CUP concentrations. Negative values indicate a beneficial impact on air quality.

2 The comparison criteria are the most stringent of CAAQS or NAAQS for CO, NO_2, and SO_2; and are the SCAQMD Air Quality Operational Significance Thresholds for PM10 and PM2.5.

3 The PM10 and PM2.5 CUP-RP incremental concentrations are compared to the SCAQMD thresholds without adding in background.

Sources: CDM, 2009.

Table 4-4

Maximum Air Pollutant Incremental Concentrations for CUP-RP Operations - All Receptors

Pollutant (Concentration units)	Averaging Period	CUP-RP Incremental Impact[1]	CUP-RP Conc. + Background	Comparison Criteria[2]	Exceeds Threshold?
CO (µg/m^3)	1-hr	-1.14	3,435	23,000	No
	8-hr	-0.27	2,897	10,000	No
NO_2 (µg/m^3)	1-hr	-1.01	185	339	No
	Annual	-0.01	28	57	No
SO_2 (µg/m^3)	1-hr	0.0	52	655	No
	3-hr	0.0	52	1,300	No
	24-hr	1.0	27	105	No
	Annual	0.1	8	80	No

Table 4-4

Maximum Air Pollutant Incremental Concentrations for CUP-RP Operations - All Receptors

PM10 (µg/m^3)	24-hr	0.1	0.1[3]	2.5	No
	Annual	0.2	0.2[3]	1.0	No
PM2.5 (µg/m^3)	24-hr	0.1	0.1[3]	2.5	No

1 The CUP-RP impact is the change from the existing CUP concentrations. This increment is calculated by subtracting the existing CUP concentrations from the new CUP concentrations. Negative values indicate a beneficial impact on air quality.
2 The comparison criteria are the most stringent of CAAQS or NAAQS for CO, NO_2, and SO_2; and are the SCAQMD Air Quality Operational Significance Thresholds for PM10 and PM2.5.
3 The PM10 and PM2.5 CUP-RP incremental concentrations are compared to the SCAQMD thresholds without adding in background.

Sources: CDM, 2009.

4.1.3 Cumulative Projects Impact Analysis

Cumulative construction impacts were modeled using the AERMOD dispersion model for the peak year of CUP-RP construction. This cumulative impact analysis includes concentration impacts from CUP-RP operational impacts, which were addressed separately in Section 4.1.2. This analysis conservatively combines the 2010 CUP-RP construction and other construction project concentrations with the 2013 CUP-RP operational concentrations. **Table 4-5** compares the resulting cumulative project construction-related concentrations to the SCAQMD concentration thresholds shown in **Table 1-5**.

Table 4-5

Air Pollutant Concentrations for the CUP-RP Construction (2010), 2010 Other Construction Projects, and CUP-RP Operations (2013)

Pollutant Concentration	Averaging Period	Threshold (CAAQS)	Bradley West Project[2], Other Construction Projects, and Background	Exceed AAQS?
CO (mg/m^3)	1-hr	10	4	No
	8-hr	23	3	No
NO_2 (µg/m^3)	Annual	57	46	No
	1-hr	339	695 [3]	Yes
		SCAQMD[1]	**Bradley West Project[2] and Other Construction Projects**	**Exceed Threshold?**
PM10 (µg/m^3)	Annual	1.0	3.4	Yes
	24-hr	10.4	30.2	Yes
PM2.5 (µg/m^3)	24-hr	10.4	9.1	No

1 SCAQMD Air Quality Significance Threshold.
2 Includes 2010 Bradley West Project construction and 2013 Bradley West Project operations.
3 Due to the number of sources across the airfield, only the total NOx concentration is shown (i.e., it is conservatively assumed that all NOx is emitted as NO_2).

Sources: CDM, 2009.

The one-hour NO_2 CAAQS would be exceeded during the peak year of cumulative project construction. The SCAQMD construction thresholds for annual and 24-hour PM10 would also be exceeded. The concentrations shown in Table 4-5 are based on modeling done for the cumulative projects in the Bradley West Project EIR, and are therefore conservative as some of the projects are currently on hold, as noted in the first paragraph of Section 3.1.3 above.

Although the CUP-RP is being identified as cumulatively significant for NO_2, it should be noted again that an extremely conservative method was used to reach this conclusion. The analysis assumes that all NO_x from the construction equipment is emitted as NO_2, not a combination of nitric oxide (NO) and NO_2. However, most (up to 95 percent)[58] combustion NO_x is initially emitted as NO and is eventually converted to NO_2 through atmospheric reactions. At least eight cumulative projects, in addition to the CUP-RP, are located in the CTA, including the Bradley West Project; CTA Elevators and Escalators Replacement; CTA Seismic Retrofits; CTA Joint Repair, Roadway Improvements, and Security Barriers; Security Program - In-Line Baggage Screening Systems (T6); TBIT Interior Improvements Program; Passenger Boarding Bridge Replacement (T1, T3, T6, Remotes); and Sewer Line Replacement (T1, T6) projects. These projects include emissions that occur within 500 meters of the CTA receptor. Since the NO_2/NO_x conversion factor is 0.258 at 500 meters downwind,[59] it is possible that actual NO_2 concentrations in the CTA would be less than the CAAQS.

4.2 Toxic Air Contaminants

The concentrations of TACs were calculated from concentrations of PM10 and VOC emissions from both construction and operational CUP-RP sources. Peak 1-hour concentrations were calculated for development of acute risks, while period average concentrations (reported as annual averages) were used to develop cancer and chronic non-cancer risks. The concentration results for each TAC and source type or source group in included in Attachment 2 to this technical report.

58 South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003.

59 South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, June 2003.

5. HUMAN HEALTH RISK ASSESSMENT

Cancer and chronic non-cancer risk estimates for impacts of the CUP-RP are based on estimated project emissions and air dispersion modeling as discussed above and are discussed in the following sections. Acute non-cancer hazard estimates for construction and operational sources were also addressed using emission estimates and dispersion modeling.

Cumulative risks were based on previous estimates of cumulative risks presented in the LAX Bradley West Project Draft EIR;[60] methods used to evaluate these risks have not changed.

5.1 Cancer Risks and Non-Cancer Hazards Associated with CUP-RP Construction and Operation

Risk estimates for construction and operational sources are presented below for on-airport workers (occupational exposure), and off-airport workers, residents, and school children. Acute and chronic non-cancer risks are discussed.

5.1.1 Comparison of On-Airport Air Concentrations with OSHA Limits for Construction Workers

Effects on construction workers were evaluated by comparing estimated maximum 1-hour air concentrations of TACs for the CUP-RP to the California Occupational Safety and Health Administration (CalOSHA) 8-hour Time-Weighted Average Permissible Exposure Levels (PEL-TWAs).[61] For pollutants with no PELs, Threshold Limit Values (TLVs) established by the American Conference of Governmental Industrial Hygienists (ACGIH)[62] were used. Estimated on-airport air concentrations and PEL-TWAs for TACs of concern for LAX are presented in **Table 5-1**.

Table 5-1

Comparison of CalOSHA Permissible Exposures Limits to the CUP-RP Maximum Estimated 8-Hour On-Airport Air Concentrations

	CUP-RP Construction	CUP-RP Operations	
Toxic Air Contaminant[1]	**Mitigated (mg/m^3)[2]**	**Mitigated (mg/m^3)[3]**	**CAL OSHA PEL-TWA (mg/m^3)[4]**
Acetaldehyde	0.01	-0.000002	45
Acrolein	0.000008	-0.0000004	0.25
Benzene	0.0027	-0.0000008	0.32[4]
Butadiene, 1-3-	0.0003	-0.00000002	2.2
Ethylbenzene	0.0005	-0.000002	435
Ethylene glycol	0.000004	0	100
Formaldehyde	0.02	-0.00003	0.37[5]
Hexane, n-	0.0004	-0.0000002	180
Isopropyl alcohol	0.000009	NE[6]	980
Methyl alcohol	0.00007	NE	260
Methyl ethyl ketone	0.002	NE	590
Methyl t-butyl ether	0.0001	NE	144

60 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

61 California Occupational Safety and Health Administration, Permissible Exposure Limits for Chemical Contaminants, Table AC-1, Available: http://www.dire.ca.gov/title8/5155.html.

62 American Conference of Governmental Industrial Hygienists, Documentation of the Threshold Limit Values and Biological Exposure Indices, 8th ed., 1998.

Table 5-1

Comparison of CalOSHA Permissible Exposures Limits to the CUP-RP Maximum Estimated 8-Hour On-Airport Air Concentrations

	CUP-RP Construction	CUP-RP Operations	
Toxic Air Contaminant[1]	**Mitigated (mg/m^3)[2]**	**Mitigated (mg/m^3)[3]**	**CAL OSHA PEL-TWA (mg/m^3)[4]**
Naphthalene	0.0001	NE	50
Phenol	0.0	NE	19
Propylene oxide	0.004	-0.000001	NA[7]
Styrene	0.00008	NE	215
Toluene	0.003	-0.000007	188
Xylene (total)	0.002	-0.000004	435
Antimony	0.000005	0.0	0.5
Arsenic	0.000005	0.0	0.01
Cadmium	0.000009	0.0	0.005
Chromium VI	0.000007	0.0	0.005
Copper	0.00003	0.0	1
Lead	0.0001	0.0	0.05
Manganese	0.0002	0.0	0.2
Mercury	0.000005	0.0	0.025
Nickel	0.00002	0.0	1
Selenium	0.000001	0.0	0.2
Vanadium	0.00006	0.0	0.05[8]
Zinc	0.0001	0.0	NA
Ammonium Ion	0.0002	-0.001	18
Bromine	0.00001	0.0	0.7
Chlorine	0.001	0.0	1.5
Diesel PM	0.05	0.0	NA
Silicon	0.04	0.0	5
Sulfates	0.003	0.0	NA

1 All TACs for which PEL-TWAs are available are listed. PEL-TWAs are not available for diesel exhaust, propylene, zinc, and sulfates.
2 Maximum 8-hour concentrations at on-airport location. (W1 for VOCs and inorganic constituents,)
3 Values listed are 1-hour concentrations in the CTA which represent reasonable estimates of 8-hour concentrations in the CUP-RP construction area. Negative values indicate decreases in concentrations due to improvements from new operations. Elemental/metal emissions for operations are shown as zero because during operations these constituents are only from diesel exhaust from the one existing diesel engine, which remains the same for existing and future operations, resulting in zero increment.
4 California Occupational Safety and Health Administration. Permissible Exposure Limits for Chemical Contaminants, Table AC-1, 2008, http://www.dir.ca.gov/title8/5155table_ac1.html.
5 CalOSHA does not have a value; value is from American Conference of Governmental Industrial Hygienists (ACGIH), Documentation of the Threshold Limit Values and Biological Exposure Indices, 8th ed., Cincinnati, Ohio, 1998.
6 NE = No Emissions (from operations)
7 NA = Not Available
8 Value listed for vanadium is for vanadium pentoxide, the most common form of vanadium

Source: CDM, 2009.

Estimated maximum 1-hour air concentrations at on-airport locations under the CUP-RP for construction with mitigation are a few to several orders of magnitude below PELs or TLVs for all TACs. This result suggests that air concentrations from airport emissions with implementation of the CUP-RP would not exceed those considered acceptable by CalOSHA standards.

5.1.2 Cancer Risks and Chronic Non-Cancer Hazards for Maximally Exposed Individuals (MEI) -- Residents and School Children

For the CUP-RP, approximately 451 grid points were analyzed along the airport fence-line, within the Central Terminal Area (CTA), and in the vicinity of the airport. Concentrations at fence-line locations represent maximum concentrations of TACs predicted by the air dispersion modeling for off-airport receptors. These fence-line concentrations can be used to evaluate exposure to a MEI, and thus provide a ceiling for risks and hazards for off-airport residents and students. In addition, the CTA receptor located within airport property can be used to evaluate the MEI for commercial workers. In essence, these calculations assumed that people live and go to school at the LAX fence-line and work within the LAX CTA. Although this assumption is incorrect, it is obviously conservative. No exposures to CUP-RP emissions or associated risks within the community would be higher than those calculated in this HHRA.

Air concentrations for TACs for construction and operational sources were developed using emissions estimates and dispersion modeling as described in Sections 3 and 4 above. Using these emission estimates, exposure parameters for potential receptors, and current toxicity values, cancer risks and chronic non-cancer health hazards were calculated for adult residents (adult+child), resident children ages 0 to 6 years, and for elementary-aged school children at fence-line locations where air concentrations for TACs were predicted. Cancer risks and chronic non-cancer human health hazards for MEI at the fence-line location with maximum cancer risks are summarized in **Table 5-2** and shown in **Figure 5-1**; calculations are presented in Attachment 3 of this technical report.

Table 5-2

Cancer Risks and Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals for CUP-RP

	Mitigated	
Receptor Type	**Construction**	**Operation**
Cancer Risks[1,2] (per million people)		
Child Resident	0.54	-0.00005
School Child	0.046	-0.000004
Adult + Child Resident[3]	2.2	-0.0002
Adult Resident	1.8	-0.0002
Adult Worker	18	0.004
Non-Cancer Chronic Hazards[2,4]		
Child Resident	0.007	0.00003
School Child	0.0006	0.000003
Adult Resident	0.002	0.00001
Adult Worker	0.04	0.0007

1 Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions. Cancer estimates are rounded to two significant figures.
2 Note maximum concentrations for each scenario are not at the same location (grid point).
3 Includes exposure to TACs released from LAX from childhood (ages 0-6) through adulthood (ages 7-70).
4 Hazard indices are totals for all TACs that may affect the respiratory system. This hazard index is essentially equal to the total for all TACs.

Source: CDM, 2009.

5.1.2.1 Residents (Adults and Young Children)

Estimated cancer risk for adult residents and child residents for CUP-RP construction with mitigation were 2 in one million and 0.5 in one million, respectively. Estimated cancer risks are higher for adults than for children, because exposure duration for adults is longer. Estimated cancer risks from construction sources for a young child through adulthood (adult + child) at the modeled location with maximum construction cancer risks was 2 in one million. Exposure to diesel particulate matter released during construction contributed about 96 percent of cancer risks for adults and children. The remaining portion of the risk from construction sources is attributable to hexavalent chromium (2 percent) and vanadium (1 percent).

Construction sources are associated with notably higher cancer risks than operational sources. Operational emissions of the CUP-RP after construction and with mitigation would result in beneficial impacts. MEI cancer risk is -0.0002 in one million for adult residents and -0.00005 in one million for child residents at the residential location with the maximum operational cancer risk. Estimated cancer risks for a young child through adulthood (adult + child) at the modeled location with maximum operational cancer risks was -0.0002 in one million. Operational emissions do not contain any incremental changes in diesel particulate matter because the existing diesel engine does not change in operations or location under the CUP-RP. Since the impacts from constituents of operational emissions are beneficial, percentage contributions to cancer risks from operations are not calculated.

These estimates show that project-related cancer risks for adults and for young children are predicted to be below the threshold of significance of 10 in one million for the mitigated CUP-RP. These estimates are likely to greatly overestimate actual exposure because they assume exposure occurs at the LAX fence-line for a lifetime. Concentrations at the fence-line are maxima. Actual exposures would occur at locations removed from the fence-line where lower concentrations are predicted. Further, although the exposure period for receptors to CUP-RP-specific operational sources is not a defined period of time, the construction period of the CUP-RP is estimated to be about four years. Only during this time period would exposure to construction emissions actually occur. This issue is discussed in more detail below in Section 6, *Uncertainties*.

Project-related chronic non-cancer hazard indices for construction impacts associated with the CUP-RP are also provided in **Table 5-2**. Hazard indices for adult residents and child residents living at the peak TAC concentration location under the mitigated scenario for the CUP-RP construction are estimated to be 0.002 and 0.01, respectively. All hazard estimates for the mitigated CUP-RP construction are below the significance threshold of 1.

Hazard index estimates are higher for children than adults, because they are normalized to body weight, which is lower for children than for adults. Diesel particulate matter contributes 59 percent or more to the hazard index from construction sources for all residential receptors, but other TAC also make important contributions, vanadium (18 percent), chlorine (15 percent), and manganese (5 percent). The source of diesel particulate matter is mainly construction equipment. Vanadium emissions are primarily from fugitive dust. Project-related chronic non-cancer health hazards for adults and for young children are predicted to be below the threshold of significance.

Hazard indices for adult residents and child residents living at the peak TAC concentration location under the mitigated scenario for CUP-RP-specific operations are estimated to be 0.00001 and 0.000003, respectively. Since the impacts from most constituents of the operational emissions (e.g., formaldehyde and acetaldehyde) are beneficial, contributions to the total hazard cannot be calculated as straight percentages since the negative (beneficial) values offset the positive values. The hazards from operational sources are primarily attributable to ammonium ion.

Legend

- W — On-Site Worker Locations
- Maximum Annual Average Concentrations of TACs
- Peak TAC Concentration (Acute)
- Fence Line Receptors

* Peak locations labeled with modeling grid node in parenthesis

0 — 5,400 ft.

1" = 2700 ft

north

Prepared by: CDM, 2009.

LAX CUP Replacement Project EIR	Human Health Risk Assessment Receptors and Peak Toxic Air Contaminants Concentration Locations	Figure 5-1

5.1.2.2 School Children

Cancer risks for children attending schools within the study area are estimated to be 0.05 in one million for the mitigated CUP-RP construction scenario and -0.000004 in one million for the mitigated CUP-RP-specific operations scenario. Risks below 1 in one million and less are typically considered negligible by regulatory agencies in California. For the construction scenario, diesel particulate matter contributed to the majority (96 percent) of the cancer risk. Negative cancer risks for constituents of operational emissions indicate mitigated operational impacts would be beneficial. Project-related cancer risks for school children are predicted to be below the threshold of significance for both mitigated CUP-RP construction and operations.

HIs for chemicals affecting the same target (i.e., the respiratory system) for MEI school children are 0.00006 for construction impacts and 0.000003 for operations impacts. Project-related chronic non-cancer health hazards for school children are predicted to be below the threshold of significance for both mitigated CUP-RP construction and operations.

5.1.2.3 Adult Workers

Cancer risks were evaluated for adult workers at grid locations identified as commercial in land use within the study area. Cancer risks for adult workers under the mitigated scenario are estimated to be 18 in one million for construction impacts, which is above the threshold of significance of 10 in one million. Diesel particulate matter contributed to the majority (96 percent) of the cancer risk with the remaining portion of the risk attributable to hexavalent chromium (2 percent) and vanadium (1 percent). Cancer risks for adult workers under the operations scenario with mitigation is 0.004 in one million, which is below the threshold of significance of 10 in one million. PAHs contributed to the majority of the cancer risk for the operations scenario with the remaining portion of the risk attributable to benzene.

HIs for adult workers are 0.04 for construction and 0.0007 for operations impacts under mitigated conditions. Estimated HIs for construction impacts are 57 percent due to exposure to diesel particulates from construction equipment operations with the remaining portion of the total hazard index attributable to vanadium (18 percent), chlorine (17 percent), and manganese (5 percent). Estimated HIs for operations are primarily attributable to ammonium ion (87 percent) and acrolein (10 percent) with ammonium ion contributing roughly eight times more than acrolein. Project-related chronic non-cancer health hazards for adult workers for construction and operations with mitigation are both predicted to be below the threshold of significance.

5.1.2.4 Risks Described Geographically

Total cancer risks for construction of the CUP-RP were calculated for each grid node in the AERMOD modeling domain. Risks were then used to generate estimates of risks on a spatial basis as overlays on a map of the LAX study area. Cancer risks under mitigated conditions are presented in **Figure 5-2** for CUP-RP construction. Cancer risks for CUP-RP operations are not shown because these risks are negative or several orders of magnitude less than 1 in one million and showing these risks would not add to this discussion. **Figure 5-2** depicts ranges of cancer risks from less than 1 in one million to greater than 10 in one million as an increase in cancer risk compared to the 2008 baseline. Grid nodes in the figures are represented by shapes reflecting their land use type (residential, commercial, or school), which is also the basis by which the risks at that location were calculated. Cancer risks for the adult + child resident were used to represent residential and school nodes because these values provide a ceiling for risks at these locations. Since all risk estimates for residents are below thresholds of significance, a more refined analysis is not necessary.

Importantly, grid nodes where adult off-airport worker risks exceed the threshold of 10 in one million are limited to a small area near the LAX Theme building. Cancer risk estimates at all other grid nodes, including those along the terminal access loop and the east and southeast fence lines are below 10 in one million. In many cases, risk estimates are below 1 in one million. Risks below this target are often

deemed *de minimis*. Thus, the geographic extent of construction related impacts above significance threshold is small.

As shown in the figure, commercial grid nodes nearest the LAX Theme building (CTA) have cancer risks higher than commercial grid node locations to the southeast. Residential nodes to the northeast of LAX are generally higher than cancer risks predicted for residential nodes to the northeast suggesting that risks are generally higher along the path of the prevailing wind. This finding is consistent with the LAX Master Plan EIR geographical findings regarding operational cancer risks and adds to confidence in the results of the analyses.

To provide a more focused comparison of spatial differences, cancer risks at fence-line grid nodes were compared to the cancer risks at grid nodes 25 meters further out from this LAX boundary. The results of this comparison for the CUP-RP construction with mitigation are summarized in **Table 5-3**.

Table 5-3

Comparison of Cancer Risks at Fence-line Receptor Grid Nodes to Cancer Risks at Receptor Grid Nodes 25 Meters Out for the Mitigated CUP-RP

Fence-line Receptor Grid Node	Corresponding Receptor Grid Node 25 Meters Out	Percentage Decrease in Cancer Risk from Fenceline[1]	
		Construction	Operation
333	30	1.2%	1.0%
334	34	1.0%	1.0%
335	37	1.0%	0.8%
336	40	1.0%	0.6%
337	43	1.0%	0.6%
338	44	1.0%	0.5%
339	47	1.0%	0.5%
340	50	0.0%	0.2%
341	53	0.0%	0.2%
342	55	0.0%	0.1%
343	57	1.6%	1.1%
344	59	3.1%	3.1%
345	60	1.5%	1.0%
346	62	1.4%	1.2%
347	64	1.5%	0.6%
348	66	2.8%	0.3%
349	68	1.4%	1.0%
350	69	3.9%	2.5%
351	70	2.6%	1.4%
352	71	1.4%	1.4%
353	72	1.4%	1.5%
354	75	0.0%	0.4%
355	76	6.4%	3.6%
356	77	1.1%	0.5%
357	78	1.3%	0.8%
358	79	0.0%	0.2%
359	80	2.8%	0.9%
360	81	1.4%	0.9%
361	87	**-1.3%**	**-0.4%**
362	86	**-1.4%**	**-0.7%**
363	89	2.2%	1.3%
364	91	2.0%	1.4%
365	92	1.9%	1.4%
366	95	2.6%	1.9%
367	96	4.8%	3.3%
368	98	3.4%	1.9%
369	101	3.8%	1.7%
370	103	1.7%	2.7%
371	106	2.9%	1.7%

Table 5-3

Comparison of Cancer Risks at Fence-line Receptor Grid Nodes to Cancer Risks at Receptor Grid Nodes 25 Meters Out for the Mitigated CUP-RP

Fence-line Receptor Grid Node	Corresponding Receptor Grid Node 25 Meters Out	Percentage Decrease in Cancer Risk from Fenceline[1]	
		Construction	Operation
372	111	5.4%	6.5%
373	110	3.6%	0.3%
374	112	2.1%	1.4%
375	114	2.6%	1.0%
376	117	0.0%	**-0.6%**
377	122	3.6%	1.0%
378	126	2.3%	**-5.6%**
379	130	0.0%	**-1.2%**
380	131	3.0%	**-5.6%**
381	131	3.8%	1.5%
382	133	4.0%	2.3%
383	135	0.0%	0.8%
384	140	4.5%	3.5%
385	144	**-3.5%**	**-5.8%**
386	145	0.0%	**-2.5%**
387	146	4.2%	1.6%
388	147	7.9%	6.0%
389	149	**-2.7%**	**-4.1%**
390	152	5.6%	5.8%
391	154	5.5%	5.5%
392	155	7.0%	6.0%
393	156	7.0%	5.2%
394	157	6.7%	4.9%
395	158	6.2%	5.2%
396	162	5.1%	3.8%
397	165	2.3%	1.4%
398	167	0.0%	**-0.1%**
399	168	**-0.2%**	0.2%
400	170	4.4%	2.5%
401	174	1.4%	1.0%
402	179	3.4%	1.1%
403	183	11.1%	**-0.3%**
404	188	**-1.6%**	4.1%
405	189	**-0.2%**	**-1.6%**
406	194	**-1.1%**	**-0.5%**
407	197	9.4%	**-175.3%**
408	204	0.1%	**-0.1%**
409	203	5.2%	0.7%
410	208	**-8.7%**	**-4.0%**
411	211	**-6.1%**	**-4.0%**
412	215	**-5.3%**	**-3.7%**
413	220	2.3%	1.8%
414	222	5.0%	3.5%
415	223	1.9%	1.5%
416	224	3.3%	1.4%
417	225	4.1%	2.0%
418	228	3.8%	3.6%
419	227	1.4%	0.9%
420	230	1.7%	1.1%
421	231	2.0%	1.0%
422	238	2.6%	0.9%
423	244	0.0%	0.2%
424	247	6.9%	2.4%
425	251	0.0%	2.8%
426	252	5.4%	3.0%
427	255	0.0%	0.2%
428	257	0.0%	2.1%

Table 5-3

Comparison of Cancer Risks at Fence-line Receptor Grid Nodes to Cancer Risks at Receptor Grid Nodes 25 Meters Out for the Mitigated CUP-RP

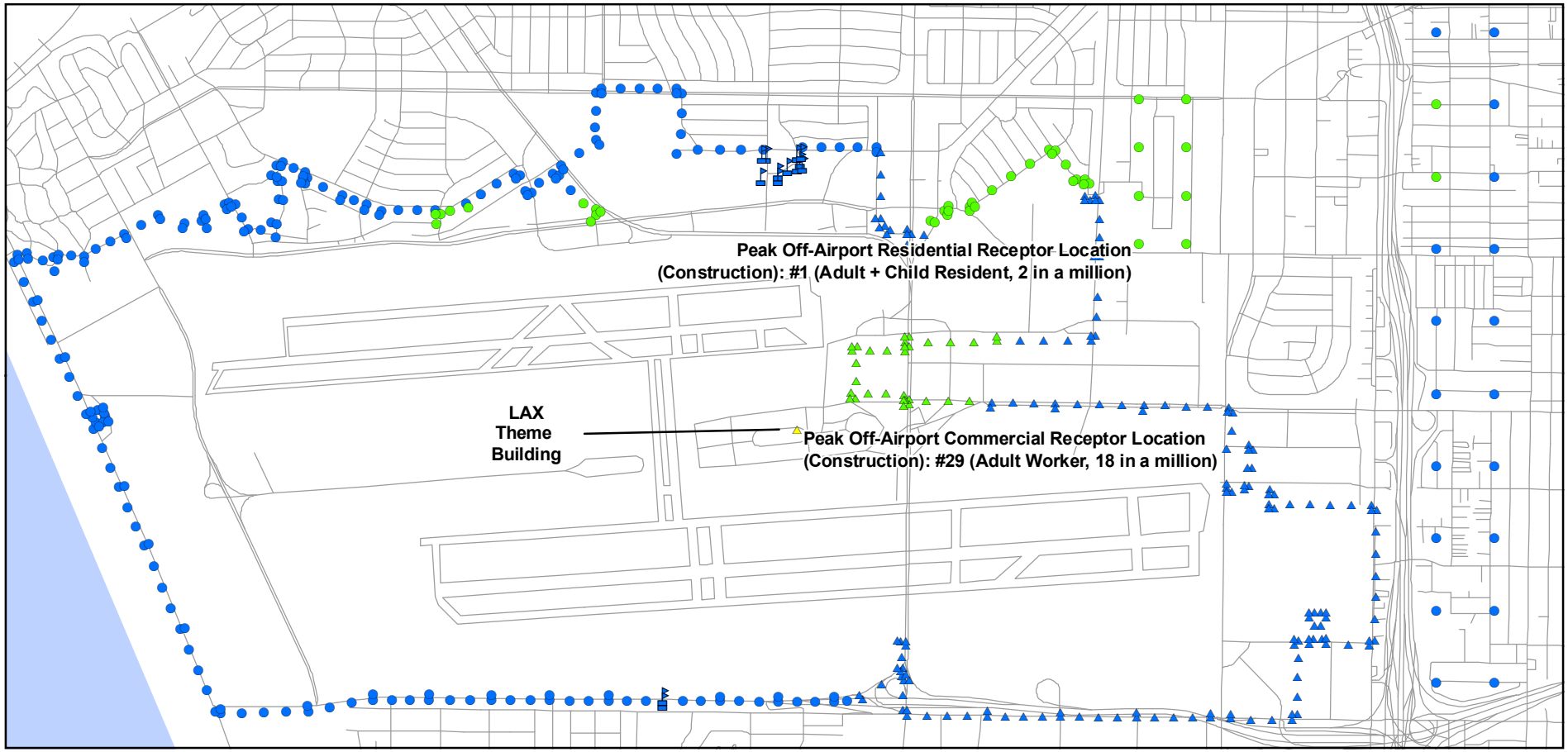
Fence-line Receptor Grid Node	Corresponding Receptor Grid Node 25 Meters Out	Percentage Decrease in Cancer Risk from Fenceline[1]	
		Construction	Operation
429	262	0.0%	0.4%
430	266	0.0%	0.6%
431	267	0.0%	0.1%
432	271	0.2%	0.3%
433	275	0.1%	0.2%
434	279	3.1%	0.2%
435	284	**-2.2%**	**-0.9%**
436	286	**-2.0%**	**-0.8%**
437	287	**-0.1%**	**-0.4%**
438	290	0.1%	0.1%
439	289	3.0%	0.9%
440	291	1.8%	0.9%
441	294	3.5%	1.2%
442	296	3.2%	0.8%
443	299	2.5%	0.9%
444	302	3.8%	0.9%
445	305	3.3%	1.2%
446	308	3.2%	1.5%
447	311	1.7%	1.7%
448	314	2.0%	1.9%
449	317	2.3%	2.4%
450	320	2.6%	2.5%
451	323	1.6%	2.3%

[1] A negative decrease in percentage (shown in **bold**) indicates that the cancer risk increased from the fence-line to the grid node 25 meters out.

Source: CDM, 2009.

For the majority of the grid nodes -- 102 out of 112, TAC concentrations and therefore corresponding cancer risks decreased by up to 10 percent between the fence-line and 25 meters into the community. In a few instances, cancer risks increased slightly -- less than 5 percent. These locations are highlighted in **Figure 5-3**. Small changes are expected for closely spaced grid nodes and suggest that small local differences in concentrations are not an important uncertainty in the assessment. This conclusion is supported by results from evaluation at grid nodes further into the communities east and northeast of LAX. Prevailing winds are from the west and southwest indicating that chronic impacts in communities to the northeast would be among the highest expected outside of the LAX boundary. Even so, risk estimates at these locations are uniformly low, that is, below the threshold of significance and in many cases below 1 in one million.

Since all non-cancer health effects for the CUP-RP are more than an order of magnitude less than 1, a figure depicting the geographic extent of non-cancer health hazards would not add to the discussion of these results and was not created.



Legend

Off-Airport Receptor Locations
- Commercial
- Residence
- School

Cancer Risk Classification
- <= 1 in a million
- 1 to <10 in a million*
- 10 to <20 in a million

0 — 5,400 ft.

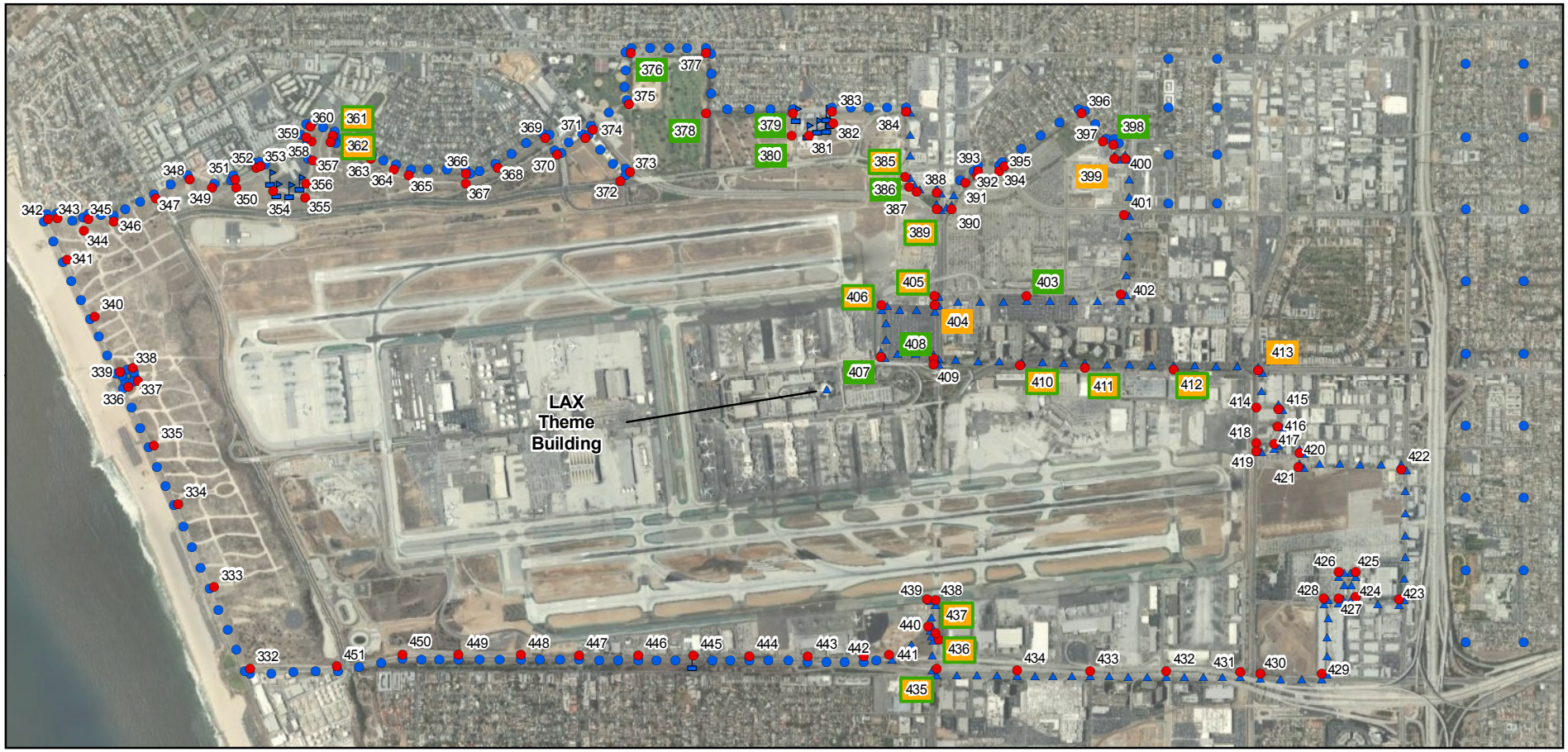
1" = 2700 ft

north

* Cancer risk threshold is 10 in 1 million

Prepared by: CDM, 2009.

LAX CUP Replacement Project EIR	Geographic Representation of Cancer Risks by Receptor Type - Construction, Post-Mitigation Conditions	Figure 5-2



Legend

Fence Line Land Use Assumptions

- Commercial
- Residential
- School
- 406 Mitigated Operation Location Where Cancer Risks Increased (< 8 %)
- 376 Mitigated Construction Location Where Cancer Risks Increased (< 8 %)

0 — 5,400 ft.

1" = 2700 ft

north

Prepared by: CDM, 2009.

LAX CUP Replacement Project EIR	Comparison of Cancer Risk for Receptor Grid Nodes at the LAX Fence Line to Grid Nodes 25 Meters from the New CUP	Figure 5-3

5.1.3 Acute Non-Cancer Hazards

As with cancer risks and chronic non-cancer hazards, acute non-cancer hazards were analyzed at 451 grid points within the study area. Land use distinctions and different exposure scenarios are irrelevant for assessment of acute risks. For example, someone visiting a commercial establishment would potentially be subject to the same acute risks as someone working at the establishment. However, likely receptors (residential, school, and occupational) for each grid point were designated through inspection of aerial photos, since these designations may provide some reflection of populations more likely to be exposed in certain locations. Residential land use was, for example, assumed for grid points that are adjacent to residential areas. Acute risks at these locations may reflect the relative magnitude of acute risks in residential areas nearest to emission sources. Likewise, off-airport workers were assumed at receptor locations that are adjacent to commercial land uses. In addition, commercial workers were also assumed to be located in the CTA. Fence-line and CTA concentrations of TACs are likely to represent the highest concentrations and thus the greatest potential impacts for residents and workers, respectively. Risks and hazards estimated for the LAX fence-line and in the CTA are therefore likely to overestimate risks and hazards that may occur in actual residential or commercial areas. Three schools, St. Bernard High School, Visitation Elementary School, and Imperial Avenue School, were identified as schools in the study area closest to the fence-line; potential acute hazards for school children were estimated at the grid points (seventeen grid points) closest to these locations.

In the 2006-2007 Air Emission Report to SCAQMD, TACs associated with operation of the existing natural gas cogeneration turbines and utility boilers in the CUP were also analyzed for acute non-cancer hazards. For the CUP-RP HHRA, all TACs identified in construction and CUP-RP-specific operational emissions and for which CalEPA has developed acute RELs are evaluated for potential acute health impacts. For other TACs potential acute health impacts are discussed in the Uncertainties Section below.

Short-term concentrations of TACs for CUP-RP construction sources were estimated using AERMOD with the model option for 1-hour maximum concentrations selected. Acute hazards were estimated at each grid point by comparison of modeled TAC concentrations at each grid point with the appropriate acute REL. All acute hazard estimates are specific for airport emissions and are independent of county-wide estimates developed by USEPA.

Hazards due to acute exposure to TACs are all below 1 for selected grid nodes within the study area under mitigated conditions. The maximum acute hazards associated with construction and operational activities are shown in **Table 5-4** and are based on potential exposure to acrolein, ammonium ion, and formaldehyde. Acute exposures to formaldehyde may result in irritation to the eye and respiratory system and, possibly, adverse effects to the immune system.[63] For acrolein, if acute effects occurred, they would typically include irritation of eyes and mucous membranes. Acute exposures to ammonium ion may result in mild eye and respiratory irritation.

Acute hazards for TACs other than ammonium ion, formaldehyde and acrolein are orders of magnitude below 1 and below the acute hazards estimated for short-term exposure to formaldehyde, ammonium ion and acrolein.

[63] California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, OEHHA Toxicity Criteria Database. Available: http://www.oehha.ca.gov/risk/ChemicalDB/index.asp, accessed May 1, 2008.

Table 5-4

Acute Hazard Indices for the CUP-RP

	Summary of Acute Hazard Indices[1]					
	CUP-RP Formaldehyde		Ammonium Ion		Acrolein	
	Constr.	Operation	Constr.	Operation	Constr.	Operation
Residential Locations						
Maximum HI[2]	0.04	-0.00002	0.000006	0.00001	0.0003	-0.00001
Off-Airport Worker Locations						
Maximum HI	0.4	-0.00002	0.00006	0.0001	0.003	-0.00001
School Child Locations						
Maximum HI	0.03	-0.00003	0.000004	0.00001	0.0002	-0.00002
Overall Off-Airport Maximum HI	0.4	-0.00002	0.00006	0.0001	0.003	-0.00001
On-Airport Construction Worker Locations						
Maximum HI	0.3	NE[3]	0.00006	NE	0.003	NE

1 Maximum concentrations for each scenario were not at the same location
2 HI = Hazard Index
3 NE = Not evaluated separately.

Source: CDM, 2009.

Acute hazard estimates are applicable to all receptors. Toxicity criteria for acute health hazards are simply air concentrations above which health effects could occur; they do not distinguish between adults and children and are the same for all land uses. Acute RELs are established at levels that are considered protective of sensitive populations. A hazard index equal to or greater than 1, the threshold of significance for acute effects, indicates some potential for acute adverse health effects. A hazard index less than 1 suggests that acute adverse health effects are not expected. Project-related acute health hazards for all receptor types would not exceed the threshold of significance for any one hour interval. Calculations for acute health hazards are provided in Attachment 4 of this technical report.

5.2 Cumulative Risks and Non-Cancer Hazards Associated with the CUP-RP

Unlike air quality, for which standards have been established that determine acceptable levels of pollutant concentrations, no standards exist that establish acceptable levels of human health risks or that identify a threshold of significance for cumulative health risk impacts. Therefore, the discussion below addresses cumulative impacts, and possible project-related contribution to those impacts. No determination is made however regarding the significance of cumulative impacts.

5.2.1 Cumulative Risks and Chronic Non-Cancer Hazards

The SCAQMD conducted an urban air toxics monitoring and evaluation study for the South Coast Air Basin from April 2004 through March 2006 called MATES-III. MATES-III is a follow up to MATES-II and provides an updated general evaluation of cancer risks associated with TACs from all sources within the South Coast Air Basin. According to the study, cancer risks in the Basin range from 870 in one million to 1,400 in one million, with an average of 1,200 in one million. These cancer risk estimates are high and indicate that current impacts associated with sources of TACs from past and present projects in the region are substantial. The MATES-III study is an appropriate estimate of present cumulative impacts of TAC emissions in the South Coast Air Basin. It does not, however, have sufficient resolution to determine

the fractional contribution of current LAX operations to TACs in the airshed. Only possible incremental contributions to cumulative impacts can be assessed.

The LAX Master Plan Final EIR used the results of the MATES-II study to address cumulative cancer risks associated with the build alternatives and the No Action/No Project Alternative. Overall, the analyses indicated that:

- LAX operations would have a small impact on cumulative human cancer risks associated with living in the South Coast Air Basin.
- Mitigation would reduce cancer risks below those predicted for pre-mitigation conditions. That is, mitigation would result in a decrease in cumulative risks for many people living closest to the airport.

Predicted concentrations of TACs released from construction and operational activities for the CUP-RP suggest that chronic health hazards would not be expected. The assessment of cumulative chronic hazards follows methods used to evaluate cumulative chronic hazards presented in the LAX Master Plan Final EIR (Section 4.24.1.7 and Technical Report S-9a, Section 6.3) incorporating updated National-Scale Air Toxics Assessment (NATA)[64] Tables from 1999. The methods used may provide only some idea of order of magnitude of impacts. The methods do not allow acceptable estimates of acute hazards on a scale smaller than a large fraction of the air basin.

With regard to reasonably foreseeable projects, continued growth and development in the region, as well as other construction projects at LAX, would result in additional sources of TACs. Although future sources and releases of TACs are highly speculative, estimated emissions of other projects at LAX that may be constructed concurrently with the CUP-RP were assessed to see how they compare to estimated CUP-RP emissions after mitigation. Projects at LAX that were included in this evaluation are: Bradley West Project (Taxiway S and ARFF demolition), Crossfield Taxiway Project, Airfield Operating Area (AOA) Perimeter Fence Enhancements - Phase III, Security Program - In-Line Baggage Screening Systems (T6), TBIT Interior Improvements Program, Airfield Intersection Improvements - Phase 2, Airport Operations Center (AOC)/Emergency Operation Center (EOC), K-9 Training Facility, Central Utilities Plant (CUP) Replacement Program, Passenger Boarding Bridge Replacement, Bus Wash Rack Facility, CTA Elevators and Escalators Replacement, CTA Seismic Retrofits, Sewer Line Replacement, CTA Joint Repair, Roadway Improvements, and Security Barriers, Korean Air Cargo Terminal Improvement Project, West Aircraft Maintenance/Aircraft Parking Area, Westchester Golf Course 3-Hole Expansion Project, Westchester Rainwater (Stormwater) Improvement Project, and Metro Bus Maintenance and Operations Facility. Cumulative incremental cancer risks and hazards from the estimated emissions of these projects at LAX are summarized in **Table 5-5**. Calculations for cumulative incremental cancer risks and hazards are provided in Attachment 5 of this technical report.

[64] U.S. Environmental Protection Agency, Available: hhtp://www/epa.gov/ttn/atw/nata1999/tables.html.

Table 5-5

Cumulative Incremental Cancer Risks and Chronic Non-Cancer Health Hazards for Maximally Exposed Individuals for Construction of Other Concurrent Projects at LAX Compared to CUP-RP

Receptor Type	Concurrent Other Projects at LAX Mitigated[2,3]	CUP-RP Mitigated	
		Construction	Operation
Incremental Cancer Risks[1] (per million people)			
Child Resident	9	0.5	-0.00005
School Child	0.8	0.05	-0.000004
Adult + Child Resident[4]	38	2	-0.0002
Adult Resident	31	2	-0.0002
Adult Worker	31	18	0.004
Incremental Non-Cancer Chronic Hazards[5]			
Child Resident	0.3	0.007	0.00003
School Child	0.03	0.0006	0.000003
Adult Resident	0.09	0.002	0.00001
Adult Worker	0.09	0.04	0.0007

1 Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions. Cancer and hazard estimates are rounded to one significant figure.

2 Includes Bradley West Project (Taxiway S and ARFF demolition), Crossfield Taxiway Project, Airfield Operating Area (AOA) Perimeter Fence Enhancements - Phase III, Security Program - In-Line Baggage Screening Systems (T6), TBIT Interior Improvements Program, Airfield Intersection Improvements - Phase 2, Airport Operations Center (AOC)/Emergency Operation Center (EOC), K-9 Training Facility, Central Utilities Plant (CUP) Replacement Program, Passenger Boarding Bridge Replacement, Bus Wash Rack Facility, CTA Elevators and Escalators Replacement, CTA Seismic Retrofits, Sewer Line Replacement, CTA Joint Repair, Roadway Improvements, and Security Barriers, Korean Air Cargo Terminal Improvement Project, West Aircraft Maintenance/Aircraft Parking Area, Westchester Golf Course 3-Hole Expansion Project, Westchester Rainwater (Stormwater) Improvement Project, and Metro Bus Maintenance and Operations Facility.

3 Concurrent Other Projects at LAX Mitigated includes both CUP-RP construction and operation even though construction of CUP-RP and operation of CUP-RP would not overlap. The uncertainty arising from combining the risks and hazards from these two phases is further discussed in the uncertainties section (Section 6) of this technical report.

4 Includes exposure to TACs released from LAX from childhood (ages 0-6) through adulthood (ages 7-70).

5 Hazard indices are totals for all TACs that may affect the respiratory system. This incremental hazard index is essentially equal to the total for all TACs.

Source: CDM, 2009.

As shown in **Table 5-5**, cancer risks and hazards from CUP-RP construction after mitigation may comprise from 6 to 58 percent of cancer risks and 2 to 44 percent of the hazards from the combined other projects at LAX anticipated to be under construction concurrent with the CUP-RP. Thus, risks and hazards associated with CUP-RP construction after mitigation combined with the risks and hazards of other concurrent projects at LAX would result in an increase in cumulative human cancer risks and health hazards. This increment would still not be measurable against urban background conditions in the South Coast Air Basin. Risks and hazards associated with CUP-RP-specific operations would have an even smaller impact on cumulative human cancer risks and health hazards against urban background conditions in the South Coast Air Basin.

Meaningful quantification of future cumulative health risk exposure in the entire South Coast Air Basin is not possible. Moreover, the threshold of significance used in this HHRA for evaluating CUP-RP construction and operation is meaningful only in the context of individual projects; this threshold is not appropriately applied to conclusions regarding cumulative cancer risk in the Basin. However, based on the relatively high cancer risk level associated with past and present projects in the Basin, as represented

by the environmental baseline (i.e., an additional 1,200 cancer cases per million), the CUP-RP would not add incrementally to the already high cumulative impacts in the South Coast Air Basin near LAX.

The above comparisons do not account for possible positive changes in air quality in the South Coast Air Basin in the future. SCAQMD and other agencies are consistently working to reduce air pollution. In particular, reductions in emission of diesel particulates are being considered for the near future. Since diesel particulate matter is the major contributor to estimated cancer risks, substantial reductions in diesel emissions would result in substantial reductions in cumulative cancer risks. These, and other such regulations intended to reduce TAC emissions within the Basin, would reduce cumulative impacts in the airshed. While continued, if not increased, regulation by the SCAQMD of point sources as well as more stringent emission controls on mobile sources would reduce TAC emissions, whether such measures would alter incremental contributions of TAC releases to cumulative impacts under the CUP-RP cannot be ascertained.

5.2.2 Cumulative Acute Non-Cancer Hazards

Predicted concentrations of TACs released from construction and operational activities for the CUP-RP suggest that acute health hazards would not be expected. The assessment of cumulative acute hazards follows methods used to evaluate cumulative acute hazards presented in the LAX Master Plan Final EIR (Section 4.24.1.7 and Technical Report S-9a, Section 6.3) incorporating updated National-Scale Air Toxics Assessment (NATA)[65] Tables from 1999. The methods used may provide only some idea of order of magnitude of impacts. The methods do not allow acceptable estimates of acute hazards on a scale smaller than a large fraction of the air basin.

When USEPA annual average estimates are converted to possible 1-hour maximum concentrations, acute hazard indices associated with total acrolein concentrations are estimated to range from 2 to 120, with an average of 23, for locations within the study area. Predicted maximum acute hazards associated with acrolein for CUP-RP construction and operations are 0.003 and -0.00001, respectively. Thus, the CUP-RP would be expected to contribute substantially less than 1 percent above current levels of acrolein even at locations where maximum concentrations are predicted.

Acute hazard indices associated with total formaldehyde concentrations are estimated from USEPA data to range from 0.07 to 1.7, with an average of 0.55, for locations within the study area. Predicted acute hazards associated with formaldehyde for CUP-RP construction and operations are 0.4 and -0.00002, respectively. Thus, the CUP-RP could contribute 72 percent (0.4/0.55) on average above current levels of formaldehyde at residential locations and at commercial off-airport locations.

Similar to the analysis for cumulative cancer risks, cumulative acute hazards from TACs released from construction activities for projects at LAX that may be constructed concurrently with the CUP-RP were assessed and compared to acute hazards for the CUP-RP construction and CUP-RP-specific operations. Cumulative acute hazards remain small, even considering the impacts from several concurrent construction projects. Although acute acrolein hazards are much lower for the CUP-RP than for the cumulative projects, cumulative acute hazards associated with formaldehyde are in the same range as that for the CUP-RP alone. This finding reflects modeling of TACs released only during construction of other projects at LAX. Operational activities from these projects were not included in estimates of cumulative impacts because either operations are evaluated in the LAX Master Plan Final EIR[66] for those projects that are part of the LAX Master Plan, or the projects do not result in operational changes to emissions.

Cumulative acute hazards from concurrent LAX projects are summarized in **Table 5-6**. Calculations are provided in Attachment 5.

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65 U.S. Environmental Protection Agency, Available: hhtp://www/epa.gov/ttn/atw/nata1999/tables.html.

66 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

Table 5-6

Cumulative Acute Hazard Indices for Construction of Other Concurrent Projects at LAX Compared to Mitigated CUP-RP

	Summary of Acute Hazard Indices					
	Concurrent Other Projects at LAX Mitigated[2]		CUP-RP Increment[3]			
			Construction		Operation	
	Formaldehyde	Acrolein	Formaldehyde	Acrolein	Formaldehyde	Acrolein
Residential						
Maximum HI[1]	0.1	0.08	0.04	0.0003	-0.00002	-0.00001
Minimum HI	0.02	0.02	0.002	0.00002	-0.00006	-0.00006
Average HI	0.07	0.05	0.02	0.0001	-0.0001	-0.00003
Off-Airport Worker						
Maximum HI	0.2	0.09	0.4	0.003	-0.00002	-0.00001
Minimum HI	0.02	0.04	0.003	0.00002	-0.0006	-0.0002
Average HI	0.06	0.05	0.02	0.0002	-0.00009	-0.00004
School Child						
Maximum HI	0.09	0.07	0.03	0.0002	-0.00003	-0.00002
Minimum HI	0.04	0.05	0.01	0.0001	-0.0001	-0.00005
Average HI	0.05	0.05	0.02	0.0001	-0.0001	-0.00004
Overall Off-Airport Maximum HI	**0.2**	**0.09**	**0.4**	**0.003**	**-0.00002**	**-0.00001**

1 HI = Hazard Index

2 Includes Bradley West Project (Taxiway S and ARFF demolition), Crossfield Taxiway Project, Airfield Operating Area (AOA) Perimeter Fence Enhancements - Phase III, Security Program -In-Line Baggage Screening Systems (T6), TBIT Interior Improvements Program, Airfield Intersection Improvements - Phase 2, Airport Operations Center (AOC)/Emergency Operation Center (EOC), K-9 Training Facility, Central Utilities Plant (CUP) Replacement Program, Passenger Boarding Bridge Replacement, Bus Wash Rack Facility, CTA Elevators and Escalators Replacement, CTA Seismic Retrofits, Sewer Line Replacement, CTA Joint Repair, Roadway Improvements, and Security Barriers, Korean Air Cargo Terminal Improvement Project, West Aircraft Maintenance/Aircraft Parking Area, Westchester Golf Course 3-Hole Expansion Project, Westchester Rainwater (Stormwater) Improvement Project, and Metro Bus Maintenance and Operations Facility.

3 Since no additional mitigation was assumed for VOC emissions, mitigated and unmitigated concentrations of acrolein and formaldehyde are the same.

Source: CDM, 2009.

5.2.3 Direct Burial Alternative

Cancer risk and non-cancer hazards presented in Table 5-7 were estimated for the CUP-RP direct burial alternative using the same methods described in Section 5.1. Emission estimates for this alternative are discussed in Section 3.1.4. Only construction emissions are evaluated for this alternative

For this alternative, project-related cancer risks for residents and school children are predicted to be below the threshold of significance. Estimated cancer risk for adult residents and child residents for the CUP-RP alternative construction with mitigation were 1 in one million and 0.4 in one million, respectively. Estimated cancer risks from construction sources for a young child through adulthood (adult + child) at the modeled location with maximum construction cancer risks was 2 in one million. Exposure to diesel particulate matter released during construction contributed about 97 percent of cancer risks for adults and children. Estimated cancer risk for school children were 0.04 in one million.

Cancer risks for adult workers under the direct-burial alternative scenario are estimated to be 13 in one million for construction impacts, which is above the threshold of significance of 10 in one million. Diesel particulate matter contributed to the majority (97 percent) of the cancer risk.

Project-related chronic non-cancer hazard indices for construction impacts associated with the CUP-RP direct burial alternative are also provided in **Table 5-7**. All hazard estimates for all receptors for this alternative are below the significance threshold of 1. Hazard indices for the migrated alternative for child residents, school children, adult residents and workers are 0.005, 0.0004, 0.001 and 0.02, respectively.

Although cancer risk and non-cancer hazards for this alternative are less than those estimated for the CUP-RP, basic conclusions from analysis of this alternative do not change. The threshold of significance of 10 in one million is exceeded only for adult on-site workers.

Table 5-7

Cancer Risks and Chronic Non-Cancer Human Health Hazards for Maximally Exposed Individuals for CUP-RP Direct Burial Alternative

	Construction	
Receptor Type	**Unmitigated**	**Mitigated**
Cancer Risks[1,2] (per million people)		
Child Resident	0.43	0.4
School Child	0.037	0.035
Adult + Child Resident[3]	1.7	1.6
Adult Resident	1.4	1.3
Adult Worker	14	13
Non-Cancer Chronic Hazards[2,4]		
Child Resident	0.006	0.0045
School Child	0.0005	0.00039
Adult Resident	0.0018	0.0013
Adult Worker	0.031	0.023

1 Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions. Cancer estimates are rounded to two significant figures.
2 Note maximum concentrations for each scenario are not at the same location (grid point).
3 Includes exposure to TACs released from LAX from childhood (ages 0-6) through adulthood (ages 7-70).
4 Hazard indices are totals for all TACs that may affect the respiratory system. This hazard index is essentially equal to the total for all TACs.

Source: CDM, 2009.

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6. UNCERTAINTIES

Uncertainties are present in all facets of human health risk assessment. Potential important uncertainties associated with the HHRA for the LAX Master Plan are discussed in detail in Technical Report 14a and Technical Report S-9a of the LAX Master Plan Final EIR. These same uncertainty considerations apply to the analyses presented in the CUP-RP Draft EIR. These uncertainties are briefly summarized below.

6.1 Uncertainties Associated with Emission Estimates and Dispersion Modeling

Risk estimates were based on chemical concentration estimates obtained through emissions and dispersion modeling. Emissions estimates are sensitive to the values used to represent the numerous emission source variables (e.g., future aircraft operation assumptions) and to the air toxic emission factor values used for each source. Consequently, estimated emissions values are subject to uncertainties. Different assumptions and values of variables would result in different emissions estimates. The HHRA used well-accepted methods and best available emission factor data to develop estimates of emissions, and estimates and assumptions are reasonable and appropriate. Actual emissions are unlikely to be meaningfully greater than those used in the analyses.

6.2 Evaluation of Sensitive Receptor Populations

Certain subpopulations may be more sensitive or susceptible to negative health impacts caused by environmental contaminants than the population at large. Risk estimates presented in the HHRA represent a wide range of potential exposures including the highest that can be reasonably expected. Thus, even though risk estimates are not provided for all potentially sensitive receptors in the area, populations not specifically evaluated are still expected to be represented. For example, quantitatively evaluated populations include those with the highest expected exposure durations and exposure frequencies (e.g., residents). Exposures are therefore expected to be less for other populations, even those with higher chemical sensitivities.

6.3 Uncertainties Associated with Exposure Parameter Assumptions

6.3.1 Uncertainties in Exposure Duration for Cancer Risks

An exposure duration of 70 years was used to estimate possible cancer risks associated with CUP-RP construction. A 70-year exposure duration is generally used by the SCAQMD in risk assessments performed for permitting purposes. This exposure duration combined with other exposure parameters used in this HHRA assumes that an individual exists who resides where maximum impacts occur in a location near construction similar to construction anticipated for LAX, and that the individual is sedentary, spending essentially all of his/her time at home, and yet still breathes at a rate consistent with relatively high activity. Further, this exposure duration assumes that construction emissions continue for a lifetime (6 years for a child and 70 years for an adult) instead of approximately 4 years as anticipated. In essence, SCAQMD assumes that person would constantly move to locations near construction and always be exposed to construction emissions at the point of greatest impact throughout their lifetimes. This combination of factors never occurs, and any estimates of cancer risk based on such a combination will greatly overestimate possible cancer risks for everyone in the study area. Estimated cancer risks for a 3-year exposure duration presented in **Table 6-1** show that cancer risks for a 4-year exposure duration are estimated to be at least an order of magnitude lower for the adult resident than that estimated for lifetime exposure. Cancer risk for childhood exposure does not change much when exposure duration is reduced to 4 years. Cancer risks for young children reported in Section 5 are based on an exposure duration of 6 years and assuming a slightly shorter duration makes only a small difference. Usually cancer risk is smaller for young children than for adults due to short childhood exposure duration;

however, since exposure duration for all receptors in this uncertainty analysis is approximately 4 years, cancer risk estimates for young children actually slightly higher.

All calculations are provided in Attachment 3 of this technical report.

Table 6-1

Cancer Risks for Maximally Exposed Individuals for a 4-Year Exposure Duration Consistent with Estimated Construction Time for the CUP-RP Construction

	Incremental Cancer Risks[1] (per million people)
Receptor Type	**Mitigated**
Child Resident	0.4
School Child	0.03
Adult Resident	0.1
Adult Worker	2

[1] Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions. All estimates are rounded to one significant figure to be consistent with uncertainties in these values.

Source: CDM, 2009.

6.3.2 Uncertainties in Inhalation Rates

Inhalation rate for individuals can vary over a range of values for residents, off-airport workers or other receptor groups. These ranges reflect both differences in age and level of activity. Since residents have the longest exposure frequency and duration, and therefore the greatest cancer risks and chronic non-cancer hazards for given ambient air concentrations, they were selected for a sensitivity analysis for inhalation rates. In the Air Toxics Hot Spots Guidance,[67] OEHHA recommends use of a range of inhalation rates for 9-year, 30- year, 70-year exposure durations. OEHHA's suggested rates span a range that includes rates used in the LAX Master Plan Final EIR,[68] the SAIP Final EIR,[69] the CFTP Draft EIR,[70] the Bradley West Project Draft EIR,[71] and the CUP-RP evaluation presented in Section 5. In addition, the ARB recommends[72] using a breathing rate of 302 L/kg BW day when a single risk value is calculated for risk management decisions. For a limited sensitivity analysis, rates from both OEHHA and ARB guidance were used as input values to calculations for the CUP-RP construction.

In this analysis, cancer risks and chronic non-cancer hazard quotients were calculated for the above range of inhalation rates at the grid point where the highest impacts were identified for the adult resident for the CUP-RP construction. Estimated concentrations for unmitigated conditions were used. For a 9-

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

68 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

69 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for South Airfield Improvement Project, Los Angeles International Airport (LAX), August 2005.

70 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), September 2008.

71 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

72 Air Resources Board, Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk (http://www.arb.ca.gov/toxics/harp/docs/rmpolicy.pdf). October 2003.

year exposure duration, inhalation rate was varied from 452 L/kg BW-day to 581 L/kg BW-day. For 30-year and 70-year exposure durations, inhalation rate was varied from 271 L/kg BW-day to 393 L/kg BW-day. The lower end of the range is an estimate from OEHHA for inhalation rate for average activity levels. The upper end is an estimate from OEHHA for high activity levels. The middle value (302 L/kg BW day) represents the 80th percentile recommended by the ARB. Adult resident inhalation rate used in the CUP-RP calculation in Section 5 was 20 m^3/day, which is equivalent to 286 L/kg BW-day. Cancer risks and chronic non-cancer hazards for adult residents for these different combinations of exposure durations and inhalation rate are summarized in **Table 6-2**. These calculations are provided in Attachment 3 of this technical report.

Table 6-2

Estimated Cancer Risks and Chronic Non-Cancer Hazard Indices for Varying Inhalation Rates for Mitigated CUP-RP Construction Scenario

	Presented in CUP-RP Construction Analysis	Sensitivity Analysis							
	70-year Scenario	9-year Duration		30-year Duration			70-year Duration		
Inhalation Rates (L/kg BW-day)[1]	**286[2]**	**452**	**581**	**271**	**302**	**393**	**271**	**302**	**393**
Off-Airport Adult Resident									
Cancer Inhalation Risks (per million individuals)	2	0.4	0.5	0.7	0.8	1.1	1.7	1.9	2.5
Chronic Non-cancer Inhalation Hazards Indices	0.002	0.003	0.004	0.002	0.002	0.003	0.002	0.002	0.003

1 L/kg BW-day = Liters per kilogram of body weight per day

2 286 L/kg BW-day for the off-airport adult resident corresponds to a 70 kg adult breathing 20 m^3/day for a 24 hour day. 20 m^3/day is the breathing rate recommended for an adult resident by U.S. EPA, (1989).

Most estimates are rounded to two significant figures to show small differences among some scenarios. Typically risk estimates are rounded to one significant figure to be consistent with uncertainties in these values.

Source: CDM, 2009.

Varying exposure duration and inhalation rate for the adult resident would not materially affect conclusions about the impact of the CUP-RP construction. The highest cancer risk for an adult resident identified in Section 5 is 2 in one million. Using the upper end of the range of inhalation rates for the adults only increases this estimate to about 3, or about 50 percent. This increase does not change the conclusions regarding potential impacts of the project.

Highest chronic non-cancer HIs for adult residents under the CUP-RP also show very little change as result of different assumptions for inhalation rate. Again, chronic non-cancer hazards might increase for residents by less than 50 percent, and would remain substantially below the significance threshold of 1 in all instances.

6.4 Uncertainties Associated with Toxicity Assessment

A potentially large source of uncertainty is inherent in the derivation of the CalEPA toxicity criteria (cancer slope factors and RELs). In many cases, data used to develop toxicity criteria must be extrapolated from animals to sensitive humans. For example, the application of uncertainty factors to estimated no-observable-adverse-effects-levels (NOAELs) or lowest-observed-adverse-effects-levels (LOAELs) are typically used to develop RELs. While designed to be protective, in many cases toxicity criteria are likely to overestimate the magnitude of differences that may exist between humans and animals, and among humans.

In some cases, however, toxicity criteria may be based on studies that did not detect the most sensitive adverse effects. For example, many past studies have not measured possible toxic effects on the immune system. Moreover, some chemicals may cause subtle effects not easily recognized in animal studies. Overall, toxicity criteria are likely to be protective for most or all exposed populations. These criteria are constantly being reconsidered in light of new research and are subject to occasional change during this process. The nature and direction of these changes cannot be predicted and currently available criteria are the best source of toxicity information for use in human health risk assessments.

6.4.1 Uncertainties Associated with Not Using Subchronic Toxicity Values for Hazard Estimates

USEPA defines an exposure scenario to be subchronic when the exposure lasts for longer than 30 days up to 10 percent of the human lifespan. [73] For example, if the human lifespan is estimated to be 70 years, then subchronic conditions exist for scenarios ranging from 30 days to 7 years. As discussed in Section 6.3.1, in the risk calculation for significance determination, CUP-RP construction was assumed to have an exposure duration of 70 years in accordance with SCAQMD risk assessment requirements for permitting purposes. However, actual CUP-RP construction is estimated to have an exposure duration of 4 years. This difference in exposure duration would not only change the cancer risk estimate as described in Section 6.3.1, but would also affect which toxicity values should be used in the hazard calculations. Toxicological studies have shown that short-term repeated exposure can have different effects than repeated long-term exposures depending on factors, such as bioaccumulation, body defense mechanisms (e.g., detoxification or elimination), and whether irreversible effects are produced. Since a 4-year exposure duration is subchronic instead of chronic, subchronic toxicity values are more appropriate in determining the hazards for CUP-RP construction.

However, subchronic toxicity values are not available for most of the TACs. In these instances, USEPA guidance states that use of reference values for the next longer duration of exposure (for subchronic, this would be chronic) may be as a conservative estimate. For these chemicals, subchronic hazards would be the same as calculated in this EIR. However, a few TACs do have subchronic toxicity values. These values are identified in **Table 6-3**.

[73] U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidelines for Superfund, Volume I: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment) Final, EPA-540-R-070-002, January 2009.

Table 6-3

Toxicity Values for TACs with Subchronic Reference Values

TAC	Reference Value[1] (µg/m^3)	
	Subchronic[2]	Chronic[3]
Acetaldehyde	300	140
Acrolein	0.7	0.35
Arsenic	0.015	0.015
Formaldehyde	9	9
Manganese	0.17	0.09
Mercury	0.06	0.03

1 OEHHA, 2009. http://www.oehha.ca.gov/air/allrels.html.
2 These subchronic RELs are 8-hour RELs, for which the exposure averaging time is 8 hours and may be repeated.
3 Chronic RELs are designed to address continuous exposures for up to a lifetime: the exposure metric used is the annual average exposure.

Source: CDM, 2009.

As shown in the **Table 6-3**, TACs with subchronic values that differ from their chronic values are not the primary risk drivers for the project. In addition, subchronic and chronic toxicity values differ by roughly a factor of two. If these subchronic toxicity values were used in the calculations, they would reduce the hazard quotients for these chemicals by half. Since the total hazard estimate for the project is already several orders of magnitude below the level of significance, use of these subchronic values would not substantively change results of the hazard calculations performed for this assessment.

6.4.2 Uncertainties Associated with Use of the Diesel PM Toxicity Value

Appendix K of the Hotspots Analysis and Reporting Program (HARP) guidelines[74] indicates that the toxicity values for diesel PM were developed for whole diesel exhaust (gas and particulate matter). As such, diesel PM should be the only TAC considered in the calculation of cancer and non-cancer chronic risks for diesel engine emissions; speciated diesel exhaust components (e.g., PAHs, metals) should not be evaluated along with the diesel PM. This approach was used in the estimation of CUP-RP operations emissions that were modeled using HARP, but not in the CUP-RP construction emissions that were modeled using AERMOD. However, cancer risks estimated for CUP-RP construction indicate that diesel PM emissions contribute 94 percent of cancer risks. Therefore, removal of speciated components from the risk estimates would have little impact. At most, cancer risk estimates might be reduced by about 6 percent. Emissions evaluated for previous LAX Project EIRs (LAX Master Plan Final EIR,[75] SAIP Final EIR,[76] the CFTP Draft EIR,[77] and the Bradley West Project Draft EIR[78]) included both diesel PM and its

74 California Environmental Protection Agency, Air Resources Board, HARP User Guide, December 2003.
75 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.
76 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for South Airfield Improvement Project, Los Angeles International Airport (LAX), August 2005.
77 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), September 2008.
78 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

speciated components and thus, the calculated chronic risks for these projects were likely overly conservative.

Studies used to support the diesel PM toxicity value also indicate that "potential cancer risk from inhalation exposure to whole diesel exhaust will outweigh the multipathway cancer risk from the speciated components." This conclusion was also reached in the LAX Master Plan Final EIR, where multipathway impacts were found to be minimal compared to impacts due to direct inhalation exposure. Multipathway risks were not evaluated in this HHRA for the CUP-RP.

Diesel PM does, not, however, have an acute REL. Therefore, in order to account for potential acute impacts from diesel PM, speciated components of diesel PM are evaluated in the acute analysis.

6.5 Uncertainties in Risk Characterization

6.5.1 Uncertainties Associated with Risk Assessment Guidelines for Superfund (RAGS) Part F, Supplemental Guidance for Inhalation Risk Assessment

In January 2009, USEPA issued the Risk Assessment Guidelines for Superfund (RAGS), Volume I: Human Health Evaluation Manual, Part F, Supplemental Guidance for Inhalation Risk Assessment (RAGS F). This document provides information on how inhalation toxicity values should be used in generating inhalation risk estimates using a concentration-based approach. In short, the concentration of the chemical in air should be used as the exposure metric (e.g., mg/m^3), instead of the inhalation intake of a contaminant in air based on inhalation rate and body weight (e.g., mg/kg-day) when estimating risks via inhalation.

As noted previously, potential cancer risks and the potential for adverse non-cancer health hazards were estimated in this HHRA using average long-term daily intakes, calculated using the chronic daily intake (CDI) formula based on inhalation rate and body weight.[79] To use the CDI to calculate risks and hazards, inhalation cancer slope values (in units of $(mg/kg\text{-}day)^{-1}$) were used for risk calculations, and CalEPA RELs (in units of $\mu g/m^3$) were converted into inhalation reference doses (in units of mg/kg-day) to calculate hazard quotients. This methodology is consistent with the HHRA methodology established in the LAX Master Plan Final EIR and other LAX airport HHRAs completed prior to the issuance of RAGS F.

In contrast, RAGS F recommends that the concentration of the chemical in air be used as the exposure metric resulting in the following formula for an exposure concentration:[80]

EC = (CA x ET x EF x ED) / (AT)

Where:
- EC = exposure concentration ($\mu g/m^3$)
- CA = chemical concentration in air ($\mu g/m^3$)
- ET = exposure time (hours/day)
- EF = exposure frequency (days/year)
- ED = exposure duration (years)
- AT = average time; e.g., the period over which exposure is averaged, ED in years x 365 days/year x 24 hours/day (hours)

79 U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund Vol. I, Human Health Evaluation Manual (Part A) Interim Final, EPA/540/1-89/002, December 1989.

80 U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund Vol. I, Human Health Evaluation Manual (Part F) Final, EPA/540/R-070/002, January 2009.

Cancer risks and the non-cancer health hazards are then calculated using the following formulas:[81]

Risk = IUR x EC

HQ = EC / (Toxicity Value x 1000 ug/mg)

Where: IUR = Inhalation unit risk $(\mu g/m^3)^{-1}$

EC = exposure concentration $(\mu g/m^3)$

HQ = hazard quotient

Toxicity Value = Inhalation toxicity value (mg/m^3)

To check the sensitivity of the analysis used in this HHRA to the use of this calculation, risks and hazards for risk drivers (any TAC contributing more than 0.1 percent to the total risk) were evaluated using the RAGS F formulas. These calculations are provided in Attachment 3 and summarized in **Table 6-4**. As shown in **Table 6-4**, results of the cancer risk analyses using the RAGS F formulas are about 21 percent less than the results from this HHRA, while the hazard analyses results using the RAGS F formulas are about 71 percent less than the results from this HHRA. Thus, the new formulas issued by RAGS F indicate that the methodology used in this HHRA are overly conservative, and use of the RAGS F formulas would not change the conclusions of this analysis relative to determinations of the significance of impacts.

Table 6-4

Comparison of RAGS F Formula Results with RAGS A Formula Results for Mitigated CUP-RP Construction Scenario

	RAGS F	RAGS A
Incremental Cancer Risks[1,2]		
Adult Resident	1.7	2.2
Incremental Hazards [2]		
Child Resident	0.0019	0.0065

1 Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions.

2 All estimates are rounded to two significant figures to show the difference between the values. Values calculated at the location with the maximum cancer risk.

Source: CDM, 2009.

6.5.2 Uncertainties Associated with Hotspots Analysis and Reporting Program (HARP)

As noted in above, the CARB air quality modeling program, HARP, was used to estimate ground level concentrations resulting from CUP-RP operations. The HARP software package was developed by CARB to provide a uniform tool to evaluate emissions inventory data and the potential human health impacts associated with permitting of stationary sources emissions. Because HARP software is only capable of evaluating stationary sources (such as those associated with operation of a central utility plant) and not mobile sources (such as those associated with construction), the AERMOD model was used to

81 U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Risk Assessment Guidance for Superfund Vol. I, Human Health Evaluation Manual (Part F) Final, EPA/540/R-070/002, January 2009.

calculate annual average and peak hour chemical concentrations associated with emissions during CUP-RP construction.

Although HARP has the capability of estimating potential risks and health effects, the risk assessment features of this program were not used to estimate risks and hazards for CUP-RP operations for several reasons: (1) the methodology used for evaluating risks and hazards associated with the LAX Master Plan projects was established in the LAX Master Plan Final EIR[82] and was used for the SAIP Final EIR,[83] the CFTP Draft EIR,[84] and the Bradley West Project Draft EIR.[85] Using HARP to calculate risks would not be consistent with this established methodology and could make results more difficult to compare across LAX Master Plan and non-Master Plan projects. Specifically, exposure pathways, toxicity values, exposure factors, and other calculation algorithms (such as whether hazards are summed by toxicological endpoint) could be different in the HARP software than the HHRA methodology used for airport projects;\; (2) because HARP is not capable of evaluating mobile sources, using HARP to calculate risks for CUP-RP operations would make results more difficult to compare with CUP-RP construction results; (3) HARP does not take into consideration land uses of receptor locations. Thus, HARP will calculate risks and hazards for a resident at a location that has been identified as having commercial land use; and (4) HARP estimates potential risks and health effects from emission sources. It does not calculate incremental emissions from emissions in a baseline year, which is needed for significance determination for a CEQA analysis.

However, because the risk assessment portion of HARP may be required for future facility permitting applications, potential cancer risks and non-cancer health hazards as estimated by HARP are presented in **Table 6-5** and discussed as an uncertainty. To convert HARP risk and hazard results into incremental risks and hazards above baseline, two HARP model runs were conducted - one under existing conditions and another under CUP-RP operation conditions. Incremental risks and hazards were then calculated as the difference between new and baseline risks and hazards so that HARP results could be compared to the incremental values calculated in this HHRA. As shown in **Table 6-5**, results from both the HARP and the HHRA show that CUP-RP operations would have a beneficial impact for cancer risk for adult residential receptors compared to baseline conditions.

HHRA cancer risks for adult workers and non-cancer hazards for adult residents are somewhat higher than estimates for these scenarios based on HARP estimates. For example, the maximum HARP estimate for incremental cancer risk for adult workers is 1×10^{-9} compared to the maximum HHRA estimate of 4×10^{-9} (**Table 6-5**). Both of these estimates are over three orders of magnitude less than the significance threshold of 1×10^{-5}. In contrast, the maximum non-cancer incremental hazard index for workers estimated in HARP (0.002) is higher than the maximum non-cancer hazard index for workers estimated in the HHRA (0.0007). These HIs are much less that the threshold of significance of 1.

Differences in cancer and non-cancer estimates are due to differences in methodology discussed above. Although HHRA and HARP results vary among exposure scenarios, these differences do not change the conclusions of this analysis relative to determinations of the significance of impacts. In either case, risk and HI estimates are much less than significance thresholds and, for residents, possible impacts are beneficial. That is, baseline concentrations of TACs are greater than concentrations assuming operation of the CUP-RP.

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82 City of Los Angeles, Final Environmental Impact Report for Los Angeles International Airport (LAX) Proposed Master Plan Improvements, April 2004.

83 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for South Airfield Improvement Project, Los Angeles International Airport (LAX), August 2005.

84 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Crossfield Taxiway Project, Los Angeles International Airport (LAX), September, 2008.

85 City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

Table 6-5

Comparison of HARP Results with RAGS A Formula Results for Mitigated CUP-RP Operation Scenario

Incremental Cancer Risks[1,2]	HARP	RAGS A
Adult Resident	-0.0002 (#10)	-0.0002 (#10)
Adult Worker	0.001 (#29)	0.004 (#29)
Incremental Hazards [2]	**HARP**	**RAGS A**
Child Resident	NC[3]	0.00003 (#372)
Adult Resident	0.000009 (#372)	0.00001 (#372)
Adult Worker	0.002 (#29)	0.0007 (#29)

1 Values provided are changes in the number of cancer cases per million people exposed as compared to baseline conditions.

2 Values shown at the locations with the maximum cancer risk or hazard, as indicated. Grid location shown in parentheses.

3 Incremental hazards were not calculated for a child resident in HARP.

Source: CDM, 2009.

6.5.3 Uncertainties Associated with Elimination of Potentially Complete Exposure Pathways

The CUP-RP HHRA evaluates the potential complete exposure pathway of direct inhalation of TACs released during construction and operations of the CUP-RP. However, other exposure pathways, such as exposure to TACs deposited onto soils, could also be important. For example, children might ingest TACs that deposited onto soil through hand-to-mouth activity during outdoor play, or residents who have gardens could ingest TACs taken up from soil into plants. For the CUP-RP HHRA, based on the multi-pathway screening analysis in the LAX Master Plan Final EIR and other airport HHRAs, inhalation of TACs was identified as the primary exposure pathway, and exposures and risks from inhalation of TACs were quantified.

Other potential exposure pathways were analyzed in a two-step screening process described in Technical Report 14a Attachment B, Section 2.5.3 of the LAX Master Plan Final EIR. In the first step, air dispersion modeling was used to determine potential TAC concentrations in air on or near LAX, and these concentrations were used to estimate deposition of TACs onto soils over time. In the second screening step, concentrations of TACs estimated in soil were compared to the range of background concentrations of these chemicals to determine the relative impacts of deposition from air. This analysis indicated that impacts to soils from deposition of TACs from airport operations would be negligible and that the estimated contribution from LAX emissions would result in no measurable difference in expected background concentrations of metals. Therefore, secondary pathways involving TACs in soil were not further evaluated.

6.5.4 Uncertainties Associated with Not Estimating Emissions for Unmitigated Conditions

The analysis of risks and hazards for the CUP-RP only included an evaluation of emissions and associated risks and health hazards for conditions with mitigation. As discussed in Section 2.3 and in the September 2004 document, *Alternative D Mitigation Monitoring & Reporting Program (MMRP)*, LAWA has committed to mitigation measures for LAX Master Plan Alternative D (the approved Master Plan). Two of these mitigation measures are applicable to construction emissions because they address PM10 emissions from diesel construction equipment. VOC (vapor-phase) emissions are not anticipated to be

reduced substantially by planned mitigation measures; thus, risks and hazards due to exposure to VOC would remain the same after mitigation.

As discussed in Section 5.1 diesel particulate matter is responsible for most (greater than 90 percent) cancer risk from CUP-RP construction sources. Hazard estimates for all chemicals are at least an order of magnitude below the threshold of significance of 1, and mitigation measures to reduce these hazards are not required. However, since diesel emissions are also significant (roughly 50 percent) contributors to non-cancer hazards, mitigation measures directed at PM10 would also add to the margin of safety between hazard estimates and the threshold of significance.

In the LAX Bradley West Project Draft EIR,[86] both mitigated and unmitigated conditions for the construction scenario were modeled and a comparison of the results was provided in the uncertainties section. The comparison showed minimal reduction in cancer risks (less than 5 percent) resulting from implementation of mitigation. A greater reduction was noted in the hazards (up to 22 percent); however, since the project hazards were several magnitudes below the significance threshold, this reduction was not of consequence. Because the LAX Bradley West Project analysis showed that mitigation measures did not change the significance finding of the HHRA and LAWA is committed to implementing these mitigation measures and has already implemented these measures on current construction projects, a separate analysis of unmitigated conditions for the CUP-RP was not deemed necessary. The types of emission controls (fugitive dust controls and diesel particulate filters on equipment that was verified by CARB for such filters) would be similar between the LAX Bradley West Project and CUP-RP.

6.6 Uncertainties in Background Estimates (MATES-III)

Risks from MATES-III were calculated based on monitoring data collected from April 2005 through March 2006. Modeling during the MATES-III study was used only to characterize existing risk within the basin -- not to project what future concentrations and risks would be. As such, comparisons between project-related estimated risks with the MATES-III results must be interpreted in recognition of the different time periods being represented. One may surmise that basin-wide cancer risks would likely increase in time with the inevitable increase in mobile sources along with population growth. On the other hand, currently adopted emission standards for mobile sources will tend to push future TAC emissions downward. It is not known at this time to what extent these two conditions would offset one another.

However, according to the CARB data, carcinogenic risks due to many TACs have decreased 44 to 63 percent since 1990. If continuing progress is made toward reductions in TAC emissions in the South Coast Air Basin, MATES-III could over predict potential background risks for year 2007 and beyond. If this is true, however, the traffic component of the air dispersion modeling for LAX emissions is likely to be too large also. Progress toward decreasing TAC emissions in the South Coast Air Basin must focus on mobile sources, which are the major contributors. Reductions in mobile source emissions would affect emissions from both airport and non-airport related traffic. Overall, the effect of general reductions in mobile source emissions could increase the relative contribution of LAX to basin-wide risks, but any such increase may be tempered by effects of general reductions on LAX-related traffic.

Unfortunately, trends are not available for diesel particulates because these compounds were not previously monitored. Diesel particulates have been found to contribute about 84 percent to carcinogenic risks in the South Coast Air Basin. Mates-III provides no information to help determine whether estimated risks would increase or decrease in the future. Again, and importantly, any general decrease in diesel emissions would also reduce diesel emissions in LAX-related traffic. Since diesel emissions were also a major contributor to LAX-related cancer risks, changing background as a result of better control of diesel emissions may not greatly affect the LAX contribution to basin-wide cancer risks.

[86] City of Los Angeles, Los Angeles World Airports, Draft Environmental Impact Report for Bradley West Project, Los Angeles International Airport (LAX), May 2009.

6.7 Uncertainties Associated with Evaluation of Cumulative Acute Non-Cancer Hazards

The semi-quantitative evaluation of acute hazards performed for the HHRA must be interpreted with great caution. The process included taking a range of possible annual average concentrations from USEPA estimates, subject to high uncertainty, for census tracts in the study area, converting these values to 1-hour maximum concentrations, and comparing these estimates to 1-hour maxima from modeling of LAX emissions. Each of these steps compounds uncertainties and resulting comparisons can only be viewed as a general assessment of relative impacts. Methods used could substantially overestimate the contribution of LAX operations. Estimated cumulative hazards cannot be used as estimates of actual cumulative acute hazards for any locations around LAX.

Recent studies suggest that predicted concentrations of acrolein in air associated with LAX operations may be over-estimated. Acrolein is unlikely to be transported over long distances because of its high reactivity and corresponding short half-life in air. A study at Chicago O'Hare Airport used empirical measurements of acrolein in ambient air to determine that acrolein was not a significant TAC associated with airport operations. The Illinois EPA measured airborne levels of various air contaminants in the vicinity of the O'Hare Airport as well as at other locations in the Chicago area over a seven-month period in 2000. An objective of the air toxics monitoring program was to determine if emissions associated with O'Hare Airport had a measurable impact on air quality in areas adjacent to the airport. Acrolein was not reported at measurable levels in air at locations near the airport during the air toxic monitoring program.

6.8 Interactions among Acrolein and Criteria Pollutants

TACs that act in a similar way to produce toxicity may cause additive, or even greater than additive, impacts to human health. Acrolein and criteria pollutants, such as oxides of nitrogen and ozone, all act as irritants to the upper respiratory system. Thus, interactions among these chemicals are possible. Whether such interactions actually occur, and are important for emissions from LAX operations, cannot be ascertained with available information. Many uncertainties exist, including:

- Reliability of acrolein concentration estimates (see Section 6.7).
- Lack of information on specific mechanisms of toxicity for the chemicals in question, which will affect the potential for and degree of any interactions.
- Lack of information on thresholds at which interactions may occur.

Without extensive additional research, the potential for impacts related to interactions among acrolein and criteria pollutants cannot be further assessed.

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Attachment 1

CUP-RP Construction and Operational Activity Parameters and Emission Rates

LAX Central Utilties Plant (CUP)

Construction Emissions Summary (Maximum Daily, Maximum Quarterly, Annual, and Project Total)

Maximum Daily Emissions: Uncontrolled (lb/day)

Pollutant	2009	2010				2011				2012				2013				Peak Quarter lbs/day	SCAQMD Significance Threshold	Emissions Exceed Threshold?
	Qtr 1[1]	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 10	Qtr 11	Qtr 12	Qtr 13[2]			
Carbon monoxide, CO	122.1	120.9	424.4	441.5	250.6	243.4	169.3	129.3	127.7	142.9	139.9	108.4	112.4	110.6	161.4	166.0	136.0	442	550	No
Reactive organic Gas, VOC	22.6	22.0	112.3	117.4	60.2	55.1	33.5	23.7	23.2	55.6	54.7	16.0	16.8	16.3	29.8	56.2	23.0	117	75	Yes
Nitrogen oxides, NOx	126.0	122.4	760.7	799.1	410.6	377.3	224.7	169.7	166.4	138.6	132.1	72.0	78.5	75.4	169.4	165.1	113.7	799	100	Yes
Sulfur dioxide, SO2	0.2	0.2	1.0	1.0	0.6	0.5	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	1	150	No
Respirable particulates, PM10	16.3	16.0	227.0	231.2	213.4	84.4	75.5	17.0	16.8	18.1	17.8	14.5	15.0	14.8	43.3	43.7	17.0	231	150	Yes
Fine particulates, PM2.5	7.6	7.4	74.7	76.5	58.9	31.0	23.5	8.1	8.0	8.5	8.1	5.2	5.5	5.3	14.4	14.4	7.2	77	55	Yes

Maximum Daily Emissions: Controlled (lb/day)[a]

Pollutant	2009	2010				2011				2012				2013				Peak Quarter lbs/day	SCAQMD Significance Threshold	Emissions Exceed Threshold?
	Qtr 1[1]	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 10	Qtr 11	Qtr 12	Qtr 13[2]			
Carbon monoxide, CO	122.1	120.9	424.4	441.5	250.6	243.4	169.3	129.3	127.7	142.9	139.9	108.4	112.4	110.6	161.4	166.0	136.0	442	550	No
Reactive organic Gas, VOC	22.6	22.0	112.3	117.4	60.2	55.1	33.5	23.7	23.2	55.6	54.7	16.0	16.8	16.3	29.8	56.2	23.0	117	75	Yes
Nitrogen oxides, NOx	126.0	122.4	760.7	799.1	410.6	377.3	224.7	169.7	166.4	138.6	132.1	72.0	78.5	75.4	169.4	165.1	113.7	799	100	Yes
Sulfur dioxide, SO2	0.2	0.2	1.0	1.0	0.6	0.5	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	1	150	No
Respirable particulates, PM10	15.1	14.9	115.7	120.1	103.6	52.8	44.1	16.1	15.9	17.3	16.9	13.5	13.9	13.7	27.9	28.3	16.2	120	150	No
Fine particulates, PM2.5	7.2	6.9	49.8	51.8	35.4	24.0	16.8	7.9	7.8	8.3	7.9	5.0	5.1	4.9	11.0	11.0	7.1	52	55	No

Maximum Daily Emissions, Uncontrolled, by Equipment Category (lb/day)

Equipment Type	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Off-road, On-Site Equipment	356.2	106.1	750.0	0.9	39.5	35.6	78,401
On-Road, On-Site Trucks	2.8	0.7	8.5	0.0	0.6	0.4	985.9
On-Road, Offsite Deliveries	21.0	5.4	67.9	0.1	5.4	3.2	3,369.0
On-Road, Offsite Workers	72.4	8.0	8.0	0.1	7.9	1.7	9,598.2
Fugitive Dust					182.2	38.1	
Paving/Painting VOC		29.9					
Total (lbs/day)	452.3	150.1	834.5	1.07	235.6	78.9	92,354

Total Emissions, Uncontrolled (tons)

Pollutant	2009	2010	2011	2012	2013	Project Total
CO	2.38	33.66	21.48	15.50	16.45	89.47
VOC [b.]	0.40	8.17	4.23	2.47	2.69	17.97
NOx	2.13	53.65	26.17	12.13	13.58	107.66
SOx	0.00	0.07	0.04	0.03	0.03	0.17
PM10 [b.]	0.32	13.40	5.19	2.04	2.11	23.06
PM2.5 [b.]	0.14	4.70	2.00	0.69	0.68	8.21
CO_2	411	6,749	3,964	2,672	2,945	16,740

Maximum Daily Emissions, Controlled, by Equipment Category (lb/day) [a.]

Equipment Type	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Off-road, On-Site Equipment	356.2	106.1	750.0	0.89	37.3	33.6	78,401
On-Road, On-Site Trucks	2.8	0.7	8.5	0.0	0.6	0.4	986
On-Road, Offsite Deliveries	21.0	5.4	67.9	0.1	5.4	3.2	3,369
On-Road, Offsite Workers	72.4	8.0	8.0	0.1	7.9	1.7	9,598
Fugitive Dust					73.2	14.6	
Paving/Painting VOC		29.9					
Total (lbs/day)	452.3	150.1	834.5	1.07	124.3	53.4	92,354

Total Emissions, Controlled (tons)

Pollutant	2009	2010	2011	2012	2013	Project Total
CO	2.38	33.66	21.48	15.50	16.45	89.47
VOC [b.]	0.40	8.17	4.23	2.47	2.69	17.97
NOx	2.13	53.65	26.17	12.13	13.58	107.66
SOx	0.00	0.07	0.04	0.03	0.03	0.17
PM10 [b.]	0.30	7.56	4.79	1.91	2.43	17.00
PM2.5 [b.]	0.13	2.99	2.51	0.78	0.92	7.32
CO_2	411	6,749	3,964	2,672	2,945	16,740

a. "Controlled" includes emission reduction measures required by regulation (e.g., SCAQMD Rule 403), or the LAX Master Plan Community Benefits Agreement (construction equipment diesel particulate filters). These reductions are part of the project design

b. Annual emissions of VOC from painting/paving, PM10 and PM2.5 from fugitive dust were calculated using URBEMIS 2007 v.9.2.4.

Prepared by: CDM 2009.

LAX Central Utilities Plant (CUP)
Construction Equipment Details

No.	Resource Name	Category	Fuel Type	Onroad/ Offroad	HP	Peak Week Hours	Average Daily Hours in Peak	Load Factor[a.]	Usage Factor[b.]
1	Vacuum Sweeper	Sweepers/Scrubbers	Diesel	Offroad	83	212	42	0.68	0.85
2	Water Truck Inc Water	Off-Highway Trucks	Diesel	Offroad	230	238	48	0.41	0.85
3	CAT 428 Backhoe	Tractors/Loaders/Backhoes	Diesel	Offroad	170	361	72	0.47	0.85
4	CAT H964 Rubber Tire Loader	Rubber Tired Loaders	Diesel	Offroad	200	234	47	0.54	0.85
5	14 YD Semi End Dumps	Dumpers/Tenders	Diesel	Offroad	174	579	116	0.38	0.85
6	Light Plants	Other General Industrial Equipment	Diesel	Offroad	450	342	68	0.62	0.85
7	30 KW Generator	Generator Sets	Diesel	Offroad	268	368	74	0.74	0.85
8	Truck / Trailer Low Boy	Off-Highway Trucks	Diesel	Offroad	210	15	3	0.41	0.85
9	Ready Mix Truck	Off-Highway Trucks	Diesel	Offroad	530	217	43	0.41	0.85
10	CAT330D Excavator	Excavators	Diesel	Offroad	84	16	3	0.58	0.85
11	100 T Grove Mobile Crane	Cranes	Diesel	Offroad	85	15	3	0.43	0.85
12	Gradall 544D Hi Lift	Forklift	Diesel	Offroad	125	215	43	0.30	0.85
13	JD 210LJ Skiploader	Rubber Tired Loaders	Diesel	Offroad	270	24	5	0.54	0.85
14	Hydrolic Caissons Drill Rig	Bore/Drill Rigs	Diesel	Offroad	268	172	34	0.75	0.85
15	50 Ton Grove Crane	Cranes	Diesel	Offroad	350	27	5	0.43	0.85
16	Cat 385C Excavator	Excavators	Diesel	Offroad	400	89	18	0.58	0.85
17	10 Yard Dump Trucks	Dumpers/Tenders	Diesel	Offroad	160	713	143	0.38	0.85
18	Cat CP76 Compactor	Crushing/Proc. Equipment	Diesel	Offroad	15	178	36	0.78	0.85
19	Maint. Vehicle	HHDD Vehicle, Diesel (33,001 to 60,000 lb)	Diesel	Onroad	450	460	92	1.00	0.85
20	300 AMP Arc Welder[c.]	Welders	Diesel	Offroad	40	NA	NA	0.45	0.85
21	36M Boom Pump[d.]	Cement and Mortar Mixers	Diesel	Offroad	350	NA	NA	0.56	0.85
22	Man Basket[d.]	Aerial Lifts	Diesel	Offroad	600	NA	NA	0.30	0.85
23	Pickups[c.]	Passenger Vehicle, Gas (<8500 lb)	Gas	Onroad	450	NA	NA	1.00	0.85
24	Sissor Lift[d.]	Aerial Lifts	Diesel	Offroad	33	NA	NA	0.30	0.85

a. Load factors from CEQA Air Quality Handbook, SCAQMD, Diamond Bar, CA, 1993. Table A9-8-D.
b. Usage factor estimated by assuming 10 hour shift includes 1.5 hours down time for meal and breaks.
c. Horespower assumed based on similar equipment provided in the LAX Bradely West Draft EIR.
d. Horsepower assumed by CDM

Passenger and employee vehicles assumed a load factor of 1
Trucks load factors assumed to be off-highway trucks

LAX Central Utilities Plant (CUP)

South Coast Air Basin (SCAB) Fleet Average Emission Factors (Diesel)

	2009							2010						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0049	0.0015	0.0085	0.0000	0.0005	0.8790	0.0001	0.0047	0.0014	0.0082	0.0000	0.0005	0.8790	0.0001
Air Compressors	0.0058	0.0019	0.0114	0.0000	0.0007	1.0079	0.0002	0.0056	0.0018	0.0110	0.0000	0.0006	1.0079	0.0002
Bore/Drill Rigs	0.0039	0.0009	0.0074	0.0000	0.0004	0.9663	0.0001	0.0038	0.0008	0.0070	0.0000	0.0003	0.9663	0.0001
Cement and Mortar Mixers	0.0059	0.0018	0.0092	0.0000	0.0006	1.0032	0.0002	0.0057	0.0017	0.0088	0.0000	0.0006	1.0032	0.0002
Concrete/Industrial Saws	0.0041	0.0011	0.0078	0.0000	0.0005	0.7513	0.0001	0.0063	0.0019	0.0095	0.0000	0.0007	0.9578	0.0002
Cranes	0.0058	0.0020	0.0103	0.0000	0.0007	0.8806	0.0002	0.0056	0.0019	0.0098	0.0000	0.0006	0.8806	0.0002
Crawler Tractors	0.0067	0.0021	0.0127	0.0000	0.0007	1.0168	0.0002	0.0064	0.0020	0.0121	0.0000	0.0007	1.0168	0.0002
Crushing/Proc. Equipment	0.0055	0.0019	0.0105	0.0000	0.0006	0.9469	0.0002	0.0053	0.0018	0.0101	0.0000	0.0006	0.9469	0.0002
Dumpers/Tenders	0.0036	0.0012	0.0070	0.0000	0.0004	0.8026	0.0001	0.0035	0.0011	0.0068	0.0000	0.0004	0.8026	0.0001
Excavators	0.0054	0.0017	0.0099	0.0000	0.0006	0.9930	0.0002	0.0053	0.0016	0.0093	0.0000	0.0006	0.9930	0.0001
Forklifts	0.0059	0.0020	0.0098	0.0000	0.0007	0.9363	0.0002	0.0057	0.0018	0.0092	0.0000	0.0006	0.9363	0.0002
Generator Sets	0.0045	0.0013	0.0092	0.0000	0.0005	0.8728	0.0001	0.0044	0.0013	0.0088	0.0000	0.0005	0.8728	0.0001
Graders	0.0064	0.0021	0.0119	0.0000	0.0008	1.0663	0.0002	0.0062	0.0020	0.0113	0.0000	0.0007	1.0663	0.0002
Off-Highway Tractors	0.0105	0.0028	0.0221	0.0000	0.0012	1.5569	0.0003	0.0101	0.0027	0.0212	0.0000	0.0012	1.5569	0.0002
Off-Highway Trucks	0.0057	0.0017	0.0161	0.0000	0.0007	1.5314	0.0002	0.0055	0.0016	0.0151	0.0000	0.0006	1.5314	0.0001
Other Construction Equipment	0.0058	0.0016	0.0088	0.0000	0.0006	0.9552	0.0001	0.0057	0.0015	0.0085	0.0000	0.0005	0.9552	0.0001
Other General Industrial Equipment	0.0047	0.0015	0.0094	0.0000	0.0005	0.8524	0.0001	0.0046	0.0014	0.0090	0.0000	0.0005	0.8524	0.0001
Other Material Handling Equipment	0.0054	0.0019	0.0092	0.0000	0.0006	0.7654	0.0002	0.0052	0.0018	0.0088	0.0000	0.0006	0.7654	0.0002
Pavers	0.0070	0.0024	0.0124	0.0000	0.0008	1.0376	0.0002	0.0068	0.0023	0.0119	0.0000	0.0008	1.0376	0.0002
Paving Equipment	0.0067	0.0024	0.0112	0.0000	0.0008	0.9450	0.0002	0.0065	0.0023	0.0108	0.0000	0.0008	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0050	0.0000	0.0003	0.6688	0.0001	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0064	0.0019	0.0098	0.0000	0.0007	0.9154	0.0002	0.0063	0.0018	0.0095	0.0000	0.0007	0.9154	0.0002
Pumps	0.0046	0.0015	0.0092	0.0000	0.0005	0.8714	0.0001	0.0045	0.0014	0.0089	0.0000	0.0005	0.8714	0.0001
Rollers	0.0055	0.0017	0.0094	0.0000	0.0006	0.9031	0.0002	0.0054	0.0016	0.0091	0.0000	0.0006	0.9031	0.0001
Rough Terrain Forklifts	0.0084	0.0028	0.0141	0.0000	0.0010	1.3085	0.0003	0.0081	0.0026	0.0133	0.0000	0.0009	1.3085	0.0002
Rubber Tired Dozers	0.0068	0.0017	0.0147	0.0000	0.0007	1.0601	0.0002	0.0065	0.0016	0.0140	0.0000	0.0006	1.0601	0.0001
Rubber Tired Loaders	0.0061	0.0020	0.0117	0.0000	0.0007	1.0902	0.0002	0.0059	0.0019	0.0112	0.0000	0.0006	1.0902	0.0002
Scrapers	0.0065	0.0019	0.0147	0.0000	0.0008	1.1666	0.0002	0.0063	0.0018	0.0140	0.0000	0.0008	1.1666	0.0002
Signal Boards	0.0054	0.0017	0.0095	0.0000	0.0006	0.9043	0.0002	0.0053	0.0016	0.0092	0.0000	0.0006	0.9043	0.0001
Skid Steer Loaders	0.0068	0.0022	0.0090	0.0000	0.0007	0.9181	0.0002	0.0066	0.0020	0.0087	0.0000	0.0007	0.9181	0.0002
Surfacing Equipment	0.0050	0.0015	0.0102	0.0000	0.0006	0.9348	0.0001	0.0048	0.0014	0.0097	0.0000	0.0005	0.9348	0.0001
Sweepers/Scrubbers	0.0066	0.0020	0.0103	0.0000	0.0007	1.0488	0.0002	0.0065	0.0019	0.0098	0.0000	0.0006	1.0488	0.0002
Tractors/Loaders/Backhoes	0.0067	0.0021	0.0127	0.0000	0.0007	1.3267	0.0002	0.0065	0.0020	0.0120	0.0000	0.0007	1.3267	0.0002
Trenchers	0.0069	0.0021	0.0122	0.0000	0.0007	1.1150	0.0002	0.0067	0.0020	0.0118	0.0000	0.0007	1.1150	0.0002
Welders	0.0063	0.0021	0.0109	0.0000	0.0007	0.9797	0.0002	0.0061	0.0020	0.0105	0.0000	0.0007	0.9797	0.0002

	2009							2010						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.009686	0.000992	0.001005	0.000011	0.000902	0.000192	1.097554	0.008263	0.000914	0.000918	0.000011	0.000903	0.000193	1.095682
Delivery Vehicle, Gas (>8500 lb)	0.020161	0.002789	0.022366	0.000027	0.001621	0.000830	2.723305	0.018438	0.002590	0.020625	0.000027	0.001567	0.000780	2.732222
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.012822	0.003293	0.041846	0.000040	0.002811	0.001890	4.210808	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206

LAX Central Utilities Plant (CUP)
South Coast Air Basin (SCAB) Fleet Average

	2011							2012						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0046	0.0013	0.0078	0.0000	0.0004	0.8790	0.0001	0.0044	0.0012	0.0075	0.0000	0.0004	0.8790	0.0001
Air Compressors	0.0054	0.0017	0.0105	0.0000	0.0006	1.0079	0.0002	0.0052	0.0016	0.0099	0.0000	0.0006	1.0079	0.0001
Bore/Drill Rigs	0.0038	0.0007	0.0064	0.0000	0.0003	0.9663	0.0001	0.0038	0.0007	0.0060	0.0000	0.0002	0.9663	0.0001
Cement and Mortar Mixers	0.0055	0.0016	0.0086	0.0000	0.0005	1.0032	0.0001	0.0053	0.0015	0.0084	0.0000	0.0005	1.0032	0.0001
Concrete/Industrial Saws	0.0062	0.0018	0.0092	0.0000	0.0006	0.9578	0.0002	0.0061	0.0016	0.0088	0.0000	0.0006	0.9578	0.0001
Cranes	0.0054	0.0017	0.0093	0.0000	0.0006	0.8806	0.0002	0.0052	0.0016	0.0088	0.0000	0.0006	0.8806	0.0001
Crawler Tractors	0.0062	0.0019	0.0115	0.0000	0.0007	1.0168	0.0002	0.0059	0.0018	0.0109	0.0000	0.0006	1.0168	0.0002
Crushing/Proc. Equipment	0.0051	0.0017	0.0095	0.0000	0.0006	0.9469	0.0001	0.0050	0.0015	0.0089	0.0000	0.0005	0.9469	0.0001
Dumpers/Tenders	0.0035	0.0011	0.0066	0.0000	0.0004	0.8026	0.0001	0.0034	0.0010	0.0065	0.0000	0.0003	0.8026	0.0001
Excavators	0.0052	0.0015	0.0088	0.0000	0.0005	0.9930	0.0001	0.0051	0.0014	0.0083	0.0000	0.0005	0.9930	0.0001
Forklifts	0.0056	0.0016	0.0086	0.0000	0.0006	0.9363	0.0001	0.0055	0.0015	0.0080	0.0000	0.0005	0.9363	0.0001
Generator Sets	0.0043	0.0012	0.0084	0.0000	0.0004	0.8728	0.0001	0.0041	0.0011	0.0080	0.0000	0.0004	0.8728	0.0001
Graders	0.0061	0.0019	0.0106	0.0000	0.0007	1.0663	0.0002	0.0059	0.0017	0.0100	0.0000	0.0006	1.0663	0.0002
Off-Highway Tractors	0.0097	0.0026	0.0202	0.0000	0.0011	1.5569	0.0002	0.0094	0.0024	0.0193	0.0000	0.0010	1.5569	0.0002
Off-Highway Trucks	0.0053	0.0015	0.0139	0.0000	0.0006	1.5314	0.0001	0.0051	0.0015	0.0129	0.0000	0.0005	1.5314	0.0001
Other Construction Equipment	0.0056	0.0014	0.0081	0.0000	0.0005	0.9552	0.0001	0.0056	0.0013	0.0078	0.0000	0.0005	0.9552	0.0001
Other General Industrial Equipment	0.0044	0.0014	0.0086	0.0000	0.0005	0.8524	0.0001	0.0043	0.0013	0.0081	0.0000	0.0004	0.8524	0.0001
Other Material Handling Equipment	0.0051	0.0017	0.0083	0.0000	0.0006	0.7654	0.0002	0.0049	0.0016	0.0079	0.0000	0.0005	0.7654	0.0001
Pavers	0.0066	0.0021	0.0114	0.0000	0.0007	1.0376	0.0002	0.0064	0.0020	0.0109	0.0000	0.0007	1.0376	0.0002
Paving Equipment	0.0064	0.0021	0.0104	0.0000	0.0007	0.9450	0.0002	0.0063	0.0020	0.0100	0.0000	0.0007	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0061	0.0017	0.0092	0.0000	0.0006	0.9154	0.0002	0.0059	0.0016	0.0089	0.0000	0.0006	0.9154	0.0001
Pumps	0.0043	0.0013	0.0085	0.0000	0.0005	0.8714	0.0001	0.0042	0.0012	0.0080	0.0000	0.0004	0.8714	0.0001
Rollers	0.0052	0.0015	0.0087	0.0000	0.0005	0.9031	0.0001	0.0051	0.0015	0.0083	0.0000	0.0005	0.9031	0.0001
Rough Terrain Forklifts	0.0079	0.0024	0.0125	0.0000	0.0008	1.3085	0.0002	0.0077	0.0022	0.0118	0.0000	0.0008	1.3085	0.0002
Rubber Tired Dozers	0.0062	0.0016	0.0134	0.0000	0.0006	1.0601	0.0001	0.0059	0.0015	0.0127	0.0000	0.0006	1.0601	0.0001
Rubber Tired Loaders	0.0057	0.0017	0.0106	0.0000	0.0006	1.0902	0.0002	0.0056	0.0016	0.0100	0.0000	0.0005	1.0902	0.0001
Scrapers	0.0061	0.0017	0.0132	0.0000	0.0007	1.1666	0.0002	0.0059	0.0016	0.0124	0.0000	0.0007	1.1666	0.0001
Signal Boards	0.0052	0.0015	0.0087	0.0000	0.0005	0.9043	0.0001	0.0051	0.0014	0.0083	0.0000	0.0005	0.9043	0.0001
Skid Steer Loaders	0.0064	0.0018	0.0084	0.0000	0.0006	0.9181	0.0002	0.0062	0.0016	0.0081	0.0000	0.0006	0.9181	0.0001
Surfacing Equipment	0.0047	0.0013	0.0092	0.0000	0.0005	0.9348	0.0001	0.0045	0.0012	0.0086	0.0000	0.0005	0.9348	0.0001
Sweepers/Scrubbers	0.0063	0.0017	0.0094	0.0000	0.0006	1.0488	0.0002	0.0063	0.0016	0.0090	0.0000	0.0005	1.0488	0.0001
Tractors/Loaders/Backhoes	0.0063	0.0018	0.0112	0.0000	0.0006	1.3267	0.0002	0.0062	0.0017	0.0105	0.0000	0.0006	1.3267	0.0002
Trenchers	0.0065	0.0019	0.0114	0.0000	0.0006	1.1150	0.0002	0.0064	0.0018	0.0109	0.0000	0.0006	1.1150	0.0002
Welders	0.0059	0.0019	0.0100	0.0000	0.0007	0.9797	0.0002	0.0058	0.0018	0.0095	0.0000	0.0006	0.9797	0.0002

	2011							2012						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.008263	0.000852	0.000845	0.000011	0.000905	0.000194	1.102352	0.007655	0.000796	0.000776	0.000011	0.000906	0.000195	1.101525
Delivery Vehicle, Gas (>8500 lb)	0.016932	0.002419	0.018934	0.000027	0.001517	0.000735	2.751808	0.015457	0.002238	0.017324	0.000027	0.001465	0.000687	2.766284
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011125	0.002795	0.034558	0.000040	0.002477	0.001583	4.220457	0.010215	0.002528	0.030924	0.000040	0.002311	0.001431	4.215908

LAX Central Utilities Plant (CUP)
South Coast Air Basin (SCAB) Fleet Average I

	2013						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0043	0.0012	0.0072	0.0000	0.0004	0.8790	0.0001
Air Compressors	0.0042	0.6957	0.0073	0.0003	0.0033	0.6774	0.0002
Bore/Drill Rigs	0.0037	0.0006	0.0055	0.0000	0.0002	0.9663	0.0001
Cement and Mortar Mixers	0.0052	0.0014	0.0082	0.0000	0.0004	1.0032	0.0001
Concrete/Industrial Saws	0.0060	0.0015	0.0084	0.0000	0.0005	0.9578	0.0001
Cranes	0.0051	0.0015	0.0083	0.0000	0.0005	0.8806	0.0001
Crawler Tractors	0.0057	0.0017	0.0103	0.0000	0.0006	1.0168	0.0002
Crushing/Proc. Equipment	0.0048	0.0014	0.0083	0.0000	0.0005	0.9469	0.0001
Dumpers/Tenders	0.0034	0.0010	0.0063	0.0000	0.0003	0.8026	0.0001
Excavators	0.0050	0.0013	0.0078	0.0000	0.0004	0.9930	0.0001
Forklifts	0.0054	0.0013	0.0074	0.0000	0.0005	0.9363	0.0001
Generator Sets	0.0040	0.0010	0.0075	0.0000	0.0004	0.8728	0.0001
Graders	0.0058	0.0016	0.0094	0.0000	0.0006	1.0663	0.0001
Off-Highway Tractors	0.0090	0.0023	0.0183	0.0000	0.0010	1.5569	0.0002
Off-Highway Trucks	0.0050	0.0014	0.0119	0.0000	0.0005	1.5314	0.0001
Other Construction Equipment	0.0055	0.0012	0.0074	0.0000	0.0004	0.9552	0.0001
Other General Industrial Equipment	0.0042	0.0012	0.0077	0.0000	0.0004	0.8524	0.0001
Other Material Handling Equipment	0.0048	0.0015	0.0074	0.0000	0.0005	0.7654	0.0001
Pavers	0.0063	0.0019	0.0104	0.0000	0.0007	1.0376	0.0002
Paving Equipment	0.0062	0.0019	0.0096	0.0000	0.0006	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0058	0.0015	0.0085	0.0000	0.0005	0.9154	0.0001
Pumps	0.0041	0.0011	0.0076	0.0000	0.0004	0.8714	0.0001
Rollers	0.0051	0.0014	0.0079	0.0000	0.0005	0.9031	0.0001
Rough Terrain Forklifts	0.0076	0.0020	0.0110	0.0000	0.0007	1.3085	0.0002
Rubber Tired Dozers	0.0057	0.0014	0.0121	0.0000	0.0005	1.0601	0.0001
Rubber Tired Loaders	0.0054	0.0015	0.0095	0.0000	0.0005	1.0902	0.0001
Scrapers	0.0057	0.0015	0.0117	0.0000	0.0006	1.1666	0.0001
Signal Boards	0.0050	0.0013	0.0078	0.0000	0.0005	0.9043	0.0001
Skid Steer Loaders	0.0060	0.0014	0.0077	0.0000	0.0005	0.9181	0.0001
Surfacing Equipment	0.0044	0.0011	0.0081	0.0000	0.0004	0.9348	0.0001
Sweepers/Scrubbers	0.0062	0.0015	0.0085	0.0000	0.0005	1.0488	0.0001
Tractors/Loaders/Backhoes	0.0061	0.0016	0.0098	0.0000	0.0005	1.3267	0.0001
Trenchers	0.0062	0.0018	0.0105	0.0000	0.0006	1.1150	0.0002
Welders	0.0056	0.0017	0.0090	0.0000	0.0006	0.9797	0.0001

	2013						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.007092	0.000746	0.000712	0.000011	0.000906	0.000196	1.100874
Delivery Vehicle, Gas (>8500 lb)	0.014078	0.002063	0.015773	0.000027	0.001415	0.000639	2.781635
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.009318	0.002263	0.027429	0.000041	0.002153	0.001284	4.215186

LAX Central Utilities Plant (CUP)

PM Speciation Profiles

CALIFORNIA EMISSION INVENTORY AND REPORTING SYSTEM (CEIDARS)

9/26/2002

CALIFORNIA EMISSION INVENTORY AND REPORTING SYSTEM (CEIDARS)

-- Particulate Matter (PM) Speciation Profiles --

SUMMARY OF OVERALL SIZE FRACTIONS AND REFERENCE DOCUMENTATION

PM2.5/PM10	PM PROFILE ID	PM_PROFILE_NAME	NEW FORMAT	SOURCE_REF	FRACTION < PM 10	FRACTION < PM 2.5
0.976	116	STAT. I.C. ENGINE-DIESEL	N	KVB	0.960	0.937
1.000	121	RESIDENTIAL-NATURAL GAS	N	KVB	1.000	1.000
0.979	125	PETROLEUM HEATERS-GAS	N	KVB	0.950	0.930
0.375	131	COAL/COKE COMBUSTION	N		0.400	0.150
0.930	132	STAT. I.C. ENGINE-SOLID FUEL	N	KVB	0.997	0.927
0.964	200	EVAPORATION	N	KVB	0.960	0.925
0.674	343	CEMENT PROD./CONCRETE BATCHING	N	KVB	0.920	0.620
0.300	373	ROCK CRUSHERS	N	KVB	0.100	0.030
0.292	374	ROCK SCREENING & HANDLING	N	KVB	0.500	0.146
0.928	400	GASOLINE VEHICLES-CATALYST	N	KVB	0.970	0.900
0.208	420	CONSTRUCTION DUST	Y	OMNI	0.489	0.102
0.920	425	DIESEL VEHICLE EXHAUST	Y	OMNI	1.000	0.920
0.169	471	PAVED ROAD DUST (1997 AND AFTER)	Y	CRPAQS	0.457	0.077

LAX Central Utilities Plant (CUP)
Construction - Equipment Hourly Emissions

	1	2	3	4	5	6	7	8	9	10	11
Equipment Category	Equipment Model	Fuel	Onroad / Offroad	Rating (hp)	Load Factor	Usage Factor	2009 CO (lb/hr)	2009 VOC (lb/hr)	2009 NOx (lb/hr)	2009 SOx (lb/hr)	2009 PM10 (lb/hr)
Sweepers/Scrubbers	Vacuum Sweeper	Diesel	Offroad	83	0.68	0.85	0.32	0.10	0.49	0.00	0.03
Off-Highway Trucks	Water Truck Inc Water	Diesel	Offroad	230	0.41	0.85	0.46	0.14	1.29	0.00	0.05
Tractors/Loaders/Backhoes	CAT 428 Backhoe	Diesel	Offroad	170	0.47	0.85	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	CAT H964 Rubber Tire Loader	Diesel	Offroad	200	0.54	0.85	0.56	0.18	1.07	0.00	0.06
Dumpers/Tenders	14 YD Semi End Dumps	Diesel	Offroad	174	0.38	0.85	0.20	0.07	0.39	0.00	0.02
Other General Industrial Equipment	Light Plants	Diesel	Offroad	450	0.62	0.85	1.12	0.36	2.22	0.00	0.12
Generator Sets	30 KW Generator	Diesel	Offroad	268	0.74	0.85	0.76	0.23	1.55	0.00	0.08
Off-Highway Trucks	Truck / Trailer Low Boy	Diesel	Offroad	210	0.41	0.85	0.42	0.13	1.18	0.00	0.05
Off-Highway Trucks	Ready Mix Truck	Diesel	Offroad	530	0.41	0.85	1.06	0.32	2.97	0.00	0.12
Excavators	CAT330D Excavator	Diesel	Offroad	84	0.58	0.85	0.22	0.07	0.41	0.00	0.03
Cranes	100 T Grove Mobile Crane	Diesel	Offroad	85	0.43	0.85	0.18	0.06	0.32	0.00	0.02
Forklift	Gradall 544D Hi Lift	Diesel	Offroad	125	0.30	0.85	0.19	0.06	0.31	0.00	0.02
Rubber Tired Loaders	JD 210LJ Skiploader	Diesel	Offroad	270	0.54	0.85	0.76	0.24	1.45	0.00	0.08
Bore/Drill Rigs	Hydrolic Caissons Drill Rig	Diesel	Offroad	268	0.75	0.85	0.66	0.15	1.27	0.00	0.06
Cranes	50 Ton Grove Crane	Diesel	Offroad	350	0.43	0.85	0.74	0.25	1.32	0.00	0.09
Excavators	Cat 385C Excavator	Diesel	Offroad	400	0.58	0.85	1.07	0.34	1.95	0.00	0.12
Dumpers/Tenders	10 Yard Dump Trucks	Diesel	Offroad	160	0.38	0.85	0.19	0.06	0.36	0.00	0.02
Crushing/Proc. Equipment	Cat CP76 Compactor	Diesel	Offroad	15	0.78	0.85	0.05	0.02	0.10	0.00	0.01
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	Maint. Vehicle	Diesel	Onroad	450	1.00	0.85	0.16	0.04	0.53	0.00	0.04
Welders	300 AMP Arc Welderc.	Diesel	Offroad	40	0.45	0.85	0.10	0.03	0.17	0.00	0.01
Cement and Mortar Mixers	36M Boom Pumpd.	Diesel	Offroad	350	0.56	0.85	0.98	0.30	1.53	0.00	0.10
Aerial Lifts	Man Basketd.	Diesel	Offroad	600	0.30	0.85	0.75	0.23	1.30	0.00	0.08
Passenger Vehicle, Gas (<8500 lb)	Pickupsc.	Gas	Onroad	450	1.00	0.85	3.70	0.38	0.38	0.00	0.34
Aerial Lifts	Sissor Liftd.	Diesel	Offroad	33	0.30	0.85	0.04	0.01	0.07	0.00	0.00

LAX Central Utilities Plant (CUP)
Construction - Equipment Hourly Emissions

Equipment Category	2009 PM2.5 (lb/hr)	2009 CO2 (lb/hr)	2010 CO (lb/hr)	2010 VOC (lb/hr)	2010 NOx (lb/hr)	2010 SOx (lb/hr)	2010 PM10 (lb/hr)	2010 PM2.5 (lb/hr)	2010 CO2 (lb/hr)	2011 CO (lb/hr)	2011 VOC (lb/hr)	2011 NOx (lb/hr)
	12	13	14	15	16	17	18	19	20	21	22	23
Sweepers/Scrubbers	0.03	50.31	0.31	0.09	0.47	0.00	0.03	0.03	50.31	0.30	0.08	0.45
Off-Highway Trucks	0.05	122.75	0.44	0.13	1.21	0.00	0.05	0.05	122.75	0.42	0.12	1.12
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.06	100.08	0.54	0.17	1.02	0.00	0.06	0.05	100.08	0.53	0.16	0.97
Dumpers/Tenders	0.02	45.11	0.20	0.06	0.38	0.00	0.02	0.02	45.11	0.19	0.06	0.37
Other General Industrial Equipment	0.11	202.15	1.08	0.34	2.13	0.00	0.12	0.11	202.15	1.05	0.32	2.03
Generator Sets	0.08	147.13	0.74	0.21	1.49	0.00	0.08	0.07	147.13	0.72	0.20	1.42
Off-Highway Trucks	0.04	112.07	0.40	0.12	1.10	0.00	0.04	0.04	112.07	0.39	0.11	1.02
Off-Highway Trucks	0.11	282.85	1.02	0.30	2.79	0.00	0.11	0.10	282.85	0.98	0.28	2.57
Excavators	0.02	41.12	0.22	0.07	0.39	0.00	0.02	0.02	41.12	0.21	0.06	0.36
Cranes	0.02	27.36	0.17	0.06	0.31	0.00	0.02	0.02	27.36	0.17	0.05	0.29
Forklift	0.02	29.84	0.18	0.06	0.29	0.00	0.02	0.02	29.84	0.18	0.05	0.27
Rubber Tired Loaders	0.08	135.11	0.73	0.23	1.38	0.00	0.08	0.07	135.11	0.71	0.22	1.31
Bore/Drill Rigs	0.06	165.09	0.65	0.14	1.19	0.00	0.05	0.05	165.09	0.65	0.12	1.10
Cranes	0.08	112.66	0.72	0.24	1.26	0.00	0.08	0.07	112.66	0.69	0.22	1.19
Excavators	0.11	195.82	1.04	0.31	1.84	0.00	0.11	0.10	195.82	1.02	0.29	1.73
Dumpers/Tenders	0.02	41.48	0.18	0.06	0.35	0.00	0.02	0.02	41.48	0.18	0.06	0.34
Crushing/Proc. Equipment	0.01	9.42	0.05	0.02	0.10	0.00	0.01	0.01	9.42	0.05	0.02	0.09
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.02	53.69	0.15	0.04	0.49	0.00	0.03	0.02	53.69	0.14	0.04	0.44
Welders	0.01	14.99	0.09	0.03	0.16	0.00	0.01	0.01	14.99	0.09	0.03	0.15
Cement and Mortar Mixers	0.09	167.13	0.95	0.28	1.47	0.00	0.09	0.09	167.13	0.92	0.27	1.43
Aerial Lifts	0.07	134.49	0.72	0.22	1.25	0.00	0.07	0.07	134.49	0.70	0.20	1.20
Passenger Vehicle, Gas (<8500 lb)	0.07	419.81	3.16	0.35	0.35	0.00	0.35	0.07	419.10	3.16	0.33	0.32
Aerial Lifts	0.00	7.40	0.04	0.01	0.07	0.00	0.00	0.00	7.40	0.04	0.01	0.07

LAX Central Utilities Plant (CUP)
Construction - Equipment Hourly Emissions

	24	25	26	27	28	29	30	31	32	33	34
Equipment Category	2011 SOx (lb/hr)	2011 PM10 (lb/hr)	2011 PM2.5 (lb/hr)	2011 CO2 (lb/hr)	2012 CO (lb/hr)	2012 VOC (lb/hr)	2012 NOx (lb/hr)	2012 SOx (lb/hr)	2012 PM10 (lb/hr)	2012 PM2.5 (lb/hr)	2012 CO2 (lb/hr)
Sweepers/Scrubbers	0.00	0.03	0.03	50.31	0.30	0.08	0.43	0.00	0.03	0.02	50.31
Off-Highway Trucks	0.00	0.05	0.04	122.75	0.41	0.12	1.03	0.00	0.04	0.04	122.75
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.00	0.05	0.05	100.08	0.51	0.15	0.92	0.00	0.05	0.05	100.08
Dumpers/Tenders	0.00	0.02	0.02	45.11	0.19	0.06	0.36	0.00	0.02	0.02	45.11
Other General Industrial Equipment	0.00	0.11	0.10	202.15	1.02	0.31	1.93	0.00	0.10	0.09	202.15
Generator Sets	0.00	0.07	0.07	147.13	0.70	0.19	1.34	0.00	0.07	0.06	147.13
Off-Highway Trucks	0.00	0.04	0.04	112.07	0.37	0.11	0.94	0.00	0.04	0.03	112.07
Off-Highway Trucks	0.00	0.10	0.10	282.85	0.94	0.27	2.38	0.00	0.09	0.09	282.85
Excavators	0.00	0.02	0.02	41.12	0.21	0.06	0.34	0.00	0.02	0.02	41.12
Cranes	0.00	0.02	0.02	27.36	0.16	0.05	0.27	0.00	0.02	0.02	27.36
Forklift	0.00	0.02	0.02	29.84	0.17	0.05	0.25	0.00	0.02	0.02	29.84
Rubber Tired Loaders	0.00	0.07	0.07	135.11	0.69	0.20	1.24	0.00	0.07	0.06	135.11
Bore/Drill Rigs	0.00	0.05	0.04	165.09	0.64	0.12	1.02	0.00	0.04	0.04	165.09
Cranes	0.00	0.08	0.07	112.66	0.67	0.21	1.13	0.00	0.07	0.07	112.66
Excavators	0.00	0.10	0.10	195.82	1.00	0.27	1.63	0.00	0.09	0.09	195.82
Dumpers/Tenders	0.00	0.02	0.02	41.48	0.18	0.05	0.33	0.00	0.02	0.02	41.48
Crushing/Proc. Equipment	0.00	0.01	0.01	9.42	0.05	0.02	0.09	0.00	0.01	0.00	9.42
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.00	0.03	0.02	53.81	0.13	0.03	0.39	0.00	0.03	0.02	53.75
Welders	0.00	0.01	0.01	14.99	0.09	0.03	0.15	0.00	0.01	0.01	14.99
Cement and Mortar Mixers	0.00	0.08	0.08	167.13	0.89	0.25	1.39	0.00	0.08	0.07	167.13
Aerial Lifts	0.00	0.07	0.06	134.49	0.68	0.19	1.15	0.00	0.06	0.06	134.49
Passenger Vehicle, Gas (<8500 lb)	0.00	0.35	0.07	421.65	2.93	0.30	0.30	0.00	0.35	0.07	421.33
Aerial Lifts	0.00	0.00	0.00	7.40	0.04	0.01	0.06	0.00	0.00	0.00	7.40

LAX Central Utilities Plant (CUP)

Construction - Equipment Hourly Emissions

	35	36	37	38	39	40	41
Equipment Category	2013 CO (lb/hr)	2013 VOC (lb/hr)	2013 NOx (lb/hr)	2013 SOx (lb/hr)	2013 PM10 (lb/hr)	2013 PM2.5 (lb/hr)	2013 CO2 (lb/hr)
Sweepers/Scrubbers	0.30	0.07	0.41	0.00	0.02	0.02	50.31
Off-Highway Trucks	0.40	0.11	0.95	0.00	0.04	0.03	122.75
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.50	0.14	0.87	0.00	0.05	0.04	100.08
Dumpers/Tenders	0.19	0.06	0.36	0.00	0.02	0.02	45.11
Other General Industrial Equipment	0.99	0.29	1.82	0.00	0.10	0.09	202.15
Generator Sets	0.68	0.17	1.27	0.00	0.06	0.06	147.13
Off-Highway Trucks	0.36	0.10	0.87	0.00	0.03	0.03	112.07
Off-Highway Trucks	0.92	0.26	2.20	0.00	0.09	0.08	282.85
Excavators	0.21	0.05	0.32	0.00	0.02	0.02	41.12
Cranes	0.16	0.05	0.26	0.00	0.02	0.01	27.36
Forklift	0.17	0.04	0.23	0.00	0.01	0.01	29.84
Rubber Tired Loaders	0.67	0.19	1.17	0.00	0.06	0.06	135.11
Bore/Drill Rigs	0.64	0.11	0.94	0.00	0.04	0.03	165.09
Cranes	0.65	0.19	1.06	0.00	0.07	0.06	112.66
Excavators	0.98	0.26	1.53	0.00	0.09	0.08	195.82
Dumpers/Tenders	0.17	0.05	0.33	0.00	0.02	0.01	41.48
Crushing/Proc. Equipment	0.05	0.01	0.08	0.00	0.00	0.00	9.42
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.12	0.03	0.35	0.00	0.03	0.00	53.74
Welders	0.09	0.03	0.14	0.00	0.01	0.01	14.99
Cement and Mortar Mixers	0.87	0.23	1.36	0.00	0.07	0.06	167.13
Aerial Lifts	0.66	0.18	1.09	0.00	0.06	0.05	134.49
Passenger Vehicle, Gas (<8500 lb)	2.71	0.29	0.27	0.00	0.35	0.08	421.08
Aerial Lifts	0.04	0.01	0.06	0.00	0.00	0.00	7.40

LAX Central Utilities Plant (CUP)

Construction Equipment Hours of Operation

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Equipment	**2009**		**2010**														
	Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**
Vacuum Sweeper	49	186	170	162	186	218	470	961	916	959	916	406	252	383	366	348	339
Water Truck Inc Water	34	130	119	113	130	153	441	1,081	1,031	1,080	1,031	396	176	268	256	244	237
CAT 428 Backhoe	60	228	209	199	228	278	695	1,567	1,565	1,640	1,565	703	425	713	684	651	657
CAT H964 Rubber Tire Loader	36	140	128	122	140	173	492	1,136	1,014	1,063	1,014	340	123	234	218	208	178
14 YD Semi End Dumps	24	93	85	81	93	129	876	2,677	2,508	2,628	2,508	755	93	786	747	711	772
Light Plants	73	280	256	243	280	274	561	1,316	1,358	1,450	1,481	852	705	934	890	848	851
30 KW Generator	73	280	256	243	280	317	674	1,434	1,470	1,568	1,593	907	761	994	944	899	880
Truck / Trailer Low Boy	2	6	6	5	6	6	21	62	64	67	64	30	20	29	28	27	25
Ready Mix Truck	11	44	40	38	44	42	260	879	939	984	939	388	160	263	259	246	283
CAT330D Excavator						26	69	73	69	73	69	70	123	177	163	155	117
100 T Grove Mobile Crane								18	63	66	63	65	64	67	66	63	73
Gradall 544D Hi Lift							147	611	766	840	930	572	440	461	442	421	485
210LJ Skiploader						40	104	109	104	109	104	30					
Hydrolic Caissons Drill Rig							213	781	746	781	746	213					
50 Ton Grove Crane							34	123	118	123	118	34					
Cat 385C Excavator							110	404	386	404	386	110					
10 Yard Dump Trucks							882	3,233	3,086	3,233	3,086	882					
CAT CP76 Compactor							220	808	771	808	771	220					
Maint. Vehicle	49	186	170	162	186	258	746	1,734	1,746	1,885	1,992	1,032	772	1,165	1,100	1,048	1,082
300 AMP Arc Welder																	
36M Boom Pump																	
Man Basket																	
Pickups																	
Sissor Lift																	
Total Equipment Hours	**411**	**1,572**	**1,438**	**1,368**	**1,572**	**1,914**	**7,015**	**19,007**	**18,720**	**19,761**	**19,376**	**8,004**	**4,114**	**6,474**	**6,163**	**5,868**	**5,979**

Source: LAX Program Development Team

LAX Central Utilities Plant (CUP)															
Construction Equipment Hours of Oper															
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Equipment	**2011**														**20**
	Apr-11	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**
Vacuum Sweeper	146	136	137	131	144	137	131	137	137	137	131	134	123		
Water Truck Inc Water	102	95	96	92	101	96	92	96	96	96	92	94	86	0	0
CAT 428 Backhoe	303	162	139	132	145	139	132	139	139	139	132	139	132		
CAT H964 Rubber Tire Loader	101	26	9	8	9	9	8	9	9	9	8	9	8		
14 YD Semi End Dumps	658	134	10	10	11	10	10	10	10	10	10	10	10		
Light Plants	292	255	264	252	276	264	252	264	264	264	252	256	233	0	0
30 KW Generator	287	282	298	284	311	298	284	298	298	298	284	292	270	0	0
Truck / Trailer Low Boy	10	6	5	5	5	5	5	5	5	5	5	5	5		
Ready Mix Truck	123	44	33	31	34	33	31	33	33	33	31	33	31		
CAT330D Excavator	45	9													
100 T Grove Mobile Crane	15	42	51	48	53	51	48	51	51	51	48	49	45		
Gradall 544D Hi Lift	112	519	626	598	655	626	598	626	626	626	630	646	596	35	32
210LJ Skiploader		11	13	12	13	13	12	13	13	13	12	13	12		
Hydrolic Caissons Drill Rig															
50 Ton Grove Crane															
Cat 385C Excavator		4	4	4	4	4	4	4	4	4	4	4	4		
10 Yard Dump Trucks															
CAT CP76 Compactor															
Maint. Vehicle	471	398	399	381	417	399	381	399	399	399	381	383	343		
300 AMP Arc Welder		168	205	196	215	205	196	205	205	205	196	205	196		
36M Boom Pump															
Man Basket											388	406	388	425	388
Pickups												73	76	73	80
Sissor Lift											194	203	194	212	194
Total Equipment Hours	**2,665**	**2,291**	**2,288**	**2,183**	**2,392**	**2,288**	**2,183**	**2,288**	**2,288**	**2,288**	**2,797**	**2,953**	**2,752**	**745**	**694**

LAX Central Utilities Plant (CUP)																	
Construction Equipment Hours of Oper																	
	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Equipment	**12**						**2013**										
	Jul-12	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**
Vacuum Sweeper			119	182	158	150	174	158	166	174	515	448	493	493	291		
Water Truck Inc Water	0	0	83	127	111	105	122	111	116	122	361	314	345	345	204	0	0
CAT 428 Backhoe			89	136	119	113	130	119	124	130	221	192	211	211	125		
CAT H964 Rubber Tire Loader			89	136	119	113	130	119	124	130	110	96	106	106	62		
14 YD Semi End Dumps			119	182	158	150	174	158	166	174	147	128	141	141	83		
Light Plants	0	0	45	68	60	57	65	60	62	65	111	96	106	106	63	0	0
30 KW Generator	0	0	45	68	60	57	65	60	62	65	111	96	106	106	63	0	0
Truck / Trailer Low Boy																	
Ready Mix Truck											294	256	282	282	166		
CAT330D Excavator																	
100 T Grove Mobile Crane																	
Gradall 544D Hi Lift	32	35	95	136	119	113	130	119	124	130	294	256	282	282	166		
210LJ Skiploader																	
Hydrolic Caissons Drill Rig																	
50 Ton Grove Crane			4	6	5	5	5	5	5	5	55	48	53	53	31		
Cat 385C Excavator																	
10 Yard Dump Trucks																	
CAT CP76 Compactor			11	17	15	14	16	15	16	16	28	24	26	26	16		
Maint. Vehicle																	
300 AMP Arc Welder																	
36M Boom Pump											37	32	35	35	21		
Man Basket	388	425	74								662	576	634	634	374	1,280	
Pickups	73	73	80	81	102	89	84	98	89	93	98	166	144	158	158	94	320
Sissor Lift	194	212	37								331	288	317	317	187	640	
Total Equipment Hours	**687**	**745**	**889**	**1,139**	**1,025**	**965**	**1,095**	**1,021**	**1,054**	**1,104**	**3,374**	**3,016**	**3,280**	**3,294**	**2,009**	**2,014**	**320**

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11
Monthly CO Emissions (lbs)			**2009**								**2010**		
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	15.49	58.78	52.72	50.24	57.68	67.61	145.75	298.02	284.07	297.40	284.07
Water Truck Inc Water	Diesel	230	15.79	59.95	52.46	50.00	57.40	67.28	194.43	476.50	454.59	476.19	454.59
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	20.15	78.35	69.35	66.10	75.85	93.73	266.57	615.50	549.40	575.94	549.40
14 YD Semi End Dumps	Diesel	174	4.89	18.97	16.92	16.12	18.51	25.68	174.37	532.85	499.21	523.10	499.21
Light Plants	Diesel	450	81.67	312.70	277.12	263.57	303.15	297.19	608.48	1,427.37	1,472.39	1,572.71	1,605.80
30 KW Generator	Diesel	268	55.77	213.53	189.52	180.25	207.32	235.14	499.95	1,063.69	1,090.39	1,163.08	1,181.63
Truck / Trailer Low Boy	Diesel	210	0.84	2.52	2.42	2.01	2.42	2.42	8.45	24.96	25.76	26.97	25.76
Ready Mix Truck	Diesel	530	11.67	46.68	40.64	38.61	44.70	42.67	264.14	893.00	953.96	999.68	953.96
CAT330D Excavator	Diesel	84	-	-	-	-	-	5.68	15.08	15.95	15.08	15.95	15.08
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	3.13	10.94	11.46	10.94
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	26.73	111.11	139.29	152.75	169.11
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	29.26	76.07	79.73	76.07	79.73	76.07
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	139.37	511.02	488.12	511.02	488.12
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	24.32	87.97	84.39	87.97	84.39
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	114.47	420.40	401.67	420.40	401.67
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	161.43	591.74	564.84	591.74	564.84
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	11.60	42.61	40.66	42.61	40.66
Maint. Vehicle	Diesel	450	8.01	30.41	25.91	24.69	28.35	39.32	113.71	264.30	266.13	287.31	303.62
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-
		lbs/month -->	214.28	821.89	727.06	691.58	795.39	905.97	2,844.91	7,459.84	7,416.94	7,836.02	7,708.91
		lbs/day -->	9.74	37.36	33.05	31.44	36.15	41.18	129.31	339.08	337.13	356.18	350.40
	Peak Daily CO		**356.18**	**lbs/day**									
			Assumes 22 working days per month										

LAX CUP - Onsite Construction Equi	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Monthly CO Emissions (lbs)									**2011**					
	Oct-10	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	125.91	78.15	118.77	111.49	106.01	103.27	44.48	41.43	41.73	39.91	43.87	41.73	39.91	41.73
Water Truck Inc Water	174.37	77.77	118.20	108.59	103.25	100.58	43.32	40.35	40.65	38.87	42.72	40.65	38.87	40.65
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	184.22	66.64	126.78	114.63	109.37	93.59	53.11	13.67	4.73	4.21	4.73	4.73	4.21	4.73
14 YD Semi End Dumps	150.28	18.51	156.45	145.64	138.62	150.51	128.28	26.12	1.95	1.95	2.14	1.95	1.95	1.95
Light Plants	923.56	764.12	1,013.05	932.77	888.73	892.40	305.68	267.41	276.32	263.73	288.90	276.32	263.73	276.32
30 KW Generator	672.41	564.48	736.94	678.44	646.10	632.08	206.26	202.31	213.81	204.11	223.51	213.81	204.11	213.81
Truck / Trailer Low Boy	12.08	8.05	11.67	10.84	10.45	9.67	3.87	2.32	1.93	1.93	1.93	1.93	1.93	1.93
Ready Mix Truck	394.18	162.55	267.19	252.96	240.26	276.40	120.13	42.97	32.23	30.28	33.21	32.23	30.28	32.23
CAT330D Excavator	15.30	26.88	38.68	34.80	33.09	24.98	9.61	1.92	-	-	-	-	-	-
100 T Grove Mobile Crane	11.29	11.12	11.64	11.09	10.59	12.27	2.52	7.06	8.57	8.07	8.91	8.57	8.07	8.57
Gradall 544D Hi Lift	104.01	80.01	83.83	78.51	74.78	86.14	19.89	92.18	111.19	106.21	116.34	111.19	106.21	111.19
JD 210LJ Skiploader	21.94	-	-	-	-	-	-	7.81	9.23	8.52	9.23	9.23	8.52	9.23
Hydrolic Caissons Drill Rig	139.37	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	24.32	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	114.47	-	-	-	-	-	-	4.07	4.07	4.07	4.07	4.07	4.07	4.07
10 Yard Dump Trucks	161.43	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	11.60	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	157.30	117.67	177.57	156.02	148.65	153.47	66.81	56.45	56.59	54.04	59.15	56.59	54.04	56.59
300 AMP Arc Welderc.	-	-	-	-	-	-	-	15.29	18.66	17.84	19.57	18.66	17.84	18.66
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3,398.03	1,975.95	2,860.77	2,635.77	2,509.88	2,535.36	1,003.95	821.37	821.66	783.73	858.28	821.66	783.73	821.66
	154.46	89.82	130.04	119.81	114.09	115.24	45.63	37.33	37.35	35.62	39.01	37.35	35.62	37.35

LAX CUP - Onsite Construction Equi	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Monthly CO Emissions (lbs)							2012								
	Dec-11	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**											
Vacuum Sweeper	41.73	41.10	39.30	40.20	36.90	-	-	-	-	35.70	54.59	47.39	44.99	51.46	46.73
Water Truck Inc Water	40.65	39.27	37.55	38.41	35.26	-	-	-	-	34.11	52.17	45.29	43.00	48.49	44.03
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	4.73	4.60	4.09	4.60	4.09	-	-	-	-	45.51	69.55	60.85	57.79	64.79	59.30
14 YD Semi End Dumps	1.95	1.92	1.92	1.92	1.92	-	-	-	-	22.82	34.91	30.30	28.77	32.95	29.92
Light Plants	276.32	267.84	255.64	259.71	236.84	-	-	-	-	45.23	69.12	60.48	57.43	64.23	58.79
30 KW Generator	213.81	207.54	198.13	203.36	188.01	-	-	-	-	31.04	47.44	41.51	39.42	44.10	40.37
Truck / Trailer Low Boy	1.93	1.87	1.87	1.87	1.87	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	32.23	31.14	29.25	31.14	29.25	-	-	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	8.57	8.30	7.82	7.98	7.33	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	111.19	108.90	109.59	112.37	103.68	6.09	5.57	5.57	6.09	16.53	23.66	20.70	19.66	22.20	20.32
JD 210LJ Skiploader	9.23	8.97	8.28	8.97	8.28	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	2.68	4.02	3.35	3.35	3.25	3.25
Cat 385C Excavator	4.07	3.98	3.98	3.98	3.98	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	0.54	0.84	0.74	0.69	0.77	0.72
Maint. Vehicle	56.59	51.97	49.62	49.88	44.67	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	18.66	18.16	17.36	18.16	17.36	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	263.58	275.81	263.58	288.71	263.58	263.58	288.71	50.27	-	-	-	-	-
Pickupsc.	-	-	-	213.74	222.52	213.74	234.24	213.74	213.74	234.24	237.16	298.65	260.59	227.88	265.85
Sissor Liftd.	-	-	7.25	7.58	7.25	7.92	7.25	7.25	7.92	1.38	-	-	-	-	-
	821.66	795.57	1,035.24	1,279.69	1,212.79	516.46	510.63	490.13	516.46	520.06	593.46	609.27	555.68	560.11	569.29
	37.35	36.16	47.06	58.17	55.13	23.48	23.21	22.28	23.48	23.64	26.98	27.69	25.26	25.46	25.88

LAX CUP - Onsite Construction Equi	41	42	43	44	45	46	47	48	49		
Monthly CO Emissions (lbs)				2013							Project
	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Project CO	CO
Equipment										lbs	tons
Vacuum Sweeper	49.09	51.46	152.30	132.49	145.80	145.80	86.06	-	-	3,833.27	1.92
Water Truck Inc Water	46.26	48.49	143.53	124.85	137.40	137.40	81.10	-	-	4,545.25	2.27
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	61.80	64.79	54.82	47.84	52.83	52.83	30.90	-	-	4,495.38	2.25
14 YD Semi End Dumps	31.43	32.95	27.83	24.24	26.70	26.70	15.72	-	-	3,630.97	1.82
Light Plants	61.26	64.23	109.19	94.86	104.25	104.25	61.76	-	-	18,106.64	9.05
30 KW Generator	42.07	44.10	74.97	65.14	71.58	71.58	42.41	-	-	13,359.00	6.68
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	214.50	0.11
Ready Mix Truck	-	-	269.73	234.86	258.72	258.72	152.29	-	-	7,564.14	3.78
CAT330D Excavator	-	-	-	-	-	-	-	-	-	268.07	0.13
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	204.81	0.10
Gradall 544D Hi Lift	21.18	22.20	50.21	43.72	48.16	48.16	28.35	-	-	2,834.76	1.42
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	544.37	0.27
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	2,277.01	1.14
50 Ton Grove Crane	3.25	3.25	35.78	31.23	34.48	34.48	20.17	-	-	575.92	0.29
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	1,921.54	0.96
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	2,636.03	1.32
Cat CP76 Compactor	0.77	0.77	1.34	1.15	1.25	1.25	0.77	-	-	201.33	0.10
Maint. Vehicle	-	-	-	-	-	-	-	-	-	3,015.45	1.51
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	216.24	0.11
36M Boom Pumpd.	-	-	32.05	27.72	30.32	30.32	18.19	-	-	138.59	0.07
Man Basketd.	-	-	438.93	381.91	420.37	420.37	247.98	848.70	-	4,716.09	2.36
Pickupsc.	241.44	252.29	265.85	450.32	390.64	428.62	428.62	255.00	868.10	6,416.98	3.21
Sissor Liftd.	-	-	12.07	10.50	11.56	11.56	6.82	23.34	-	129.66	0.06
	558.55	584.53	1,668.62	1,670.84	1,734.04	1,772.02	1,221.13	1,127.04	868.10	81,845.98	40.92
	25.39	26.57	75.85	75.95	78.82	80.55	55.51	51.23	39.46	3,720.27	1.86

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11	12
Monthly VOC Emissions (lbs)			**2009**		**2010**									
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	4.72	17.92	15.26	14.54	16.70	19.57	42.20	86.28	82.24	86.10	82.24	36.45
Water Truck Inc Water	Diesel	230	4.70	17.84	15.49	14.77	16.95	19.87	57.42	140.73	134.26	140.64	134.26	51.50
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	6.53	25.39	21.86	20.83	23.91	29.54	84.02	194.00	173.16	181.53	173.16	58.06
14 YD Semi End Dumps	Diesel	174	1.61	6.25	5.44	5.18	5.95	8.25	56.05	171.28	160.47	168.15	160.47	48.31
Light Plants	Diesel	450	26.25	100.50	87.75	83.46	95.99	94.11	192.68	451.98	466.23	498.00	508.48	292.45
30 KW Generator	Diesel	268	16.49	63.15	54.46	51.80	59.58	67.57	143.66	305.66	313.33	334.22	339.55	193.22
Truck / Trailer Low Boy	Diesel	210	0.25	0.75	0.71	0.59	0.71	0.71	2.50	7.37	7.61	7.97	7.61	3.57
Ready Mix Truck	Diesel	530	3.47	13.89	12.00	11.40	13.20	12.60	78.01	263.74	281.74	295.25	281.74	116.42
CAT330D Excavator	Diesel	84	-	-	-	-	-	1.72	4.56	4.82	4.56	4.82	4.56	4.63
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	1.04	3.62	3.80	3.62	3.74
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	8.40	34.92	43.78	48.01	53.15	32.69
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	9.22	23.98	25.13	23.98	25.13	23.98	6.92
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	29.26	107.28	102.48	107.28	102.48	29.26
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	8.05	29.12	27.94	29.12	27.94	8.05
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	34.62	127.15	121.49	127.15	121.49	34.62
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	51.89	190.21	181.56	190.21	181.56	51.89
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	3.88	14.24	13.59	14.24	13.59	3.88
Maint. Vehicle	Diesel	450	2.06	7.81	6.59	6.28	7.21	10.01	28.93	67.24	67.71	73.10	77.25	40.02
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-
		lbs/month -->	66.09	253.52	219.57	208.86	240.21	273.17	850.10	2,222.20	2,209.74	2,334.71	2,297.12	1,015.66
		lbs/day -->	3.00	11.52	9.98	9.49	10.92	12.42	38.64	101.01	100.44	106.12	104.41	46.17
	Peak Daily VOC		**106.12**	**lbs/day**										
			Assumes 22 working days per month											

LAX CUP - Onsite Construction Equi	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Monthly VOC Emissions (lbs)								2011								
	Nov-10	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	22.62	34.39	30.51	29.01	28.26	12.17	11.34	11.42	10.92	12.01	11.42	10.92	11.42	11.42	10.59	10.13
Water Truck Inc Water	22.97	34.91	31.59	30.03	29.26	12.60	11.74	11.82	11.31	12.43	11.82	11.31	11.82	11.82	11.20	10.71
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	21.00	39.96	34.96	33.36	28.55	16.20	4.17	1.44	1.28	1.44	1.44	1.28	1.44	1.44	1.35	1.20
14 YD Semi End Dumps	5.95	50.29	45.72	43.51	47.25	40.27	8.20	0.61	0.61	0.67	0.61	0.61	0.61	0.61	0.59	0.59
Light Plants	241.96	320.78	288.72	275.09	276.22	94.62	82.77	85.53	81.63	89.42	85.53	81.63	85.53	85.53	80.43	76.77
30 KW Generator	162.21	211.77	188.64	179.65	175.75	57.35	56.25	59.45	56.75	62.15	59.45	56.75	59.45	59.45	55.48	52.96
Truck / Trailer Low Boy	2.38	3.45	3.15	3.04	2.81	1.13	0.68	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.53	0.53
Ready Mix Truck	48.01	78.91	73.58	69.89	80.40	34.94	12.50	9.38	8.81	9.66	9.38	8.81	9.38	9.38	8.88	8.35
CAT330D Excavator	8.13	11.70	10.03	9.54	7.20	2.77	0.55	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	3.68	3.85	3.56	3.39	3.93	0.81	2.26	2.75	2.59	2.86	2.75	2.59	2.75	2.75	2.57	2.42
Gradall 544D Hi Lift	25.15	26.35	22.86	21.78	25.09	5.79	26.85	32.38	30.93	33.88	32.38	30.93	32.38	32.38	29.14	29.32
JD 210LJ Skiploader	-	-	-	-	-	-	2.38	2.81	2.60	2.81	2.81	2.60	2.81	2.81	2.64	2.44
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.09	1.09
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	29.94	45.18	39.21	37.35	38.56	16.79	14.19	14.22	13.58	14.86	14.22	13.58	14.22	14.22	12.86	12.28
300 AMP Arc Welderc.	-	-	-	-	-	-	4.93	6.02	5.76	6.31	6.02	5.76	6.02	6.02	5.61	5.37
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73.58
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.02
	594.00	861.53	772.53	735.65	743.29	295.44	239.98	239.58	228.51	250.25	239.58	228.51	239.58	239.58	222.97	289.76
	27.00	39.16	35.12	33.44	33.79	13.43	10.91	10.89	10.39	11.37	10.89	10.39	10.89	10.89	10.13	13.17

LAX CUP - Onsite Construction Equi	29	30														
Monthly VOC Emissions (lbs)	2012										2013					
	Mar-12	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	10.36	9.51	-	-	-	-	9.20	14.07	12.21	11.59	12.42	11.28	11.85	12.42	36.77	31.99
Water Truck Inc Water	10.96	10.06	-	-	-	-	9.73	14.88	12.92	12.27	13.52	12.27	12.89	13.52	40.00	34.80
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1.35	1.20	-	-	-	-	13.39	20.46	17.90	17.00	18.35	16.80	17.50	18.35	15.53	13.55
14 YD Semi End Dumps	0.59	0.59	-	-	-	-	7.01	10.73	9.31	8.84	9.94	9.02	9.48	9.94	8.40	7.31
Light Plants	77.99	71.12	-	-	-	-	13.58	20.76	18.16	17.25	18.61	17.04	17.75	18.61	31.64	27.49
30 KW Generator	54.36	50.26	-	-	-	-	8.30	12.68	11.10	10.54	11.27	10.32	10.75	11.27	19.16	16.65
Truck / Trailer Low Boy	0.53	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	8.88	8.35	-	-	-	-	-	-	-	-	-	-	-	-	75.17	65.46
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	2.47	2.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	30.07	27.74	1.63	1.49	1.49	1.63	4.42	6.33	5.54	5.26	5.43	4.97	5.18	5.43	12.29	10.70
JD 210LJ Skiploader	2.64	2.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	0.83	1.24	1.04	1.04	0.97	0.97	0.97	0.97	10.65	9.29
Cat 385C Excavator	1.09	1.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	0.17	0.26	0.23	0.21	0.22	0.21	0.22	0.22	0.39	0.34
Maint. Vehicle	12.34	11.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	5.61	5.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.68	7.51
Man Basketd.	77.00	73.58	80.60	73.58	73.58	80.60	14.03	-	-	-	-	-	-	-	117.76	102.46
Pickupsc.	22.23	23.15	22.23	24.37	22.23	22.23	24.37	24.67	31.07	27.11	23.96	27.95	25.38	26.53	27.95	47.35
Sissor Liftd.	2.12	2.02	2.21	2.02	2.02	2.21	0.39	-	-	-	-	-	-	-	3.24	2.82
	320.60	300.33	106.68	101.46	99.33	106.68	105.42	126.08	119.48	111.10	114.69	110.83	111.99	117.26	407.63	377.70
	14.57	13.65	4.85	4.61	4.52	4.85	4.79	5.73	5.43	5.05	5.21	5.04	5.09	5.33	18.53	17.17

LAX CUP - Onsite Construction Equi							
Monthly VOC Emissions (lbs)						Project	Project
	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	VOC	VOC
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**
Vacuum Sweeper	35.20	35.20	20.78	-	-	1,047.64	0.52
Water Truck Inc Water	38.29	38.29	22.60	-	-	1,322.77	0.66
CAT 428 Backhoe	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	14.96	14.96	8.75	-	-	1,392.59	0.70
14 YD Semi End Dumps	8.05	8.05	4.74	-	-	1,156.13	0.58
Light Plants	30.21	30.21	17.90	-	-	5,658.38	2.83
30 KW Generator	18.29	18.29	10.84	-	-	3,770.29	1.89
Truck / Trailer Low Boy	-	-	-	-	-	63.06	0.03
Ready Mix Truck	72.11	72.11	42.45	-	-	2,208.23	1.10
CAT330D Excavator	-	-	-	-	-	79.60	0.04
100 T Grove Mobile Crane	-	-	-	-	-	66.04	0.03
Gradall 544D Hi Lift	11.78	11.78	6.94	-	-	818.67	0.41
JD 210LJ Skiploader	-	-	-	-	-	170.13	0.09
Hydrolic Caissons Drill Rig	-	-	-	-	-	478.04	0.24
50 Ton Grove Crane	10.26	10.26	6.00	-	-	184.71	0.09
Cat 385C Excavator	-	-	-	-	-	580.27	0.29
10 Yard Dump Trucks	-	-	-	-	-	847.33	0.42
Cat CP76 Compactor	0.36	0.36	0.22	-	-	66.84	0.03
Maint. Vehicle	-	-	-	-	-	762.87	0.38
300 AMP Arc Welderc.	-	-	-	-	-	68.81	0.03
36M Boom Pumpd.	8.21	8.21	4.93	-	-	37.55	0.02
Man Basketd.	112.78	112.78	66.53	227.69	-	1,286.57	0.64
Pickupsc.	41.07	45.06	45.06	26.81	91.27	672.06	0.34
Sissor Liftd.	3.10	3.10	1.83	6.26	-	35.37	0.02
	404.70	408.69	259.57	260.76	91.27	22,773.92	11.39
	18.40	18.58	11.80	11.85	4.15	1,035.18	0.52

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10
Monthly NOX Emissions (lbs)			**2009**							**2010**		
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	24.15	91.68	80.14	76.37	87.69	102.77	221.57	453.04	431.83	452.10
Water Truck Inc Water	Diesel	230	44.19	167.74	143.82	137.06	157.36	184.43	532.99	1,306.26	1,246.19	1,305.41
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	38.63	150.23	131.18	125.03	143.48	177.30	504.22	1,164.21	1,039.18	1,089.40
14 YD Semi End Dumps	Diesel	174	9.40	36.41	32.41	30.89	35.46	49.19	334.03	1,020.79	956.35	1,002.10
Light Plants	Diesel	450	161.87	619.78	545.41	518.72	596.64	584.90	1,197.55	2,809.21	2,897.80	3,095.26
30 KW Generator	Diesel	268	113.09	433.01	380.11	361.51	415.82	471.61	1,002.72	2,133.38	2,186.94	2,332.73
Truck / Trailer Low Boy	Diesel	210	2.35	7.06	6.62	5.52	6.62	6.62	23.17	68.42	70.62	73.93
Ready Mix Truck	Diesel	530	32.66	130.62	111.40	105.83	122.54	116.97	724.11	2,448.05	2,615.15	2,740.48
CAT330D Excavator	Diesel	84	-	-	-	-	-	10.06	26.69	28.24	26.69	28.24
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	5.51	19.28	20.20
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	43.07	179.02	224.43	246.11
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	55.34	143.89	150.80	143.89	150.80
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	254.22	932.15	890.38	932.15
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	42.84	154.98	148.68	154.98
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	202.61	744.15	710.99	744.15
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	309.26	1,133.61	1,082.07	1,133.61
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	22.00	80.82	77.12	80.82
Maint. Vehicle	Diesel	450	26.14	99.24	82.84	78.95	90.64	125.73	363.54	845.01	850.86	918.59
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		452.5	1,735.8	1,513.9	1,439.9	1,656.2	1,884.9	5,948.5	15,657.6	15,618.4	16,501.1
	lbs/day -->		20.6	78.9	68.8	65.4	75.3	85.7	270.4	711.7	709.9	750.0
	Peak Daily NOX		**750**	**lbs/day**								
			Assumes 22 working days per month									

LAX CUP - Onsite Construction Equi	11	12	13	14	15	16	17	18	19	20	21	22	23
Monthly NOX Emissions (lbs)										2011			
	Sep-10	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	431.83	191.40	118.80	180.56	164.98	156.87	152.81	65.81	61.30	61.76	59.05	64.91	61.76
Water Truck Inc Water	1,246.19	478.00	213.20	324.03	286.09	272.02	264.98	114.12	106.31	107.09	102.40	112.56	107.09
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1,039.18	348.44	126.05	239.81	211.70	201.99	172.86	98.08	25.25	8.74	7.77	8.74	8.74
14 YD Semi End Dumps	956.35	287.90	35.46	299.72	277.86	264.47	287.16	244.76	49.84	3.72	3.72	4.09	3.72
Light Plants	3,160.37	1,817.66	1,503.87	1,993.77	1,808.20	1,722.82	1,729.94	592.57	518.37	535.65	511.26	560.05	535.65
30 KW Generator	2,369.93	1,348.61	1,132.15	1,478.04	1,336.95	1,273.22	1,245.60	406.47	398.68	421.34	402.22	440.46	421.34
Truck / Trailer Low Boy	70.62	33.11	22.07	32.00	28.55	27.53	25.49	10.20	6.12	5.10	5.10	5.10	5.10
Ready Mix Truck	2,615.15	1,080.60	445.61	732.47	666.45	633.00	728.21	316.50	113.22	84.92	79.77	87.49	84.92
CAT330D Excavator	26.69	27.08	47.58	68.47	59.33	56.42	42.59	16.38	3.28	-	-	-	-
100 T Grove Mobile Crane	19.28	19.89	19.58	20.50	19.12	18.25	21.14	4.34	12.16	14.77	13.90	15.35	14.77
Gradall 544D Hi Lift	272.48	167.59	128.91	135.07	120.83	115.09	132.59	30.62	141.88	171.14	163.48	179.06	171.14
JD 210LJ Skiploader	143.89	41.51	-	-	-	-	-	-	14.42	17.04	15.73	17.04	17.04
Hydrolic Caissons Drill Rig	890.38	254.22	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	148.68	42.84	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	710.99	202.61	-	-	-	-	-	-	6.93	6.93	6.93	6.93	6.93
10 Yard Dump Trucks	1,082.07	309.26	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	77.12	22.00	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	970.74	502.91	376.21	567.73	484.68	461.77	476.75	207.53	175.37	175.81	167.87	183.74	175.81
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	25.77	31.44	30.06	32.97	31.44
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-
	16,231.9	7,175.6	4,169.5	6,072.2	5,464.8	5,203.5	5,280.1	2,107.4	1,658.9	1,645.4	1,569.3	1,718.5	1,645.4
	737.8	326.2	189.5	276.0	248.4	236.5	240.0	95.8	75.4	74.8	71.3	78.1	74.8

LAX CUP - Onsite Construction Equi	24	25	26	27	28	29	30								
Monthly NOX Emissions (lbs)									2012						
	Oct-11	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**						
Vacuum Sweeper	59.05	61.76	61.76	59.01	56.42	57.71	52.98	-	-	-	-	51.25	78.39	68.05	64.61
Water Truck Inc Water	102.40	107.09	107.09	98.90	94.57	96.74	88.79	-	-	-	-	85.91	131.39	114.06	108.29
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	7.77	8.74	8.74	8.28	7.36	8.28	7.36	-	-	-	-	81.90	125.15	109.51	103.99
14 YD Semi End Dumps	3.72	3.72	3.72	3.63	3.63	3.63	3.63	-	-	-	-	43.22	66.10	57.39	54.48
Light Plants	511.26	535.65	535.65	508.08	484.94	492.65	449.27	-	-	-	-	85.80	131.12	114.73	108.94
30 KW Generator	402.22	421.34	421.34	399.23	381.12	391.18	361.66	-	-	-	-	59.72	91.25	79.85	75.82
Truck / Trailer Low Boy	5.10	5.10	5.10	4.71	4.71	4.71	4.71	-	-	-	-	-	-	-	-
Ready Mix Truck	79.77	84.92	84.92	78.42	73.67	78.42	73.67	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	13.90	14.77	14.77	13.96	13.14	13.41	12.32	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	163.48	171.14	171.14	159.03	160.05	164.11	151.41	8.89	8.13	8.13	8.89	24.13	34.55	30.23	28.71
JD 210LJ Skiploader	15.73	17.04	17.04	16.15	14.91	16.15	14.91	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	4.51	6.76	5.64	5.64
Cat 385C Excavator	6.93	6.93	6.93	6.53	6.53	6.53	6.53	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	0.97	1.50	1.33	1.24
Maint. Vehicle	167.87	175.81	175.81	157.32	150.22	151.01	135.24	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	30.06	31.44	31.44	29.93	28.62	29.93	28.62	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	444.77	465.40	444.77	487.18	444.77	444.77	487.18	84.83	-	-	-
Pickupsc.	-	-	-	-	-	21.66	22.55	21.66	23.74	21.66	21.66	23.74	24.04	30.27	26.41
Sissor Liftd.	-	-	-	-	12.23	12.80	12.23	13.37	12.23	12.23	13.37	2.33	-	-	-
	1,569.3	1,645.4	1,645.4	1,543.2	1,936.9	2,014.3	1,870.6	531.1	488.9	486.8	531.1	548.3	690.3	611.0	578.1
	71.3	74.8	74.8	70.1	88.0	91.6	85.0	24.1	22.2	22.1	24.1	24.9	31.4	27.8	26.3

LAX CUP - Onsite Construction Equi													
Monthly NOX Emissions (lbs)	2013												Project
	Jan-13	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Project Nox**	**Nox**
Equipment												**lbs**	**tons**
Vacuum Sweeper	71.28	64.72	68.00	71.28	210.97	183.52	201.96	201.96	119.21	-	-	5,657.04	2.83
Water Truck Inc Water	116.12	105.44	110.78	116.12	343.69	298.98	329.01	329.01	194.20	-	-	12,038.11	6.02
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	113.03	103.47	107.82	113.03	95.64	83.47	92.17	92.17	53.91	-	-	8,392.00	4.20
14 YD Semi End Dumps	61.84	56.15	59.00	61.84	52.24	45.49	50.11	50.11	29.50	-	-	6,938.98	3.47
Light Plants	118.49	108.46	113.02	118.49	201.43	175.00	192.32	192.32	113.93	-	-	35,308.88	17.65
30 KW Generator	82.32	75.35	78.52	82.32	139.94	121.57	133.60	133.60	79.15	-	-	26,517.02	13.26
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	581.14	0.29
Ready Mix Truck	-	-	-	-	645.89	562.41	619.53	619.53	364.69	-	-	20,181.97	10.09
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	467.72	0.23
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	354.32	0.18
Gradall 544D Hi Lift	30.53	27.95	29.12	30.53	69.05	60.12	66.23	66.23	38.99	-	-	4,333.28	2.17
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	1,023.33	0.51
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	4,153.50	2.08
50 Ton Grove Crane	5.30	5.30	5.30	5.30	58.35	50.92	56.23	56.23	32.89	-	-	991.38	0.50
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	3,397.09	1.70
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	5,049.88	2.52
Cat CP76 Compactor	1.32	1.24	1.32	1.32	2.31	1.98	2.15	2.15	1.32	-	-	380.03	0.19
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	9,521.70	4.76
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	361.72	0.18
36M Boom Pumpd.	-	-	-	-	50.47	43.65	47.74	47.74	28.65	-	-	218.25	0.11
Man Basketd.	-	-	-	-	724.29	630.20	693.66	693.66	409.19	1,400.45	-	7,855.13	3.93
Pickupsc.	22.86	26.67	24.22	25.31	26.67	45.18	39.19	43.00	43.00	25.58	87.10	646.21	0.32
Sissor Liftd.	-	-	-	-	19.92	17.33	19.08	19.08	11.25	38.51	-	215.95	0.11
	623.1	574.8	597.1	625.5	2,640.9	2,319.8	2,543.0	2,546.8	1,519.9	1,464.5	87.1	154,584.63	77.29
	28.3	26.1	27.1	28.4	120.0	105.4	115.6	115.8	69.1	66.6	4.0	7,026.57	3.51

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Monthly SOX Emissions (lbs)			**2009**		**2010**													
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	0.03	0.12	0.11	0.10	0.12	0.14	0.30	0.61	0.58	0.61	0.58	0.26	0.16	0.24	0.23	0.22
Water Truck Inc Water	Diesel	230	0.04	0.17	0.15	0.15	0.17	0.20	0.57	1.40	1.33	1.40	1.33	0.51	0.23	0.35	0.33	0.32
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	0.04	0.16	0.14	0.14	0.16	0.20	0.55	1.28	1.14	1.20	1.14	0.38	0.14	0.26	0.25	0.23
14 YD Semi End Dumps	Diesel	174	0.01	0.05	0.05	0.05	0.05	0.07	0.50	1.53	1.44	1.50	1.44	0.43	0.05	0.45	0.43	0.41
Light Plants	Diesel	450	0.17	0.65	0.60	0.57	0.65	0.64	1.31	3.08	3.18	3.39	3.47	1.99	1.65	2.19	2.08	1.98
30 KW Generator	Diesel	268	0.13	0.49	0.44	0.42	0.49	0.55	1.17	2.49	2.56	2.73	2.77	1.58	1.32	1.73	1.64	1.56
Truck / Trailer Low Boy	Diesel	210	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.07	0.08	0.08	0.08	0.04	0.02	0.03	0.03	0.03
Ready Mix Truck	Diesel	530	0.03	0.13	0.12	0.11	0.13	0.13	0.78	2.62	2.80	2.93	2.80	1.16	0.48	0.78	0.77	0.73
CAT330D Excavator	Diesel	84	-	-	-	-	-	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.08	0.08	0.07
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	0.05	0.21	0.26	0.29	0.32	0.20	0.15	0.16	0.15	0.14
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	0.06	0.16	0.17	0.16	0.17	0.16	0.05	-	-	-	-
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	0.41	1.50	1.43	1.50	1.43	0.41	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	0.04	0.16	0.15	0.16	0.15	0.04	-	-	-	-
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	0.25	0.91	0.87	0.91	0.87	0.25	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	0.46	1.70	1.62	1.70	1.62	0.46	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	0.02	0.09	0.08	0.09	0.08	0.02	-	-	-	-
Maint. Vehicle	Diesel	450	0.03	0.10	0.09	0.09	0.10	0.14	0.39	0.91	0.92	0.99	1.05	0.54	0.41	0.61	0.56	0.53
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		0.49	1.87	1.71	1.63	1.87	2.14	7.03	18.76	18.64	19.69	19.33	8.37	4.69	6.91	6.57	6.26
	lbs/day -->		0.02	0.09	0.08	0.07	0.09	0.10	0.32	0.85	0.85	0.89	0.88	0.38	0.21	0.31	0.30	0.28
	Peak Daily SOX		**0.89**	**lbs/day**														
			Assumes 22 working days per month															

LAX CUP - Onsite Construction Equi	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
Monthly SOX Emissions (lbs)	2011										2012							
	Mar-11	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	0.22	0.09	0.09	0.09	0.08	0.09	0.09	0.08	0.09	0.09	0.09	0.08	0.09	0.08	-	-	-	-
Water Truck Inc Water	0.31	0.13	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	-	-	-	-
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.20	0.11	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
14 YD Semi End Dumps	0.44	0.38	0.08	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
Light Plants	1.99	0.68	0.60	0.62	0.59	0.64	0.62	0.59	0.62	0.62	0.62	0.59	0.60	0.55	-	-	-	-
30 KW Generator	1.53	0.50	0.49	0.52	0.49	0.54	0.52	0.49	0.52	0.52	0.52	0.49	0.51	0.47	-	-	-	-
Truck / Trailer Low Boy	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
Ready Mix Truck	0.84	0.37	0.13	0.10	0.09	0.10	0.10	0.09	0.10	0.10	0.10	0.09	0.10	0.09	-	-	-	-
CAT330D Excavator	0.06	0.02	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.02	0.00	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01	-	-	-	-
Gradall 544D Hi Lift	0.17	0.04	0.18	0.21	0.20	0.22	0.21	0.20	0.21	0.21	0.21	0.22	0.22	0.20	0.01	0.01	0.01	0.01
JD 210LJ Skiploader	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	0.55	0.24	0.20	0.20	0.19	0.21	0.20	0.19	0.20	0.20	0.21	0.20	0.20	0.18	-	-	-	-
300 AMP Arc Welderc.	-	-	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	0.64	0.67	0.64	0.70	0.64	0.64	0.70
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	0.30	0.31	0.30	0.33	0.30	0.30
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	6.35	2.58	1.99	1.96	1.87	2.05	1.96	1.87	1.96	1.96	1.97	2.55	2.92	2.74	1.03	1.00	0.97	1.03
	0.29	0.12	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.12	0.13	0.12	0.05	0.05	0.04	0.05

LAX CUP - Onsite Construction Equi																	
Monthly SOX Emissions (lbs)					2013											Project	Project
	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Sox	Sox
Equipment	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs	tons
Vacuum Sweeper	0.08	0.12	0.10	0.10	0.11	0.10	0.11	0.11	0.33	0.28	0.31	0.31	0.18	-	-	7.99	0.00
Water Truck Inc Water	0.11	0.16	0.14	0.14	0.16	0.14	0.15	0.16	0.47	0.41	0.45	0.45	0.26	-	-	13.74	0.01
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.10	0.15	0.13	0.13	0.15	0.13	0.14	0.15	0.12	0.11	0.12	0.12	0.07	-	-	9.50	0.00
14 YD Semi End Dumps	0.07	0.10	0.09	0.09	0.10	0.09	0.10	0.10	0.08	0.07	0.08	0.08	0.05	-	-	10.52	0.01
Light Plants	0.10	0.16	0.14	0.13	0.15	0.14	0.15	0.15	0.26	0.22	0.25	0.25	0.15	-	-	39.77	0.02
30 KW Generator	0.08	0.12	0.10	0.10	0.11	0.10	0.11	0.11	0.19	0.17	0.18	0.18	0.11	-	-	31.85	0.02
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64	0.00
Ready Mix Truck	-	-	-	-	-	-	-	-	0.88	0.76	0.84	0.84	0.49	-	-	22.72	0.01
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58	0.00
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37	0.00
Gradall 544D Hi Lift	0.03	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.10	0.09	0.10	0.10	0.06	-	-	5.47	0.00
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14	0.00
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.66	0.00
50 Ton Grove Crane	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07	0.06	0.07	0.07	0.04	-	-	1.05	0.00
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.14	0.00
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.58	0.00
Cat CP76 Compactor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	0.40	0.00
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.62	0.01
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44	0.00
36M Boom Pumpd.	-	-	-	-	-	-	-	-	0.09	0.07	0.08	0.08	0.05	-	-	0.37	0.00
Man Basketd.	0.12	-	-	-	-	-	-	-	1.09	0.95	1.05	1.05	0.62	2.11	-	11.62	0.01
Pickupsc.	0.33	0.33	0.42	0.37	0.34	0.40	0.36	0.38	0.40	0.68	0.59	0.65	0.65	0.39	1.31	9.44	0.00
Sissor Liftd.	0.00	-	-	-	-	-	-	-	0.03	0.03	0.03	0.03	0.02	0.06	-	0.32	0.00
	1.03	1.20	1.18	1.09	1.18	1.16	1.16	1.21	4.11	3.91	4.14	4.20	2.74	2.55	1.31	196.93	0.10
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.19	0.18	0.19	0.19	0.12	0.12	0.06	8.95	0.00

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11	12
Monthly PM10 Emissions (lbs)			**2009**		**2010**									
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	1.62	6.17	5.23	4.98	5.72	6.70	14.45	29.54	28.16	29.48	28.16	12.48
Water Truck Inc Water	Diesel	230	1.79	6.79	5.85	5.58	6.40	7.51	21.69	53.17	50.72	53.13	50.72	19.46
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	2.23	8.68	7.46	7.11	8.16	10.08	28.66	66.18	59.07	61.93	59.07	19.81
14 YD Semi End Dumps	Diesel	174	0.56	2.17	1.83	1.74	2.00	2.78	18.87	57.67	54.03	56.61	54.03	16.26
Light Plants	Diesel	450	9.08	34.77	30.01	28.54	32.83	32.19	65.90	154.59	159.46	170.33	173.91	100.02
30 KW Generator	Diesel	268	6.07	23.23	20.23	19.24	22.13	25.10	53.37	113.55	116.40	124.16	126.14	71.78
Truck / Trailer Low Boy	Diesel	210	0.10	0.29	0.27	0.22	0.27	0.27	0.94	2.78	2.87	3.01	2.87	1.35
Ready Mix Truck	Diesel	530	1.32	5.29	4.53	4.31	4.99	4.76	29.47	99.64	106.44	111.54	106.44	43.98
CAT330D Excavator	Diesel	84	-	-	-	-	-	0.61	1.63	1.73	1.63	1.73	1.63	1.66
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	0.35	1.24	1.30	1.24	1.28
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	2.99	12.41	15.55	17.06	18.88	11.62
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	3.15	8.18	8.57	8.18	8.57	8.18	2.36
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	11.62	42.61	40.70	42.61	40.70	11.62
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	2.75	9.96	9.55	9.96	9.55	2.75
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	12.39	45.51	43.48	45.51	43.48	12.39
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	17.47	64.04	61.13	64.04	61.13	17.47
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	1.33	4.89	4.67	4.89	4.67	1.33
Maint. Vehicle	Diesel	450	1.76	6.67	5.74	5.47	6.28	8.71	25.17	58.51	58.91	63.60	67.21	34.82
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		24.53	94.04	81.15	77.20	88.78	101.85	316.90	825.70	822.21	869.47	858.03	382.44
	lbs/day -->		1.11	4.27	3.69	3.51	4.04	4.63	14.40	37.53	37.37	39.52	39.00	17.38
	Peak Daily PM10		**39.52**	**lbs/day**										
			Assumes 22 working days per month											

LAX CUP - Onsite Construction Equip	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Monthly PM10 Emissions (lbs)								2011								
	Nov-10	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	7.75	11.77	10.46	9.94	9.69	4.17	3.89	3.91	3.74	4.11	3.91	3.74	3.91	3.91	3.59	3.43
Water Truck Inc Water	8.68	13.19	11.62	11.05	10.77	4.64	4.32	4.35	4.16	4.57	4.35	4.16	4.35	4.35	3.95	3.78
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	7.17	13.63	11.83	11.29	9.66	5.48	1.41	0.49	0.43	0.49	0.49	0.43	0.49	0.49	0.45	0.40
14 YD Semi End Dumps	2.00	16.93	14.91	14.19	15.41	13.13	2.67	0.20	0.20	0.22	0.20	0.20	0.20	0.20	0.18	0.18
Light Plants	82.76	109.72	97.82	93.20	93.58	32.06	28.04	28.98	27.66	30.30	28.98	27.66	28.98	28.98	27.07	25.84
30 KW Generator	60.26	78.67	70.52	67.16	65.70	21.44	21.03	22.22	21.22	23.23	22.22	21.22	22.22	22.22	20.75	19.81
Truck / Trailer Low Boy	0.90	1.30	1.16	1.12	1.04	0.41	0.25	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.19	0.19
Ready Mix Truck	18.14	29.81	27.08	25.72	29.59	12.86	4.60	3.45	3.24	3.55	3.45	3.24	3.45	3.45	3.13	2.94
CAT330D Excavator	2.91	4.19	3.54	3.37	2.54	0.98	0.20	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	1.26	1.32	1.22	1.16	1.35	0.28	0.78	0.94	0.89	0.98	0.94	0.89	0.94	0.94	0.88	0.83
Gradall 544D Hi Lift	8.93	9.36	8.23	7.84	9.03	2.09	9.66	11.65	11.13	12.19	11.65	11.13	11.65	11.65	10.48	10.55
JD 210LJ Skiploader	-	-	-	-	-	-	0.81	0.95	0.88	0.95	0.95	0.88	0.95	0.95	0.88	0.81
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.38	0.38
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	26.05	39.31	34.73	33.09	34.17	14.87	12.57	12.60	12.03	13.17	12.60	12.03	12.60	12.60	11.76	11.23
300 AMP Arc Welderc.	-	-	-	-	-	-	1.69	2.06	1.97	2.16	2.06	1.97	2.06	2.06	1.93	1.84
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.36
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67
	226.80	329.20	293.12	279.13	282.51	112.40	92.32	92.44	88.17	96.56	92.44	88.17	92.44	92.44	85.62	107.25
	10.31	14.96	13.32	12.69	12.84	5.11	4.20	4.20	4.01	4.39	4.20	4.01	4.20	4.20	3.89	4.87

LAX CUP - Onsite Construction Equip	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Monthly PM10 Emissions (lbs)	2012										2013						
	Mar-12	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	3.51	3.22	-	-	-	-	3.12	4.77	4.14	3.93	4.15	3.77	3.96	4.15	12.28	10.68	11.76
Water Truck Inc Water	3.87	3.55	-	-	-	-	3.43	5.25	4.56	4.33	4.55	4.13	4.34	4.55	13.46	11.71	12.88
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.45	0.40	-	-	-	-	4.46	6.81	5.96	5.66	5.99	5.48	5.71	5.99	5.07	4.42	4.88
14 YD Semi End Dumps	0.18	0.18	-	-	-	-	2.20	3.37	2.92	2.77	2.98	2.71	2.85	2.98	2.52	2.19	2.42
Light Plants	26.25	23.94	-	-	-	-	4.57	6.99	6.11	5.80	6.18	5.66	5.90	6.18	10.51	9.13	10.04
30 KW Generator	20.33	18.80	-	-	-	-	3.10	4.74	4.15	3.94	4.19	3.84	4.00	4.19	7.13	6.19	6.80
Truck / Trailer Low Boy	0.19	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	3.13	2.94	-	-	-	-	-	-	-	-	-	-	-	-	25.29	22.02	24.26
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.84	0.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	10.81	9.98	0.59	0.54	0.54	0.59	1.59	2.28	1.99	1.89	1.92	1.76	1.83	1.92	4.35	3.79	4.17
JD 210LJ Skiploader	0.88	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	0.28	0.43	0.35	0.35	0.33	0.33	0.33	0.33	3.59	3.14	3.46
Cat 385C Excavator	0.38	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	0.06	0.09	0.08	0.07	0.08	0.07	0.08	0.08	0.13	0.12	0.13
Maint. Vehicle	11.29	10.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	1.93	1.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.61	2.26	2.47
Man Basketd.	25.49	24.36	26.69	24.36	24.36	26.69	4.65	-	-	-	-	-	-	-	38.25	33.28	36.63
Pickupsc.	25.28	26.32	25.28	27.71	25.28	25.28	27.71	28.05	35.33	30.83	29.12	33.98	30.86	32.24	33.98	57.55	49.92
Sissor Liftd.	0.70	0.67	0.73	0.67	0.67	0.73	0.13	-	-	-	-	-	-	-	1.05	0.92	1.01
	135.53	128.48	53.29	53.28	50.85	53.29	55.30	62.77	65.60	59.58	59.49	61.72	59.84	62.61	160.22	167.40	170.83
	6.16	5.84	2.42	2.42	2.31	2.42	2.51	2.85	2.98	2.71	2.70	2.81	2.72	2.85	7.28	7.61	7.77

LAX CUP - Onsite Construction Equip	46	47	48	49	50	51	52	53	54	55	56	57	58
Monthly PM10 Emissions (lbs)					**Total**	**Total**			**2009**				
	Aug-13	**Sep-13**	**Oct-13**	**Nov-13**	**PM10**	**PM10**	**Controls**		**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**	**PM Trap Compatible?**	**Percent Reduction**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	11.76	6.94	-	-	356.78	0.18	No	0.0%	1.62	6.17	5.23	4.98	5.72
Water Truck Inc Water	12.88	7.60	-	-	486.20	0.24	No	0.0%	1.79	6.79	5.85	5.58	6.40
CAT 428 Backhoe	-	-	-	-	-	-	Low	8.3%	-	-	-	-	-
CAT H964 Rubber Tire Loader	4.88	2.86	-	-	472.07	0.24	High	74.7%	0.57	2.20	1.89	1.80	2.07
14 YD Semi End Dumps	2.42	1.42	-	-	383.73	0.19	No	0.0%	0.56	2.17	1.83	1.74	2.00
Light Plants	10.04	5.95	-	-	1,926.49	0.96	No	0.0%	9.08	34.77	30.01	28.54	32.83
30 KW Generator	6.80	4.03	-	-	1,403.55	0.70	No	0.0%	6.07	23.23	20.23	19.24	22.13
Truck / Trailer Low Boy	-	-	-	-	23.63	0.01	No	0.0%	0.10	0.29	0.27	0.22	0.27
Ready Mix Truck	24.26	14.28	-	-	816.63	0.41	No	0.0%	1.32	5.29	4.53	4.31	4.99
CAT330D Excavator	-	-	-	-	28.34	0.01	High	74.7%	-	-	-	-	-
100 T Grove Mobile Crane	-	-	-	-	22.62	0.01	No	0.0%	-	-	-	-	-
Gradall 544D Hi Lift	4.17	2.46	-	-	292.91	0.15	No	0.0%	-	-	-	-	-
JD 210LJ Skiploader	-	-	-	-	57.90	0.03	No	0.0%	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	189.86	0.09	No	0.0%	-	-	-	-	-
50 Ton Grove Crane	3.46	2.03	-	-	62.94	0.03	No	0.0%	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	207.57	0.10	No	0.0%	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	285.30	0.14	No	0.0%	-	-	-	-	-
Cat CP76 Compactor	0.13	0.08	-	-	22.97	0.01	Low	8.3%	-	-	-	-	-
Maint. Vehicle	-	-	-	-	669.62	0.33	No	0.0%	1.76	6.67	5.74	5.47	6.28
300 AMP Arc Welderc.	-	-	-	-	23.59	0.01	No	0.0%	-	-	-	-	-
36M Boom Pumpd.	2.47	1.48	-	-	11.30	0.01	No	0.0%	-	-	-	-	-
Man Basketd.	36.63	21.61	73.96	-	421.33	0.21	No	0.0%	-	-	-	-	-
Pickupsc.	54.78	54.78	32.59	110.94	797.81	0.40	No	0.0%	-	-	-	-	-
Sissor Liftd.	1.01	0.59	2.03	-	11.58	0.01	No	0.0%	-	-	-	-	-
	175.69	126.10	108.58	110.94	8,975	4.49		**lbs/month -->**	22.86	87.56	75.58	71.89	82.69
	7.99	5.73	4.94	5.04	407.94	0.20		**lbs/day -->**	1.04	3.98	3.44	3.27	3.76
								Peak Daily PM10		**37.34**	**lbs/day**		
									Assumes 22 working days per month				

LAX CUP - Onsite Construction Equip	59	60	61	62	63	64	65	66	67	68	69	70	71	72
Monthly PM10 Emissions (lbs)	2010													
	Apr-10	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	6.70	14.45	29.54	28.16	29.48	28.16	12.48	7.75	11.77	10.46	9.94	9.69	4.17	3.89
Water Truck Inc Water	7.51	21.69	53.17	50.72	53.13	50.72	19.46	8.68	13.19	11.62	11.05	10.77	4.64	4.32
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	2.55	7.26	16.77	14.97	15.69	14.97	5.02	1.82	3.45	3.00	2.86	2.45	1.39	0.36
14 YD Semi End Dumps	2.78	18.87	57.67	54.03	56.61	54.03	16.26	2.00	16.93	14.91	14.19	15.41	13.13	2.67
Light Plants	32.19	65.90	154.59	159.46	170.33	173.91	100.02	82.76	109.72	97.82	93.20	93.58	32.06	28.04
30 KW Generator	25.10	53.37	113.55	116.40	124.16	126.14	71.78	60.26	78.67	70.52	67.16	65.70	21.44	21.03
Truck / Trailer Low Boy	0.27	0.94	2.78	2.87	3.01	2.87	1.35	0.90	1.30	1.16	1.12	1.04	0.41	0.25
Ready Mix Truck	4.76	29.47	99.64	106.44	111.54	106.44	43.98	18.14	29.81	27.08	25.72	29.59	12.86	4.60
CAT330D Excavator	0.16	0.41	0.44	0.41	0.44	0.41	0.42	0.74	1.06	0.90	0.85	0.64	0.25	0.05
100 T Grove Mobile Crane	-	-	0.35	1.24	1.30	1.24	1.28	1.26	1.32	1.22	1.16	1.35	0.28	0.78
Gradall 544D Hi Lift	-	2.99	12.41	15.55	17.06	18.88	11.62	8.93	9.36	8.23	7.84	9.03	2.09	9.66
JD 210LJ Skiploader	3.15	8.18	8.57	8.18	8.57	8.18	2.36	-	-	-	-	-	-	0.81
Hydrolic Caissons Drill Rig	-	11.62	42.61	40.70	42.61	40.70	11.62	-	-	-	-	-	-	-
50 Ton Grove Crane	-	2.75	9.96	9.55	9.96	9.55	2.75	-	-	-	-	-	-	-
Cat 385C Excavator	-	12.39	45.51	43.48	45.51	43.48	12.39	-	-	-	-	-	-	0.41
10 Yard Dump Trucks	-	17.47	64.04	61.13	64.04	61.13	17.47	-	-	-	-	-	-	-
Cat CP76 Compactor	-	1.22	4.49	4.28	4.49	4.28	1.22	-	-	-	-	-	-	-
Maint. Vehicle	8.71	25.17	58.51	58.91	63.60	67.21	34.82	26.05	39.31	34.73	33.09	34.17	14.87	12.57
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	1.69
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	93.87	294.17	774.59	776.50	821.53	812.32	366.30	219.27	315.90	281.64	268.19	273.40	107.58	91.12
	4.27	13.37	35.21	35.30	37.34	36.92	16.65	9.97	14.36	12.80	12.19	12.43	4.89	4.14

LAX CUP - Onsite Construction Equip	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89
Monthly PM10 Emissions (lbs)	**2011**							**2012**									
	Jun-11	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	3.91	3.74	4.11	3.91	3.74	3.91	3.91	3.59	3.43	3.51	3.22	-	-	-	-	3.12	4.77
Water Truck Inc Water	4.35	4.16	4.57	4.35	4.16	4.35	4.35	3.95	3.78	3.87	3.55	-	-	-	-	3.43	5.25
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.12	0.11	0.12	0.12	0.11	0.12	0.12	0.11	0.10	0.11	0.10	-	-	-	-	1.13	1.73
14 YD Semi End Dumps	0.20	0.20	0.22	0.20	0.20	0.20	0.20	0.18	0.18	0.18	0.18	-	-	-	-	2.20	3.37
Light Plants	28.98	27.66	30.30	28.98	27.66	28.98	28.98	27.07	25.84	26.25	23.94	-	-	-	-	4.57	6.99
30 KW Generator	22.22	21.22	23.23	22.22	21.22	22.22	22.22	20.75	19.81	20.33	18.80	-	-	-	-	3.10	4.74
Truck / Trailer Low Boy	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.19	0.19	0.19	0.19	-	-	-	-	-	-
Ready Mix Truck	3.45	3.24	3.55	3.45	3.24	3.45	3.45	3.13	2.94	3.13	2.94	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.94	0.89	0.98	0.94	0.89	0.94	0.94	0.88	0.83	0.84	0.77	-	-	-	-	-	-
Gradall 544D Hi Lift	11.65	11.13	12.19	11.65	11.13	11.65	11.65	10.48	10.55	10.81	9.98	0.59	0.54	0.54	0.59	1.59	2.28
JD 210LJ Skiploader	0.95	0.88	0.95	0.95	0.88	0.95	0.95	0.88	0.81	0.88	0.81	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28	0.43
Cat 385C Excavator	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.38	0.38	0.38	0.38	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	0.08
Maint. Vehicle	12.60	12.03	13.17	12.60	12.03	12.60	12.60	11.76	11.23	11.29	10.11	-	-	-	-	-	-
300 AMP Arc Welderc.	2.06	1.97	2.16	2.06	1.97	2.06	2.06	1.93	1.84	1.93	1.84	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	24.36	25.49	24.36	26.69	24.36	24.36	26.69	4.65	-
Pickupsc.	-	-	-	-	-	-	-	-	-	25.28	26.32	25.28	27.71	25.28	25.28	27.71	28.05
Sissor Liftd.	-	-	-	-	-	-	-	-	0.67	0.70	0.67	0.73	0.67	0.67	0.73	0.13	-
	92.07	87.85	96.19	92.07	87.85	92.07	92.07	85.29	106.95	135.19	128.18	53.29	53.28	50.85	53.29	51.97	57.68
	4.19	3.99	4.37	4.19	3.99	4.19	4.19	3.88	4.86	6.15	5.83	2.42	2.42	2.31	2.42	2.36	2.62

LAX CUP - Onsite Construction Equip	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104
Monthly PM10 Emissions (lbs)								2013						Total	Total
	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	PM10	PM10
Equipment	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs	tons
Vacuum Sweeper	4.14	3.93	4.15	3.77	3.96	4.15	12.28	10.68	11.76	11.76	6.94	-	-	356.78	0.18
Water Truck Inc Water	4.56	4.33	4.55	4.13	4.34	4.55	13.46	11.71	12.88	12.88	7.60	-	-	486.20	0.24
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1.51	1.43	1.52	1.39	1.45	1.52	1.28	1.12	1.24	1.24	0.72	-	-	119.60	0.06
14 YD Semi End Dumps	2.92	2.77	2.98	2.71	2.85	2.98	2.52	2.19	2.42	2.42	1.42	-	-	383.73	0.19
Light Plants	6.11	5.80	6.18	5.66	5.90	6.18	10.51	9.13	10.04	10.04	5.95	-	-	1,926.49	0.96
30 KW Generator	4.15	3.94	4.19	3.84	4.00	4.19	7.13	6.19	6.80	6.80	4.03	-	-	1,403.55	0.70
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	23.63	0.01
Ready Mix Truck	-	-	-	-	-	-	25.29	22.02	24.26	24.26	14.28	-	-	816.63	0.41
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	7.18	0.00
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	22.62	0.01
Gradall 544D Hi Lift	1.99	1.89	1.92	1.76	1.83	1.92	4.35	3.79	4.17	4.17	2.46	-	-	292.91	0.15
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	57.90	0.03
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	189.86	0.09
50 Ton Grove Crane	0.35	0.35	0.33	0.33	0.33	0.33	3.59	3.14	3.46	3.46	2.03	-	-	62.94	0.03
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	207.57	0.10
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	285.30	0.14
Cat CP76 Compactor	0.07	0.07	0.07	0.07	0.07	0.07	0.12	0.11	0.11	0.11	0.07	-	-	21.07	0.01
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	669.62	0.33
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	23.59	0.01
36M Boom Pumpd.	-	-	-	-	-	-	2.61	2.26	2.47	2.47	1.48	-	-	11.30	0.01
Man Basketd.	-	-	-	-	-	-	38.25	33.28	36.63	36.63	21.61	73.96	-	421.33	0.21
Pickupsc.	35.33	30.83	29.12	33.98	30.86	32.24	33.98	57.55	49.92	54.78	54.78	32.59	110.94	797.81	0.40
Sissor Liftd.	-	-	-	-	-	-	1.05	0.92	1.01	1.01	0.59	2.03	-	11.58	0.01
	61.14	55.35	55.02	57.62	55.57	58.14	156.43	164.09	167.18	172.03	123.96	108.58	110.94	8,599	4.30
	2.78	2.52	2.50	2.62	2.53	2.64	7.11	7.46	7.60	7.82	5.63	4.94	5.04	390.87	0.20

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11	12
Monthly PM2.5 Emissions (lbs)			**2009**		**2010**									
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	1.49	5.67	4.81	4.58	5.26	6.16	13.29	27.18	25.90	27.12	25.90	11.48
Water Truck Inc Water	Diesel	230	1.65	6.25	5.39	5.13	5.89	6.91	19.96	48.91	46.66	48.88	46.66	17.90
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	2.05	7.98	6.86	6.54	7.50	9.27	26.37	60.89	54.35	56.97	54.35	18.22
14 YD Semi End Dumps	Diesel	174	0.52	2.00	1.68	1.61	1.84	2.56	17.36	53.06	49.71	52.09	49.71	14.96
Light Plants	Diesel	450	8.35	31.98	27.61	26.26	30.21	29.61	60.63	142.22	146.71	156.70	160.00	92.02
30 KW Generator	Diesel	268	5.58	21.37	18.61	17.70	20.36	23.09	49.10	104.47	107.09	114.23	116.05	66.04
Truck / Trailer Low Boy	Diesel	210	0.09	0.26	0.25	0.21	0.25	0.25	0.87	2.56	2.64	2.77	2.64	1.24
Ready Mix Truck	Diesel	530	1.22	4.86	4.17	3.96	4.59	4.38	27.12	91.67	97.93	102.62	97.93	40.46
CAT330D Excavator	Diesel	84	-	-	-	-	-	0.57	1.50	1.59	1.50	1.59	1.50	1.52
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	0.33	1.14	1.19	1.14	1.18
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	2.75	11.41	14.31	15.69	17.37	10.69
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	2.89	7.53	7.89	7.53	7.89	7.53	2.17
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	10.69	39.20	37.44	39.20	37.44	10.69
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	2.53	9.16	8.79	9.16	8.79	2.53
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	11.40	41.86	40.00	41.86	40.00	11.40
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	16.07	58.92	56.24	58.92	56.24	16.07
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	1.23	4.50	4.30	4.50	4.30	1.23
Maint. Vehicle	Diesel	450	1.18	4.48	3.77	3.59	4.12	5.72	16.54	38.44	38.70	41.78	44.16	22.88
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		22.13	84.87	73.15	69.58	80.03	91.41	284.92	744.26	740.94	783.18	771.71	342.69
	lbs/day -->		1.01	3.86	3.33	3.16	3.64	4.16	12.95	33.83	33.68	35.60	35.08	15.58
	Peak Daily PM2.5		**35.60**	**lbs/day**										
			Assumes 22 working days per month											

LAX CUP - Onsite Construction Equi	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Monthly PM2.5 Emissions (lbs)								**2011**								
	Nov-10	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	7.13	10.83	9.62	9.15	8.91	3.84	3.58	3.60	3.44	3.79	3.60	3.44	3.60	3.60	3.30	3.16
Water Truck Inc Water	7.98	12.13	10.69	10.17	9.91	4.27	3.97	4.00	3.83	4.21	4.00	3.83	4.00	4.00	3.64	3.48
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	6.59	12.54	10.88	10.39	8.89	5.04	1.30	0.45	0.40	0.45	0.45	0.40	0.45	0.45	0.41	0.37
14 YD Semi End Dumps	1.84	15.58	13.71	13.05	14.17	12.08	2.46	0.18	0.18	0.20	0.18	0.18	0.18	0.18	0.17	0.17
Light Plants	76.14	100.94	89.99	85.74	86.10	29.49	25.80	26.66	25.44	27.87	26.66	25.44	26.66	26.66	24.91	23.77
30 KW Generator	55.44	72.38	64.88	61.78	60.44	19.72	19.35	20.45	19.52	21.37	20.45	19.52	20.45	20.45	19.09	18.22
Truck / Trailer Low Boy	0.83	1.20	1.07	1.03	0.95	0.38	0.23	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.17	0.17
Ready Mix Truck	16.69	27.43	24.91	23.66	27.22	11.83	4.23	3.17	2.98	3.27	3.17	2.98	3.17	3.17	2.88	2.71
CAT330D Excavator	2.68	3.85	3.26	3.10	2.34	0.90	0.18	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	1.16	1.21	1.12	1.07	1.24	0.26	0.71	0.87	0.82	0.90	0.87	0.82	0.87	0.87	0.81	0.76
Gradall 544D Hi Lift	8.22	8.61	7.57	7.21	8.31	1.92	8.89	10.72	10.24	11.22	10.72	10.24	10.72	10.72	9.64	9.70
JD 210LJ Skiploader	-	-	-	-	-	-	0.74	0.88	0.81	0.88	0.88	0.81	0.88	0.88	0.81	0.75
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.35	0.35
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	17.11	25.82	22.20	21.15	21.83	9.50	8.03	8.05	7.69	8.41	8.05	7.69	8.05	8.05	7.28	6.95
300 AMP Arc Welderc.	-	-	-	-	-	-	1.56	1.90	1.81	1.99	1.90	1.81	1.90	1.90	1.77	1.69
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.42
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.62
	201.80	292.53	259.91	247.50	250.31	99.23	81.41	81.50	77.74	85.13	81.50	77.74	81.50	81.50	75.24	95.29
	9.17	13.30	11.81	11.25	11.38	4.51	3.70	3.70	3.53	3.87	3.70	3.53	3.70	3.70	3.42	4.33

LAX CUP - Onsite Construction Equi	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Monthly PM2.5 Emissions (lbs)	2012										2013						
	Mar-12	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	3.23	2.97	-	-	-	-	2.87	4.39	3.81	3.62	3.82	3.47	3.64	3.82	11.30	9.83	10.82
Water Truck Inc Water	3.56	3.27	-	-	-	-	3.16	4.83	4.19	3.98	4.18	3.80	3.99	4.18	12.38	10.77	11.85
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.41	0.37	-	-	-	-	4.10	6.27	5.48	5.21	5.51	5.04	5.25	5.51	4.66	4.07	4.49
14 YD Semi End Dumps	0.17	0.17	-	-	-	-	2.02	3.10	2.69	2.55	2.74	2.49	2.62	2.74	2.32	2.02	2.22
Light Plants	24.15	22.02	-	-	-	-	4.21	6.43	5.62	5.34	5.69	5.21	5.43	5.69	9.67	8.40	9.24
30 KW Generator	18.70	17.29	-	-	-	-	2.86	4.36	3.82	3.63	3.86	3.53	3.68	3.86	6.56	5.70	6.26
Truck / Trailer Low Boy	0.17	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	2.88	2.71	-	-	-	-	-	-	-	-	-	-	-	-	23.27	20.26	22.32
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.78	0.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	9.95	9.18	0.54	0.49	0.49	0.54	1.46	2.09	1.83	1.74	1.77	1.62	1.69	1.77	4.00	3.48	3.84
JD 210LJ Skiploader	0.81	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	0.26	0.39	0.33	0.33	0.30	0.30	0.30	0.30	3.31	2.89	3.19
Cat 385C Excavator	0.35	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	0.05	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.12	0.11	0.12
Maint. Vehicle	6.99	6.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	1.77	1.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	2.08	2.27
Man Basketd.	23.46	22.42	24.55	22.42	22.42	24.55	4.28	-	-	-	-	-	-	-	35.19	30.62	33.70
Pickupsc.	5.45	5.68	5.45	5.97	5.45	5.45	5.97	6.05	7.62	6.65	6.30	7.35	6.68	6.98	7.35	12.45	10.80
Sissor Liftd.	0.65	0.62	0.67	0.62	0.62	0.67	0.12	-	-	-	-	-	-	-	0.97	0.84	0.93
	103.48	96.62	31.22	29.50	28.98	31.22	31.36	37.99	35.47	33.10	34.24	32.87	33.35	34.92	123.50	113.51	122.04
	4.70	4.39	1.42	1.34	1.32	1.42	1.43	1.73	1.61	1.50	1.56	1.49	1.52	1.59	5.61	5.16	5.55

LAX CUP - Onsite Construction Equi	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Monthly PM2.5 Emissions (lbs)					**Total**	**Total**			**2009**					
	Aug-13	**Sep-13**	**Oct-13**	**Nov-13**	**PM2.5**	**PM2.5**	**Controls**		**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**	**PM Trap Compatible?**	**Percent Reduction**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	10.82	6.39	-	-	328.24	0.16	No	0.0%	1.49	5.67	4.81	4.58	5.26	6.16
Water Truck Inc Water	11.85	7.00	-	-	447.30	0.22	No	0.0%	1.65	6.25	5.39	5.13	5.89	6.91
CAT 428 Backhoe	-	-	-	-	-	-	Low	8.3%	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	4.49	2.63	-	-	434.30	0.22	High	74.7%	0.52	2.02	1.74	1.66	1.90	2.35
14 YD Semi End Dumps	2.22	1.31	-	-	353.03	0.18	No	0.0%	0.52	2.00	1.68	1.61	1.84	2.56
Light Plants	9.24	5.47	-	-	1,772.37	0.89	No	0.0%	8.35	31.98	27.61	26.26	30.21	29.61
30 KW Generator	6.26	3.71	-	-	1,291.26	0.65	No	0.0%	5.58	21.37	18.61	17.70	20.36	23.09
Truck / Trailer Low Boy	-	-	-	-	21.74	0.01	No	0.0%	0.09	0.26	0.25	0.21	0.25	0.25
Ready Mix Truck	22.32	13.14	-	-	751.30	0.38	No	0.0%	1.22	4.86	4.17	3.96	4.59	4.38
CAT330D Excavator	-	-	-	-	26.07	0.01	High	74.7%	-	-	-	-	-	0.14
100 T Grove Mobile Crane	-	-	-	-	20.81	0.01	No	0.0%	-	-	-	-	-	-
Gradall 544D Hi Lift	3.84	2.26	-	-	269.48	0.13	No	0.0%	-	-	-	-	-	-
JD 210LJ Skiploader	-	-	-	-	53.26	0.03	No	0.0%	-	-	-	-	-	2.89
Hydrolic Caissons Drill Rig	-	-	-	-	174.67	0.09	No	0.0%	-	-	-	-	-	-
50 Ton Grove Crane	3.19	1.86	-	-	57.90	0.03	No	0.0%	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	190.96	0.10	No	0.0%	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	262.47	0.13	No	0.0%	-	-	-	-	-	-
Cat CP76 Compactor	0.12	0.07	-	-	21.14	0.01	Low	8.3%	-	-	-	-	-	-
Maint. Vehicle	-	-	-	-	434.48	0.22	No	0.0%	1.18	4.48	3.77	3.59	4.12	5.72
300 AMP Arc Welderc.	-	-	-	-	21.70	0.01	No	0.0%	-	-	-	-	-	-
36M Boom Pumpd.	2.27	1.36	-	-	10.40	0.01	No	0.0%	-	-	-	-	-	-
Man Basketd.	33.70	19.88	68.04	-	387.63	0.19	No	0.0%	-	-	-	-	-	-
Pickupsc.	11.85	11.85	7.05	24.00	172.39	0.09	No	0.0%	-	-	-	-	-	-
Sissor Liftd.	0.93	0.55	1.87	-	10.66	0.01	No	0.0%	-	-	-	-	-	-
	123.09	77.47	76.96	24.00	7,514	3.76		**lbs/month -->**	20.60	78.91	68.03	64.70	74.42	84.07
	5.59	3.52	3.50	1.09	341.53	0.17		**lbs/day -->**	0.94	3.59	3.09	2.94	3.38	3.82
								Peak Daily PM2.5		**33.59**	**lbs/day**			
									Assumes 22 working days per month					

LAX CUP - Onsite Construction Equi	60	61	62	63	64	65	66	67	68	69	70	71	72	73
Monthly PM2.5 Emissions (lbs)			**2010**											**20**
	May-10	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	13.29	27.18	25.90	27.12	25.90	11.48	7.13	10.83	9.62	9.15	8.91	3.84	3.58	3.60
Water Truck Inc Water	19.96	48.91	46.66	48.88	46.66	17.90	7.98	12.13	10.69	10.17	9.91	4.27	3.97	4.00
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	6.68	15.43	13.77	14.43	13.77	4.62	1.67	3.18	2.76	2.63	2.25	1.28	0.33	0.11
14 YD Semi End Dumps	17.36	53.06	49.71	52.09	49.71	14.96	1.84	15.58	13.71	13.05	14.17	12.08	2.46	0.18
Light Plants	60.63	142.22	146.71	156.70	160.00	92.02	76.14	100.94	89.99	85.74	86.10	29.49	25.80	26.66
30 KW Generator	49.10	104.47	107.09	114.23	116.05	66.04	55.44	72.38	64.88	61.78	60.44	19.72	19.35	20.45
Truck / Trailer Low Boy	0.87	2.56	2.64	2.77	2.64	1.24	0.83	1.20	1.07	1.03	0.95	0.38	0.23	0.19
Ready Mix Truck	27.12	91.67	97.93	102.62	97.93	40.46	16.69	27.43	24.91	23.66	27.22	11.83	4.23	3.17
CAT330D Excavator	0.38	0.40	0.38	0.40	0.38	0.39	0.68	0.98	0.83	0.78	0.59	0.23	0.05	-
100 T Grove Mobile Crane	-	0.33	1.14	1.19	1.14	1.18	1.16	1.21	1.12	1.07	1.24	0.26	0.71	0.87
Gradall 544D Hi Lift	2.75	11.41	14.31	15.69	17.37	10.69	8.22	8.61	7.57	7.21	8.31	1.92	8.89	10.72
JD 210LJ Skiploader	7.53	7.89	7.53	7.89	7.53	2.17	-	-	-	-	-	-	0.74	0.88
Hydrolic Caissons Drill Rig	10.69	39.20	37.44	39.20	37.44	10.69	-	-	-	-	-	-	-	-
50 Ton Grove Crane	2.53	9.16	8.79	9.16	8.79	2.53	-	-	-	-	-	-	-	-
Cat 385C Excavator	11.40	41.86	40.00	41.86	40.00	11.40	-	-	-	-	-	-	0.38	0.38
10 Yard Dump Trucks	16.07	58.92	56.24	58.92	56.24	16.07	-	-	-	-	-	-	-	-
Cat CP76 Compactor	1.12	4.13	3.94	4.13	3.94	1.12	-	-	-	-	-	-	-	-
Maint. Vehicle	16.54	38.44	38.70	41.78	44.16	22.88	17.11	25.82	22.20	21.15	21.83	9.50	8.03	8.05
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	1.56	1.90
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	264.01	697.24	698.89	739.08	729.66	327.84	194.88	280.29	249.35	237.43	241.93	94.80	80.30	81.17
	12.00	31.69	31.77	33.59	33.17	14.90	8.86	12.74	11.33	10.79	11.00	4.31	3.65	3.69

LAX CUP - Onsite Construction Equi	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89
Monthly PM2.5 Emissions (lbs)	**11**											**2012**				
	Jul-11	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	3.44	3.79	3.60	3.44	3.60	3.60	3.30	3.16	3.23	2.97	-	-	-	-	2.87	4.39
Water Truck Inc Water	3.83	4.21	4.00	3.83	4.00	4.00	3.64	3.48	3.56	3.27	-	-	-	-	3.16	4.83
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.10	0.11	0.11	0.10	0.11	0.11	0.11	0.09	0.11	0.09	-	-	-	-	1.04	1.59
14 YD Semi End Dumps	0.18	0.20	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	-	-	-	-	2.02	3.10
Light Plants	25.44	27.87	26.66	25.44	26.66	26.66	24.91	23.77	24.15	22.02	-	-	-	-	4.21	6.43
30 KW Generator	19.52	21.37	20.45	19.52	20.45	20.45	19.09	18.22	18.70	17.29	-	-	-	-	2.86	4.36
Truck / Trailer Low Boy	0.19	0.19	0.19	0.19	0.19	0.19	0.17	0.17	0.17	0.17	-	-	-	-	-	-
Ready Mix Truck	2.98	3.27	3.17	2.98	3.17	3.17	2.88	2.71	2.88	2.71	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.82	0.90	0.87	0.82	0.87	0.87	0.81	0.76	0.78	0.71	-	-	-	-	-	-
Gradall 544D Hi Lift	10.24	11.22	10.72	10.24	10.72	10.72	9.64	9.70	9.95	9.18	0.54	0.49	0.49	0.54	1.46	2.09
JD 210LJ Skiploader	0.81	0.88	0.88	0.81	0.88	0.88	0.81	0.75	0.81	0.75	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26	0.39
Cat 385C Excavator	0.38	0.38	0.38	0.38	0.38	0.38	0.35	0.35	0.35	0.35	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	0.08
Maint. Vehicle	7.69	8.41	8.05	7.69	8.05	8.05	7.28	6.95	6.99	6.26	-	-	-	-	-	-
300 AMP Arc Welderc.	1.81	1.99	1.90	1.81	1.90	1.90	1.77	1.69	1.77	1.69	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	22.42	23.46	22.42	24.55	22.42	22.42	24.55	4.28	-
Pickupsc.	-	-	-	-	-	-	-	-	5.45	5.68	5.45	5.97	5.45	5.45	5.97	6.05
Sissor Liftd.	-	-	-	-	-	-	-	0.62	0.65	0.62	0.67	0.62	0.62	0.67	0.12	-
	77.44	84.80	81.17	77.44	81.17	81.17	74.93	95.02	103.17	96.34	31.22	29.50	28.98	31.22	28.29	33.31
	3.52	3.85	3.69	3.52	3.69	3.69	3.41	4.32	4.69	4.38	1.42	1.34	1.32	1.42	1.29	1.51

LAX CUP - Onsite Construction Equi	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104
Monthly PM2.5 Emissions (lbs)								2013						Total	Total
	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	PM2.5	PM2.5
Equipment	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs	tons
Vacuum Sweeper	3.81	3.62	3.82	3.47	3.64	3.82	11.30	9.83	10.82	10.82	6.39	-	-	328.24	0.16
Water Truck Inc Water	4.19	3.98	4.18	3.80	3.99	4.18	12.38	10.77	11.85	11.85	7.00	-	-	447.30	0.22
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1.39	1.32	1.40	1.28	1.33	1.40	1.18	1.03	1.14	1.14	0.67	-	-	110.04	0.06
14 YD Semi End Dumps	2.69	2.55	2.74	2.49	2.62	2.74	2.32	2.02	2.22	2.22	1.31	-	-	353.03	0.18
Light Plants	5.62	5.34	5.69	5.21	5.43	5.69	9.67	8.40	9.24	9.24	5.47	-	-	1,772.37	0.89
30 KW Generator	3.82	3.63	3.86	3.53	3.68	3.86	6.56	5.70	6.26	6.26	3.71	-	-	1,291.26	0.65
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	21.74	0.01
Ready Mix Truck	-	-	-	-	-	-	23.27	20.26	22.32	22.32	13.14	-	-	751.30	0.38
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	6.61	0.00
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	20.81	0.01
Gradall 544D Hi Lift	1.83	1.74	1.77	1.62	1.69	1.77	4.00	3.48	3.84	3.84	2.26	-	-	269.48	0.13
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	53.26	0.03
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	174.67	0.09
50 Ton Grove Crane	0.33	0.33	0.30	0.30	0.30	0.30	3.31	2.89	3.19	3.19	1.86	-	-	57.90	0.03
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	190.96	0.10
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	262.47	0.13
Cat CP76 Compactor	0.07	0.06	0.06	0.06	0.06	0.06	0.11	0.10	0.11	0.11	0.06	-	-	19.38	0.01
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	434.48	0.22
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	21.70	0.01
36M Boom Pumpd.	-	-	-	-	-	-	2.40	2.08	2.27	2.27	1.36	-	-	10.40	0.01
Man Basketd.	-	-	-	-	-	-	35.19	30.62	33.70	33.70	19.88	68.04	-	387.63	0.19
Pickupsc.	7.62	6.65	6.30	7.35	6.68	6.98	7.35	12.45	10.80	11.85	11.85	7.05	24.00	172.39	0.09
Sissor Liftd.	-	-	-	-	-	-	0.97	0.84	0.93	0.93	0.55	1.87	-	10.66	0.01
	31.37	29.21	30.12	29.10	29.42	30.80	120.01	110.46	118.67	119.72	75.50	76.96	24.00	7,168	3.58
	1.43	1.33	1.37	1.32	1.34	1.40	5.45	5.02	5.39	5.44	3.43	3.50	1.09	325.82	0.16

LAX CUP - Onsite Construction Equipment			1	2	3	4	5	6	7	8	9	10	11
Monthly CO2 Emissions (lbs)			**2009**		**2010**								
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	2,465	9,359	8,554	8,151	9,359	10,969	23,648	48,352	46,088	48,252	46,088
Water Truck Inc Water	Diesel	230	4,210	15,982	14,607	13,920	15,982	18,731	54,132	132,666	126,566	132,581	126,566
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	3,603	14,012	12,811	12,210	14,012	17,314	49,241	113,694	101,484	106,388	101,484
14 YD Semi End Dumps	Diesel	174	1,083	4,195	3,834	3,654	4,195	5,819	39,513	120,749	113,126	118,538	113,126
Light Plants	Diesel	450	14,757	56,500	51,649	49,122	56,500	55,388	113,404	266,025	274,414	293,113	299,278
30 KW Generator	Diesel	268	10,740	41,122	37,591	35,752	41,122	46,639	99,164	210,981	216,278	230,696	234,374
Truck / Trailer Low Boy	Diesel	210	224	672	672	560	672	672	2,354	6,949	7,173	7,509	7,173
Ready Mix Truck	Diesel	530	3,111	12,446	11,314	10,748	12,446	11,880	73,542	248,630	265,601	278,329	265,601
CAT330D Excavator	Diesel	84	-	-	-	-	-	1,069	2,837	3,002	2,837	3,002	2,837
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	492	1,724	1,806	1,724
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	-	4,387	18,234	22,860	25,069	27,755
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	5,404	14,052	14,727	14,052	14,727	14,052
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	35,163	128,932	123,154	128,932	123,154
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	-	3,830	13,857	13,293	13,857	13,293
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	21,540	79,110	75,585	79,110	75,585
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	36,582	134,094	127,997	134,094	127,997
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	-	2,072	7,609	7,261	7,609	7,261
Maint. Vehicle	Diesel	450	2,631	9,986	9,128	8,698	9,987	13,853	40,055	93,103	93,748	101,211	106,956
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		42,825	164,273	150,159	142,815	164,274	187,740	615,516	1,641,207	1,633,240	1,724,822	1,694,304
	lbs/day -->		1,947	7,467	6,825	6,492	7,467	8,534	27,978	74,600	74,238	78,401	77,014
	Peak Daily CO2		**78,401**	**lbs/day**									
			Assumes 22 working days per month										

LAX CUP - Onsite Construction Equi	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Monthly CO2 Emissions (lbs)									2011					
	Oct-10	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	20,428	12,679	19,271	18,415	17,510	17,057	7,346	6,843	6,893	6,591	7,245	6,893	6,591	6,893
Water Truck Inc Water	48,547	21,653	32,909	31,448	29,902	29,128	12,545	11,686	11,772	11,256	12,373	11,772	11,256	11,772
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	34,028	12,310	23,419	21,818	20,817	17,815	10,108	2,602	901	801	901	901	801	901
14 YD Semi End Dumps	34,055	4,195	35,453	33,694	32,070	34,822	29,680	6,044	451	451	496	451	451	451
Light Plants	172,128	142,412	188,805	179,810	171,319	172,027	58,926	51,547	53,266	50,840	55,691	53,266	50,840	53,266
30 KW Generator	133,371	111,964	146,171	138,888	132,268	129,399	42,226	41,416	43,770	41,784	45,757	43,770	41,784	43,770
Truck / Trailer Low Boy	3,362	2,241	3,250	3,138	3,026	2,802	1,121	672	560	560	560	560	560	560
Ready Mix Truck	109,748	45,257	74,391	73,259	69,582	80,048	34,791	12,446	9,334	8,769	9,617	9,334	8,769	9,334
CAT330D Excavator	2,878	5,058	7,278	6,703	6,374	4,811	1,850	370	-	-	-	-	-	-
100 T Grove Mobile Crane	1,778	1,751	1,833	1,806	1,724	1,997	410	1,149	1,395	1,313	1,450	1,395	1,313	1,395
Gradall 544D Hi Lift	17,071	13,131	13,758	13,191	12,564	14,474	3,342	15,489	18,682	17,846	19,548	18,682	17,846	18,682
JD 210LJ Skiploader	4,053	-	-	-	-	-	-	1,486	1,756	1,621	1,756	1,756	1,621	1,756
Hydrolic Caissons Drill Rig	35,163	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	3,830	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	21,540	-	-	-	-	-	-	783	783	783	783	783	783	783
10 Yard Dump Trucks	36,582	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	2,072	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	55,411	41,451	62,552	59,192	56,394	58,223	25,345	21,417	21,471	20,502	22,439	21,471	20,502	21,471
300 AMP Arc Welderc.	-	-	-	-	-	-	-	2,518	3,073	2,938	3,223	3,073	2,938	3,073
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	736,046	414,103	609,091	581,362	553,549	562,603	227,690	176,469	174,108	166,056	181,840	174,108	166,056	174,108
	33,457	18,823	27,686	26,426	25,161	25,573	10,350	8,021	7,914	7,548	8,265	7,914	7,548	7,914

LAX CUP - Onsite Construction Equi	26	27	28	29	30										
Monthly CO2 Emissions (lbs)		2012													
	Dec-11	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**								
Vacuum Sweeper	6,893	6,893	6,591	6,742	6,189	-	-	-	-	5,987	9,157	7,950	7,547	8,755	7,950
Water Truck Inc Water	11,772	11,772	11,256	11,514	10,569	-	-	-	-	10,225	15,638	13,576	12,889	14,951	13,576
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	901	901	801	901	801	-	-	-	-	8,907	13,611	11,910	11,309	13,011	11,910
14 YD Semi End Dumps	451	451	451	451	451	-	-	-	-	5,368	8,209	7,127	6,766	7,848	7,127
Light Plants	53,266	53,266	50,840	51,649	47,100	-	-	-	-	8,996	13,746	12,028	11,421	13,140	12,028
30 KW Generator	43,770	43,770	41,784	42,888	39,651	-	-	-	-	6,547	10,005	8,754	8,313	9,563	8,754
Truck / Trailer Low Boy	560	560	560	560	560	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	9,334	9,334	8,769	9,334	8,769	-	-	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	1,395	1,395	1,313	1,341	1,231	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	18,682	18,682	18,801	19,279	17,787	1,045	955	955	1,045	2,835	4,059	3,551	3,372	3,880	3,551
JD 210LJ Skiploader	1,756	1,756	1,621	1,756	1,621	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	451	676	563	563	563	563
Cat 385C Excavator	783	783	783	783	783	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	104	160	141	132	151	141
Maint. Vehicle	21,471	21,447	20,480	20,587	18,437	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	3,073	3,073	2,938	3,073	2,938	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	52,183	54,604	52,183	57,160	52,183	52,183	57,160	9,952	-	-	-	-	-
Pickupsc.	-	-	-	30,757	32,021	30,757	33,707	30,757	30,757	33,707	34,128	42,976	37,499	35,371	41,266
Sissor Liftd.	-	-	1,435	1,502	1,435	1,568	1,435	1,435	1,568	274	-	-	-	-	-
	174,108	174,085	220,608	257,721	242,527	90,530	88,280	85,331	90,530	93,352	109,389	108,576	99,811	107,232	106,866
	7,914	7,913	10,028	11,715	11,024	4,115	4,013	3,879	4,115	4,243	4,972	4,935	4,537	4,874	4,858

LAX CUP - Onsite Construction Equi											
Monthly CO2 Emissions (lbs)	2013										Project
	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Project CO2	CO2
Equipment										**lbs**	**tons**
Vacuum Sweeper	8,352	8,755	25,912	22,541	24,805	24,805	14,642	-	-	632,406	316
Water Truck Inc Water	14,263	14,951	44,251	38,494	42,360	42,360	25,004	-	-	1,303,379	652
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	12,410	13,011	11,009	9,608	10,609	10,609	6,205	-	-	842,800	421
14 YD Semi End Dumps	7,488	7,848	6,631	5,774	6,360	6,360	3,744	-	-	829,498	415
Light Plants	12,533	13,140	22,337	19,406	21,326	21,326	12,634	-	-	3,434,476	1,717
30 KW Generator	9,122	9,563	16,258	14,124	15,522	15,522	9,195	-	-	2,693,906	1,347
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	60,408	30
Ready Mix Truck	-	-	83,159	72,411	79,765	79,765	46,954	-	-	2,155,921	1,078
CAT330D Excavator	-	-	-	-	-	-	-	-	-	50,908	25
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	33,132	17
Gradall 544D Hi Lift	3,701	3,880	8,774	7,640	8,416	8,416	4,954	-	-	476,871	238
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	101,334	51
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	574,498	287
50 Ton Grove Crane	563	563	6,196	5,407	5,971	5,971	3,492	-	-	93,504	47
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	361,868	181
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-		
Cat CP76 Compactor	151	151	264	226	245	245	151	-	-		
Maint. Vehicle	-	-	-	-	-	-	-	-	-		
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-		
36M Boom Pumpd.	-	-	6,184	5,348	5,850	5,850	3,510	-	-	26,742	13
Man Basketd.	-	-	89,034	77,468	85,269	85,269	50,300	172,151	-	947,100	474
Pickupsc.	37,477	39,161	41,266	69,900	60,636	66,531	66,531	39,582	134,747	969,536	485
Sissor Liftd.	-	-	2,448	2,130	2,345	2,345	1,383	4,734	-	26,038	13
	106,060	111,022	363,724	350,478	369,479	375,374	248,700	216,467	134,747	15,614,322	7,807
	4,821	5,046	16,533	15,931	16,794	17,062	11,305	9,839	6,125		

Health Risk Assessment

	Construction				Staging			Trucks	
	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Arch. Coat ($g/s/m^2$)	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Exhaust (g/s)	Road Dust (g/s)
PM10[1]									
Period	3.49E-06	3.57E-07	1.44E-04	NA	6.02E-07	6.16E-08	2.98E-06	0.0021	0.0005
1-Hour	2.49E-05	3.36E-06	5.39E-05	NA	4.30E-06	5.80E-07	7.96E-05	0.0029	0.0007
PM10[2]									
Period	3.66E-06	3.57E-07	1.48E-04	NA	6.31E-07	6.16E-08	7.70E-06	0.0021	0.0005
1-Hour	2.64E-05	3.36E-06	1.34E-04	NA	4.55E-06	5.80E-07	2.04E-04	0.0029	0.0007
VOC									
Period	9.89E-06	3.01E-07	NA	1.20E-07	1.71E-06	5.19E-08	NA	0.0062	NA
1-Hour	7.08E-05	2.77E-06	NA	1.82E-06	1.22E-05	4.77E-07	NA	0.0085	NA

[1] *Controlled PM10*

Criteria Pollutant Analysis

	Construction				Staging			Trucks	
	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Arch. Coat ($g/s/m^2$)	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Exhaust (g/s)	Road Dust (g/s)
PM10[1]									
Annual	8.60E-06	5.06E-07	5.81E-04	NA	1.48E-06	8.73E-08	1.09E-05	0.0021	0.0005
24-hour	2.49E-05	3.36E-06	5.39E-05	NA	4.30E-06	5.80E-07	7.96E-05	0.0029	0.0007
PM2.5[1]									
24-hour	2.24E-05	7.28E-07	1.12E-05	NA	3.86E-06	1.25E-07	1.66E-05	0.0027	0.0001
PM10[2]									
Annual	9.10E-06	5.06E-07	5.93E-04	NA	1.57E-06	8.73E-08	2.79E-05	0.0021	0.0005
24-hour	4.55E-06	5.80E-07	1.34E-04	NA	4.55E-06	5.80E-07	2.04E-04	0.0029	0.0007
PM2.5[2]									
24-hour	2.37E-05	7.28E-07	2.80E-05	NA	4.09E-06	1.25E-07	4.26E-05	0.0027	0.0001
Nox									
1-hour	5.00E-04	2.64E-06	NA	NA	8.63E-05	4.55E-07	NA	0.1066	NA
Annual	1.72E-04	4.34E-07	NA	NA	2.96E-05	7.48E-08	NA	0.0771	NA
CO									
1-hour	2.38E-04	9.06E-06	NA	NA	4.10E-05	1.56E-06	NA	0.0350	NA
8-hour	2.38E-04	9.06E-06	NA	NA	4.10E-05	1.56E-06	NA	0.0350	NA

[1] *Controlled PM10, PM2.5*

[2] *Uncontrolled PM10, PM2.5*

Health Risk Assessment - Reclaimed Water Pipeline and Treatment Plant

	Construction				Trucks	
	Pipe Diesel (g/s)	Plant Diesel ($g/s/m^2$)	Pipe Dust (g/s)	Paving ($g/s/m^2$)	Exhaust (g/s)	Road Dust (g/s)
PM10[1]						
Period	0.0066	0.0000	0.0044	NA	0.0001	0.0000
PM10[2]						
Period	0.0066	0.0000	0.0114	NA	0.0001	0.0000
VOC						
Period	0.0144	0.0000	NA	0.0000	0.0001	NA

[1] *Controlled PM10*

[2] *Uncontrolled PM10*

Parameters for Chronic Emissio

4	quarters/year
365	days/year
10	hours/day
3600	sec/hr
453.6	g/lb
2000	lbs/ton

Parameters for Acute Emission Rate

10	working hours/day
3600	sec/hr
453.6	g/lb

LAX CUP																
Fugitive Dust Emissions from Demolition and Excavation																
SCHEDULE																
Construction Phase [a.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
TPAR	148															
DWP Equip Installation & Start Up and Commi...	86															
Utility Relocations	121															
Shoring	98															
Excavation for Utilidor	98							5	22	22	22	22	5			
Construct Utilidor	200															
Install Pipe Racks, Distrib Piping & Cable Tray	161															
Demo Electrical Building & Equipment	107												12	22	22	22
CUP Building Shoring / Foundations Basement	111														20	22
CUP Equipment & Installation	371															
CUP Building Structure / Enclosure	257															
Install & Energize Mechanical Equipment	156															
Decommission & Demo Exist CUP\Cooling To...	162											16	22	22	22	22
Build Maintenance Building	100															
Build New Thermo Energy Storage Tank	100															
Full Plant Start-up & Commission New CUP	21															
Total Days	**2,297**	**-**	**-**	**-**	**-**	**-**	**-**	**5.0**	**22.0**	**22.0**	**22.0**	**38.0**	**39.0**	**44.0**	**64.0**	**66.0**
Peak Daily PM10 Emissions (lbs/day)																
UNMITIGATED																
Construction Phase [a.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
TPAR	148															
DWP Equip Installation & Start Up and Commi...	86															
Utility Relocations	121															
Shoring	98															
Excavation for Utilidor	98							177.35	177.35	177.35	177.35	177.35	177.35			
Construct Utilidor	200															
Install Pipe Racks, Distrib Piping & Cable Tray	161															
Demo Electrical Building & Equipment	107												0.75	0.75	0.75	0.75
CUP Building Shoring / Foundations Basement	111														45.93	45.93
CUP Equipment & Installation	371															
CUP Building Structure / Enclosure	257															
Install & Energize Mechanical Equipment	156															
Decommission & Demo Exist CUP\Cooling To...	162											2.74	2.74	2.74	2.74	2.74
Build Maintenance Building	100															
Build New Thermo Energy Storage Tank	100															
Full Plant Start-up & Commission New CUP	21															
Constr Dust Subtotal, lb/day		-	-	-	-	-	-	177.35	177.35	177.35	177.35	180.09	180.84	3.49	49.41	49.41
Storage Piles [b.]		1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day		**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**178.7**	**178.7**	**178.7**	**178.7**	**181.5**	**182.2**	**4.9**	**50.8**	**50.8**
Max PM10 On-Site Constr Dust, lb/day	**182.23**															
a. Construction site demolition and excavation fugitive dust emissions calculated for all phases from URBEMIS 2007 v.9.2.4.																
b. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA H																

LAX CUP															
Fugitive Dust Emissions from Demolition and Excavation															
SCHEDULE															
Construction Phase [a.]	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
TPAR															
DWP Equip Installation & Start Up and Commi...															
Utility Relocations															
Shoring															
Excavation for Utilidor															
Construct Utilidor															
Install Pipe Racks, Distrib Piping & Cable Tray															
Demo Electrical Building & Equipment	22	7													
CUP Building Shoring / Foundations Basement	22	22	22	3											
CUP Equipment & Installation															
CUP Building Structure / Enclosure				16	22	22	22	22	22	22	22	22	22	22	21
Install & Energize Mechanical Equipment															
Decommission & Demo Exist CUP\Cooling To...	22	22	14												
Build Maintenance Building															
Build New Thermo Energy Storage Tank															
Full Plant Start-up & Commission New CUP															
Total Days	**66.0**	**51.0**	**36.0**	**19.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**21.0**
Peak Daily PM10 Emissions (lbs/day)															
UNMITIGATED															
Construction Phase [a.]	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
TPAR															
DWP Equip Installation & Start Up and Commi...															
Utility Relocations															
Shoring															
Excavation for Utilidor															
Construct Utilidor															
Install Pipe Racks, Distrib Piping & Cable Tray															
Demo Electrical Building & Equipment	0.75	0.75													
CUP Building Shoring / Foundations Basement	45.93	45.93	45.93	45.93											
CUP Equipment & Installation															
CUP Building Structure / Enclosure															
Install & Energize Mechanical Equipment															
Decommission & Demo Exist CUP\Cooling To...	2.74	2.74	2.74												
Build Maintenance Building															
Build New Thermo Energy Storage Tank															
Full Plant Start-up & Commission New CUP															
Constr Dust Subtotal, lb/day	49.41	49.41	48.67	45.93	-	-	-	-	-	-	-	-	-	-	-
Storage Piles [b.]	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day	**50.8**	**50.8**	**50.1**	**47.3**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**
Max PM10 On-Site Constr Dust, lb/day															
a. Construction site demolition and excavation fugitive dust e															
b. EPA's Fugitive Dust Background Document and Technicalandbook, Table A9-9-E															

LAX CUP																			
Fugitive Dust Emissions from Demolition and Excavation																			
SCHEDULE																			
Construction Phase [a.]	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure																			
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building																			
Build New Thermo Energy Storage Tank													22	22	22	22	12		
Full Plant Start-up & Commission New CUP																			
Total Days	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22.0**	**22.0**	**22.0**	**22.0**	**12.0**	**-**	**-**
Peak Daily PM10 Emissions (lbs/day)																			
UNMITIGATED																			
Construction Phase [a.]	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure																			
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building																			
Build New Thermo Energy Storage Tank													23.559	23.559	23.559	23.5592	23.5592		
Full Plant Start-up & Commission New CUP																			
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	23.56	23.56	23.56	23.56	23.56	-	-
Storage Piles [b.]	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**25.0**	**25.0**	**25.0**	**25.0**	**25.0**	**1.4**	**1.4**
Max PM10 On-Site Constr Dust, lb/day																			
a. Construction site demolition and excavation fugitive dust e																			
b. EPA's Fugitive Dust Background Document and Technical																			

Peak Daily PM2.5 Emissions (lbs/day)																
UNMITIGATED																
Construction Phase [a.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
TPAR	148															
DWP Equip Installation & Start Up and Commi...	86															
Utility Relocations	121															
Shoring	98															
Excavation for Utilidor	98							37.04	37.04	37.04	37.04	37.04	37.04			
Construct Utilidor	200															
Install Pipe Racks, Distrib Piping & Cable Tray	161															
Demo Electrical Building & Equipment	107												0.16	0.16	0.16	0.16
CUP Building Shoring / Foundations Basement	111														9.59	9.59
CUP Equipment & Installation	371															
CUP Building Structure / Enclosure	257															
Install & Energize Mechanical Equipment	156															
Decommission & Demo Exist CUP\Cooling To...	162											0.57	0.57	0.57	0.57	0.57
Build Maintenance Building	100															
Build New Thermo Energy Storage Tank	100															
Full Plant Start-up & Commission New CUP	21															
Constr Dust Subtotal, lb/day		-	-	-	-	-	-	37.04	37.04	37.04	37.04	37.61	37.76	0.73	10.32	10.32
Storage Piles [b.]		0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day		**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**37.33**	**37.33**	**37.33**	**37.33**	**37.90**	**38.05**	**1.02**	**10.61**	**10.61**
Max PM2.5 On-Site Constr Dust, lb/day	**38.05**															

a. Construction site demolition and excavation fugitive dust emissions calculated from URBEMIS 2007 v.9.2.4.

b. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA H

Peak Daily PM10 Emissions (lbs/day)																
MITIGATED [a.]																
Construction Phase [b.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
TPAR	148															
DWP Equip Installation & Start Up and Commi...	86															
Utility Relocations	121															
Shoring	98															
Excavation for Utilidor	98							69.17	69.17	69.17	69.17	69.17	69.17			
Construct Utilidor	200															
Install Pipe Racks, Distrib Piping & Cable Tray	161															
Demo Electrical Building & Equipment	107												0.75	0.75	0.75	0.75
CUP Building Shoring / Foundations Basement	111														17.91	17.91
CUP Equipment & Installation	371															
CUP Building Structure / Enclosure	257															
Install & Energize Mechanical Equipment	156															
Decommission & Demo Exist CUP\Cooling To...	162											2.74	2.74	2.74	2.74	2.74
Build Maintenance Building	100															
Build New Thermo Energy Storage Tank	100															
Full Plant Start-up & Commission New CUP	21															
Constr Dust Subtotal, lb/day		-	-	-	-	-	-	69.17	69.17	69.17	69.17	71.91	72.65	3.49	21.40	21.40
Storage Piles [c.]		0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day		**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**69.68**	**69.68**	**69.68**	**69.68**	**72.42**	**73.17**	**4.00**	**21.91**	**21.91**
Max PM10 On-Site Constr Dust, lb/day	**73.17**															

a. Controls assumed to be part of the project design to comply with SCAQMD Rules 1157 and 403; Fugitive mitigation assumes 61% reduction (watering 3 times per day) for construction activity.

b. Construction site demolition and excavation fugitive dust emissions calculated for Phases 1A - 9A from URBEMIS 2007 v.9.2.4.

c. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA H

Peak Daily PM2.5 Emissions (lbs/day)															
UNMITIGATED															
Construction Phase [a.]	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
TPAR															
DWP Equip Installation & Start Up and Commi...															
Utility Relocations															
Shoring															
Excavation for Utilidor															
Construct Utilidor															
Install Pipe Racks, Distrib Piping & Cable Tray															
Demo Electrical Building & Equipment	0.16	0.16													
CUP Building Shoring / Foundations Basement	9.59	9.59	9.59	9.59											
CUP Equipment & Installation															
CUP Building Structure / Enclosure															
Install & Energize Mechanical Equipment															
Decommission & Demo Exist CUP\Cooling To...	0.57	0.57	0.57												
Build Maintenance Building															
Build New Thermo Energy Storage Tank															
Full Plant Start-up & Commission New CUP															
Constr Dust Subtotal, lb/day	10.32	10.32	10.16	9.59	-	-	-	-	-	-	-	-	-	-	-
Storage Piles [b.]	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day	**10.61**	**10.61**	**10.45**	**9.88**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**
Max PM2.5 On-Site Constr Dust, lb/day															
a. Construction site demolition and excavation fugitive dust e															
b. EPA's Fugitive Dust Background Document and Technicalandbook, Table A9-9-E															
Peak Daily PM10 Emissions (lbs/day)															
MITIGATED [a.]															
Construction Phase [b.]	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
TPAR															
DWP Equip Installation & Start Up and Commi...															
Utility Relocations															
Shoring															
Excavation for Utilidor															
Construct Utilidor															
Install Pipe Racks, Distrib Piping & Cable Tray															
Demo Electrical Building & Equipment	0.75	0.75													
CUP Building Shoring / Foundations Basement	17.91	17.91	17.91	17.91											
CUP Equipment & Installation															
CUP Building Structure / Enclosure															
Install & Energize Mechanical Equipment															
Decommission & Demo Exist CUP\Cooling To...	2.74	2.74	2.74												
Build Maintenance Building															
Build New Thermo Energy Storage Tank															
Full Plant Start-up & Commission New CUP															
Constr Dust Subtotal, lb/day	21.40	21.40	20.65	17.91	-	-	-	-	-	-	-	-	-	-	-
Storage Piles [c.]	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day	**21.91**	**21.91**	**21.17**	**18.43**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**
Max PM10 On-Site Constr Dust, lb/day															
a. Controls assumed to be part of the project design to compl															
b. Construction site demolition and excavation fugitive dust e															
c. EPA's Fugitive Dust Background Document and Technicalandbook, Table A9-9-E															

Peak Daily PM2.5 Emissions (lbs/day)																			
UNMITIGATED																			
Construction Phase [a.]	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure																			
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building																			
Build New Thermo Energy Storage Tank													4.9201	4.9201	4.9201	4.9201	4.9201		
Full Plant Start-up & Commission New CUP																			
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	4.92	4.92	4.92	4.92	4.92	-	-
Storage Piles [b.]	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**5.21**	**5.21**	**5.21**	**5.21**	**5.21**	**0.29**	**0.29**
Max PM2.5 On-Site Constr Dust, lb/day																			
a. Construction site demolition and excavation fugitive dust e																			
b. EPA's Fugitive Dust Background Document and Technical																			
Peak Daily PM10 Emissions (lbs/day)																			
MITIGATED [a.]																			
Construction Phase [b.]	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure																			
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building																			
Build New Thermo Energy Storage Tank													9.1881	9.1881	9.1881	9.18809	9.18809		
Full Plant Start-up & Commission New CUP																			
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	9.19	9.19	9.19	9.19	9.19	-	-
Storage Piles [c.]	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**9.70**	**9.70**	**9.70**	**9.70**	**9.70**	**0.52**	**0.52**
Max PM10 On-Site Constr Dust, lb/day																			
a. Controls assumed to be part of the project design to compl																			
b. Construction site demolition and excavation fugitive dust e																			
c. EPA's Fugitive Dust Background Document and Technical																			

Peak Daily PM2.5 Emissions (lbs/day)																
MITIGATED [a.]																
Construction Phase [b.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
TPAR	148															
DWP Equip Installation & Start Up and Commi...	86															
Utility Relocations	121															
Shoring	98															
Excavation for Utilidor	98							14.44	14.44	14.44	14.44	14.44	14.44			
Construct Utilidor	200															
Install Pipe Racks, Distrib Piping & Cable Tray	161															
Demo Electrical Building & Equipment	107												0.16	0.16	0.16	0.16
CUP Building Shoring / Foundations Basement	111														3.74	3.74
CUP Equipment & Installation	371															
CUP Building Structure / Enclosure	257															
Install & Energize Mechanical Equipment	156															
Decommission & Demo Exist CUP\Cooling To...	162											0.57	0.57	0.57	0.57	0.57
Build Maintenance Building	100															
Build New Thermo Energy Storage Tank	100															
Full Plant Start-up & Commission New CUP	21															
Constr Dust Subtotal, lb/day		-	-	-	-	-	-	14.44	14.44	14.44	14.44	15.01	15.17	0.73	4.47	4.47
Storage Piles [c.]		0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day		**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**14.55**	**14.55**	**14.55**	**14.55**	**15.12**	**15.28**	**0.83**	**4.57**	**4.57**
Max PM2.5 On-Site Constr Dust, lb/day	**15.28**															
a. Controls assumed to be part of the project design to comply with SCAQMD Rules 1157 and 403; Fugitive mitigation assumes 61% reduction (watering 3 times per day) for construction activity.																
b. Construction site demolition and excavation fugitive dust emissions calculated for Phases 1A - 9A from URBEMIS 2007 v.9.2.4.																
c. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA H																
Monthly PM10 Emissions (tons/mo.) [a.]		22	days/month													
UNMITIGATED																
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Constr Dust		-	-	-	-	-	-	0.443	1.951	1.951	1.951	1.973	0.478	0.038	0.498	0.544
Storage Piles		0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.		**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.459**	**1.966**	**1.966**	**1.966**	**1.988**	**0.493**	**0.054**	**0.513**	**0.559**
a. Assumes 22 working days per month.																
Monthly PM2.5 Emissions (tons/mo.) [a.]																
UNMITIGATED																
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Constr Dust		-	-	-	-	-	-	0.093	0.407	0.407	0.407	0.412	0.100	0.008	0.104	0.113
Storage Piles		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.		**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.096**	**0.411**	**0.411**	**0.411**	**0.415**	**0.103**	**0.011**	**0.107**	**0.117**
a. Assumes 22 working days per month.																
Monthly PM10 Emissions (tons/mo.) [a.]																
MITIGATED																
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Constr Dust		-	-	-	-	-	-	0.173	0.761	0.761	0.761	0.783	0.208	0.038	0.217	0.235
Storage Piles		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.		**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.179**	**0.767**	**0.767**	**0.767**	**0.788**	**0.213**	**0.044**	**0.223**	**0.241**
a. Assumes 22 working days per month.																

Peak Daily PM2.5 Emissions (lbs/day)															
MITIGATED [a.]															
Construction Phase [b.]	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
TPAR															
DWP Equip Installation & Start Up and Commi...															
Utility Relocations															
Shoring															
Excavation for Utilidor															
Construct Utilidor															
Install Pipe Racks, Distrib Piping & Cable Tray															
Demo Electrical Building & Equipment	0.16	0.16													
CUP Building Shoring / Foundations Basement	3.74	3.74	3.74	3.74											
CUP Equipment & Installation															
CUP Building Structure / Enclosure															
Install & Energize Mechanical Equipment															
Decommission & Demo Exist CUP\Cooling To...	0.57	0.57	0.57												
Build Maintenance Building															
Build New Thermo Energy Storage Tank															
Full Plant Start-up & Commission New CUP															
Constr Dust Subtotal, lb/day	4.47	4.47	4.31	3.74	-	-	-	-	-	-	-	-	-	-	-
Storage Piles [c.]	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day	**4.57**	**4.57**	**4.42**	**3.85**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**
Max PM2.5 On-Site Constr Dust, lb/day															
a. Controls assumed to be part of the project design to compl															
b. Construction site demolition and excavation fugitive dust e															
c. EPA's Fugitive Dust Background Document and Technicalandbook, Table A9-9-E															
Monthly PM10 Emissions (tons/mo.) [a.]															
UNMITIGATED															
Construction Phase	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Constr Dust	0.544	0.538	0.524	0.069	-	-	-	-	-	-	-	-	-	-	-
Storage Piles	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.	**0.559**	**0.553**	**0.540**	**0.084**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**
a. Assumes 22 working days per month.															
Monthly PM2.5 Emissions (tons/mo.) [a.]															
UNMITIGATED															
Construction Phase	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Constr Dust	0.113	0.112	0.109	0.014	-	-	-	-	-	-	-	-	-	-	-
Storage Piles	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.	**0.117**	**0.116**	**0.113**	**0.018**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**
a. Assumes 22 working days per month.															
Monthly PM10 Emissions (tons/mo.) [a.]															
MITIGATED															
Construction Phase	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Constr Dust	0.235	0.230	0.216	0.027	-	-	-	-	-	-	-	-	-	-	-
Storage Piles	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.	**0.241**	**0.235**	**0.222**	**0.033**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**
a. Assumes 22 working days per month.															

Peak Daily PM2.5 Emissions (lbs/day)																			
MITIGATED [a.]																			
Construction Phase [b.]	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure																			
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building																			
Build New Thermo Energy Storage Tank													1.9188	1.9188	1.9188	1.91884	1.91884		
Full Plant Start-up & Commission New CUP																			
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	1.92	1.92	1.92	1.92	1.92	-	-
Storage Piles [c.]	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**2.03**	**2.03**	**2.03**	**2.03**	**2.03**	**0.11**	**0.11**
Max PM2.5 On-Site Constr Dust, lb/day																			
a. Controls assumed to be part of the project design to compl																			
b. Construction site demolition and excavation fugitive dust e																			
c. EPA's Fugitive Dust Background Document and Technical																			
Monthly PM10 Emissions (tons/mo.) [a.]																			
UNMITIGATED																			
Construction Phase	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	0.259	0.259	0.259	0.259	0.141	-	-
Storage Piles	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.274**	**0.274**	**0.274**	**0.274**	**0.157**	**0.015**	**0.015**
a. Assumes 22 working days per month.																			
Monthly PM2.5 Emissions (tons/mo.) [a.]																			
UNMITIGATED																			
Construction Phase	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	0.054	0.054	0.054	0.054	0.030	-	-
Storage Piles	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.057**	**0.057**	**0.057**	**0.057**	**0.033**	**0.003**	**0.003**
a. Assumes 22 working days per month.																			
Monthly PM10 Emissions (tons/mo.) [a.]																			
MITIGATED																			
Construction Phase	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	0.101	0.101	0.101	0.101	0.055	-	-
Storage Piles	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.107**	**0.107**	**0.107**	**0.107**	**0.061**	**0.006**	**0.006**
a. Assumes 22 working days per month.																			

Monthly PM2.5 Emissions (tons/mo.) [a.]																
MITIGATED																
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Constr Dust		-	-	-	-	-	-	0.036	0.159	0.159	0.159	0.163	0.043	0.008	0.045	0.049
Storage Piles		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.037**	**0.160**	**0.160**	**0.160**	**0.165**	**0.044**	**0.009**	**0.047**	**0.050**
a. Assumes 22 working days per month.																
Quarterly PM10 Emissions (tons/quarter)																
UNMITIGATED		2009	2010				2011				2012				2	
Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15
Constr Dust		-	-	2.394	5.875	1.014	1.625	0.593	-	-	-	-	-	-	-	0.518
Storage Piles		0.031	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046
PM10 On-Site Dust, tons/qrtr		**0.031**	**0.046**	**2.440**	**5.921**	**1.060**	**1.671**	**0.639**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.564**
Quarterly PM2.5 Emissions (tons/quarter)																
UNMITIGATED		2009	2010				2011				2012				2	
Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15
Constr Dust		-	-	0.500	1.227	0.212	0.339	0.124	-	-	-	-	-	-	-	0.108
Storage Piles		0.006	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
PM2.5 On-Site Dust, tons/qrtr		**0.006**	**0.010**	**0.510**	**1.236**	**0.221**	**0.349**	**0.133**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.118**
		Annual PM10 Emissions (tons/year)														
		UNMITIGATED														
		Construction Phase				2009	2010	2011	2012	2013						
		Constr Dust				-	9.28	2.22	-	1.18						
		Storage Piles				0.03	0.18	0.18	0.18	0.17						
		PM10 On-Site Dust, tons/yr				**0.03**	**9.47**	**2.40**	**0.18**	**1.35**						
		a. Annual construction dust emissions calculated with URBEMIS 2007 v.9.2.4.														

Monthly PM2.5 Emissions (tons/mo.) [a.]															
MITIGATED															
Construction Phase	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Constr Dust	0.049	0.048	0.045	0.006	-	-	-	-	-	-	-	-	-	-	-
Storage Piles	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.	**0.050**	**0.049**	**0.046**	**0.007**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**
a. Assumes 22 working days per month.															

Quarterly PM10 Emissions (tons/quarter)															
UNMITIGATED	2013														
Construction Phase	Qtr 16	Qtr 17		**Quarterly PM10 Emissions (tons/quarter)**											
Constr Dust	0.660	-		***MITIGATED***				2009	2010				2011		
Storage Piles	0.046	0.031		Construction Phase				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
PM10 On-Site Dust, tons/qrtr	**0.706**	**0.031**		Constr Dust				-	-	0.934	2.304	0.463	0.701	0.243	-
				Storage Piles				0.011	0.017	0.017	0.017	0.017	0.017	0.017	0.017
				PM10 On-Site Dust, tons/qrtr				**0.011**	**0.017**	**0.951**	**2.321**	**0.480**	**0.718**	**0.260**	**0.017**

Quarterly PM2.5 Emissions (tons/quarter)				**Quarterly PM2.5 Emissions (tons/quarter)**											
UNMITIGATED	2013			***MITIGATED***				2009	2010				2011		
Construction Phase	Qtr 16	Qtr 17		Construction Phase				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
Constr Dust	0.138	-		Constr Dust				-	-	0.195	0.481	0.097	0.146	0.051	-
Storage Piles	0.010	0.006		Storage Piles				0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004
PM2.5 On-Site Dust, tons/qrtr	**0.147**	**0.006**		**PM2.5 On-Site Dust, tons/qrtr**				**0.002**	**0.004**	**0.199**	**0.485**	**0.100**	**0.150**	**0.054**	**0.004**

	Annual PM10 Emissions (tons/year)														
	MITIGATED														
	Construction Phase				2009	2010	2011	2012	2013						
	Constr Dust				-	3.70	0.94	-	0.46						
	Storage Piles				0.01	0.07	0.07	0.07	0.06						
	PM10 On-Site Dust, tons/yr				**0.011**	**3.770**	**1.012**	**0.068**	**0.522**						

Monthly PM2.5 Emissions (tons/mo.) [a.]																			
MITIGATED																			
Construction Phase	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	0.021	0.021	0.021	0.021	0.012	-	-
Storage Piles	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.022**	**0.022**	**0.022**	**0.022**	**0.013**	**0.001**	**0.001**
a. Assumes 22 working days per month.																			
Quarterly PM10 Emissions (tons/quarter)																			
UNMITIGATED																			
Construction Phase																			
Constr Dust		2012				2013													
Storage Piles	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17										
PM10 On-Site Dust, tons/qrtr	-	-	-	-	-	-	0.202	0.257	-										
	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.011										
	0.017	**0.017**	**0.017**	**0.017**	**0.017**	**0.017**	**0.219**	**0.274**	**0.011**										
Quarterly PM2.5 Emissions (tons/quarter)																			
UNMITIGATED		2012				2013													
Construction Phase	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17										
Constr Dust	-	-	-	-	-	-	0.042	0.054	-										
Storage Piles	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.002										
PM2.5 On-Site Dust, tons/qrtr	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.046**	**0.057**	**0.002**										
	Annual PM2.5 Emissions (tons/year)										**Annual PM2.5 Emissions (tons/year)**								
	UNMITIGATED										***MITIGATED***								
	Construction Phase				2009	2010	2011	2012	2013		Construction Phase				2009	2010	2011	2012	2013
	Constr Dust				-	1.94	0.46	-	0.25		Constr Dust				-	0.77	0.20	-	0.10
	Storage Piles				0.01	0.04	0.04	0.04	0.04		Storage Piles				0.00	0.01	0.01	0.01	0.01
	PM2.5 On-Site Dust, tons/yr				**0.006**	**1.977**	**0.501**	**0.038**	**0.281**		**PM2.5 On-Site Dust, tons/yr**				**0.002**	**0.787**	**0.211**	**0.014**	**0.109**

LAX CUP																			
Fugitive VOC Emissions from Painting																			
Peak Painting VOC Emissions (lbs/day) a.																			
UNMITIGATED																			
Phase & Paint Start Date	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
TPAR	148																		
DWP Equip Installation & Start Up and Commi...	86																		
Utility Relocations	121																		
Shoring	98																		
Excavation for Utilidor	98																		
Construct Utilidor	200																		
Install Pipe Racks, Distrib Piping & Cable Tray	161																		
Demo Electrical Building & Equipment	107																		
CUP Building Shoring / Foundations Basement	111																		
CUP Equipment & Installation	371																		
CUP Building Structure / Enclosure[1]	43																		
Install & Energize Mechanical Equipment	156																		
Decommission & Demo Exist CUP\Cooling To...	162																		
Build Maintenance Building[2]	17																		
Build New Thermo Energy Storage Tank	100																		
Full Plant Start-up & Commission New CUP	21																		
On-Site Painting VOC, lb/day		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Max On-Site Painting VOC, lb/day	29.89																		
b. Building painting calculated from URBEMIS 2007 v.9.2.4																			
	[1]Assume two months of painting at the end of building construction (~1/6 of project construction)																		
	[2]Assume ~1/6 of construction is painting																		

LAX CUP																			
Fugitive VOC Emissions from Painting																			
Peak Painting VOC Emissions (lbs/day) a.																			
UNMITIGATED																			
Phase & Paint Start Date	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure[1]											29.89	29.89							
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building[2]																			
Build New Thermo Energy Storage Tank																			
Full Plant Start-up & Commission New CUP																			
On-Site Painting VOC, lb/day	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**29.89**	**29.89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Max On-Site Painting VOC, lb/day																			
b. Building painting calculated from URBEMIS 2007 v.9.2.4																			

LAX CUP												
Fugitive VOC Emissions from Painting												
Peak Painting VOC Emissions (lbs/day) a.												
UNMITIGATED												
Phase & Paint Start Date	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR												
DWP Equip Installation & Start Up and Commi...												
Utility Relocations												
Shoring												
Excavation for Utilidor												
Construct Utilidor												
Install Pipe Racks, Distrib Piping & Cable Tray												
Demo Electrical Building & Equipment												
CUP Building Shoring / Foundations Basement												
CUP Equipment & Installation												
CUP Building Structure / Enclosure[1]												
Install & Energize Mechanical Equipment												
Decommission & Demo Exist CUP\Cooling To...												
Build Maintenance Building[2]									26.34	26.34		
Build New Thermo Energy Storage Tank												
Full Plant Start-up & Commission New CUP												
On-Site Painting VOC, lb/day	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**26.34**	**26.34**	**-**	**-**
Max On-Site Painting VOC, lb/day												
b. Building painting calculated from URBEMIS 2007 v.9.2.4												

Quarterly Painting VOC Emissions (tons/qrtr) b.																	
	2009	2010				2011				2012				2013			
UNMITIGATED	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
	-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.33**	**0.31**	**-**	**-**	**-**	**-**	**0.22**	**-**
b. Calculated from URBEMIS 2007 V.9.2.4 daily emissions and number of painting/striping days in each quarter.																	
Annual Painting VOC Emissions (tpy) a.																	
UNMITIGATED																	
Construction Phase	2009	2010	2011	2012	2013												
TPAR																	
DWP Equip Installation & Start Up and Commi...																	
Utility Relocations																	
Shoring																	
Excavation for Utilidor																	
Construct Utilidor																	
Install Pipe Racks, Distrib Piping & Cable Tray																	
Demo Electrical Building & Equipment																	
CUP Building Shoring / Foundations Basement																	
CUP Equipment & Installation																	
CUP Building Structure / Enclosure1				0.64													
Install & Energize Mechanical Equipment																	
Decommission & Demo Exist CUP\Cooling To...																	
Build Maintenance Building2					0.22												
Build New Thermo Energy Storage Tank																	
Full Plant Start-up & Commission New CUP																	
On-Site Painting VOC, tons/year	**0.00**	**0.00**	**0.00**	**0.64**	**0.22**												
a. Painting VOC emissions calculated from peak daily painting emissions multiplied by the number of days of painting.																	

LAX CUP

Transfer and Demolition Truck Emissions

2010 EMFAC Emission Factors (lb/mi)[a]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206
Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html				Diesel ->	0.001689	0.001554	
				Fug Dust ->	0.000816	0.000138	

Transfer Truck Emissions (max pounds per day)[b]

	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Transfer Truck Emissions (20 trips/day x 10 mi/roundtrip)	2.4	0.6	7.6	0.0	0.5	0.3	842.2
Demolition Material Transfer Truck	0.4	0.1	0.8	0.0	0.0	0.0	143.7
Total	2.78	0.68	8.46	0.01	0.57	0.38	985.92
				Diesel ->	0.36	0.34	lb/day
				Fug Dust ->	0.17	0.03	lb/day

Transfer Truck Emissions (tons per quarter)[c]

	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Transfer Truck Emissions (66 days/qtr)	0.08	0.02	0.25	0.00	0.02	0.01	27.79
Demolition Material Transfer Truck (66 days/qtr)	0.01	0.00	0.03	0.00	0.00	0.00	4.74

Onsite Truck Emissions (tons per year)

Transfer Truck Emissions (tons/yr)	0.32	0.08	1.01	0.00	0.07	0.05	111.18
Demolition Material Transfer Truck Emissions (tons/yr)	0.05	0.01	0.11	0.00	0.01	0.00	18.97
Total Onsite Truck Emissions	0.37	0.09	1.12	0.00	0.07	0.05	130.14
Notes:				Diesel ->	0.05	0.04	tpy
[a.] EMFAC factors for 2010 HHDD diesel vehicles used.				Fug Dust ->	0.02	0.00	tpy

[b.] Per LAX Development Program Memo (14-Nov 2008) and Resource spreadsheet (West Bradley Resource Loaded Schedule 082410.xls),

[c.] 66 days/ quarter based on approximately 5 days per week.
Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html

Highest (Most Conservative) EMFAC2007 (version 2.3)
Emission Factors for On-Road Passenger Vehicles & Delivery Trucks
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model, taking the weighted average of vehicle types and simplifying into two categories:
Passenger Vehicles & Delivery Trucks.

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These emission factors can be used to calculate on-road mobile source emissions for the vehicle categories
listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

This methodology replaces the old EMFAC emission factors in Tables A-9-5-J-1 through A-9-5-L in
Appendix A9 of the current SCAQMD CEQA Handbook. All the emission factors account for the emissions
from start, running and idling exhaust. In addition, the VOC emission factors include diurnal, hot soak, running
and resting emissions, and the PM10 & PM2.5 emission factors include tire and brake wear.

Emission Factors for On-Road Heavy-Heavy-Duty Diesel Trucks
Projects in the SCAQMD
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Vehicle Class: Heavy-Heavy-Duty Diesel Trucks (33,001 to 60,000 pounds)
The following emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model and extracting the Heavy-Heavy-Duty Diesel Truck (HHDT) Emission Factors.

These emission factors can be used to calculate on-road mobile source emissions for the vehicle/emission
categories listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

LAX CUP

Transfer and Demolition Truck Emissions

The HHDT-DSL vehicle/emission category accounts for all emissions from heavy-heavy-duty diesel trucks, including start, running and idling exhaust. In addition, VOC emission factors account for diurnal, hot soak, running and resting emissions, and the PM10 & PM2.5 emission factors account for tire and brake wear.

The HHDT-DSL, Exh vehicle/emission category includes only the exhaust portion of PM10 & PM2.5 emissions from heavy-heavy-duty diesel trucks.

Scenario Year: 2010

All model years in the range 1966 to 2010

HHDT-DSL	
CO	0.01195456
NOx	0.03822102
VOC	0.00304157
SOx	0.00004131
PM10	0.00183062
PM2.5	0.00160083
CO2	4.21120578

HHDT-DSL, Exh	
PM10	0.00168861
PM2.5	0.00155435

Paved Road Fugitive Dust from "Improvement of Specific Emission Factors (BACM Project No. 1) Final Report," MRI, 1996.
Used High ADT, average conditions:

Paved Road Dust, lb/mi	
PM10	0.00081571
PM2.5	0.00013774

LAX CUP
Worker, Delivery, and Shuttle Bus Emissions

2010 EMFAC Emission Factors (lb/mi)

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger Vehicle, Gas (<8500 lb)	0.008263	0.000914	0.000918	0.000011	0.000903	0.000193	1.095682
Delivery Vehicle, Gas (>8500 lb)	0.018438	0.002590	0.020625	0.000027	0.001567	0.000780	2.732222
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206

Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html

Peak Day Construction Worker and Delivery Trucks (lbs/day)[a.]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger (Worker) Vehicles (146/day x 60 miles round trip)[b.]	72	8	8	0	8	2	9,598
Shuttle Bus - None	-	-	-	-	-	-	-
Delivery Trucks (20/day x 40 mi/rnd trip)[d.]	9.6	2.4	30.6	0.0	2.1	1.4	3369.0
Total On-Road Off-site Emissions (lbs/day)	82	10	39	0	10	3	12,967
Peak Daily Emission Rate (g/s)	1	0	0	0	0	0	163

Construction Worker and Delivery Trucks (tons per quarter)[e.]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger (Worker) Vehicles	2.4	0.3	0.3	0.0	0.3	0.1	316.7
Shuttle Bus - None	-	-	-	-	-	-	-
Delivery Trucks	0.3	0.1	1.0	0.0	0.1	0.0	111.2
Total On-Road Off-site Emissions (tons/quarter)	2.7	0.3	1.3	0.0	0.3	0.1	427.9
Annual Emission Rate (g/s)	1	0	0	0	0	0	163

Notes:

[a.] Per HNTB Memo (21-Oct 2008) and Resource spreadsheet (EIR#2 Monthly Reports 081810.xls),

[b.] Passenger vehicles include contractor personnel and LAWA/CM/Inspector trips, and assumes an average of 1.15 passengers per vehicle.

[c.] Shuttle bus emissions assumed to be equivalent to gasoline delivery vehicle (>8500 lbs).

[d.] Delivery Trucks assumed to be on-road HHDD trucks, delivering cement, aggregate, base coarse material, and miscellaneous materials.

[e.] Assumes 66 working days per quarter, and peak daily emissions per quarter.

Highest (Most Conservative) EMFAC2007 (version 2.3)
Emission Factors for On-Road Passenger Vehicles & Delivery Trucks
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model, taking the weighted average of vehicle types and simplifying into two categories
Passenger Vehicles & Delivery Trucks.

These emission factors can be used to calculate on-road mobile source emissions for the vehicle categories
listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

This methodology replaces the old EMFAC emission factors in Tables A-9-5-J-1 through A-9-5-L in
Appendix A9 of the current SCAQMD CEQA Handbook. All the emission factors account for the emissions
from start, running and idling exhaust. In addition, the VOC emission factors include diurnal, hot soak, running
and resting emissions, and the PM10 & PM2.5 emission factors include tire and brake wear.

Emission Factors for On-Road Heavy-Heavy-Duty Diesel Trucks
Projects in the SCAQMD
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Vehicle Class: Heavy-Heavy-Duty Diesel Trucks (33,001 to 60,000 pounds)
The following emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model and extracting the Heavy-Heavy-Duty Diesel Truck (HHDT) Emission Factors.

LAX CUP
Worker, Delivery, and Shuttle Bus Emissions
These emission factors can be used to calculate on-road mobile source emissions for the vehicle/emission
categories listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

The HHDT-DSL vehicle/emission category accounts for all emissions from heavy-heavy-duty diesel trucks,
including start, running and idling exhaust. In addition, VOC emission factors account for diurnal, hot soak,
running and resting emissions, and the PM10 & PM2.5 emission factors account for tire and brake wear.

The HHDT-DSL, Exh vehicle/emission category includes only the exhaust portion of PM10 & PM2.5 emissions
from heavy-heavy-duty diesel trucks.

Scenario Year: 2009
All model years in the range 1965 to

HHDT-DSL	
CO	0.012822
NOx	0.041846
VOC	0.003293
SOx	0.000040
PM10	0.001996
PM2.5	0.001752
CO2	4.210808

HHDT-DSL, Exh	
PM10	0.001854
PM2.5	0.001707

Scenario Year: 2010
All model years in the range 1966 to 2010

HHDT-DSL	
CO	0.011955
NOx	0.038221
VOC	0.003042
SOx	0.000041
PM10	0.001831
PM2.5	0.001601
CO2	4.211206

HHDT-DSL, Exh	
PM10	0.001689
PM2.5	0.001554

LAX CUP

Delivery Trucks Associated with Concrete Delivery

Pavement Schedule

	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111														22	22	22	22	22	2					
Utilidor*	223							4	22	22	22	22	22	22	22	22	22	22	2						
Thermal Storage	100																								
Total	434	-	-	-	-	-	-	4	22	22	22	22	22	22	44	44	43	43	24	2	-	-	-	-	-
Count		-	-	-	-	-	-	1	1	1	1	1	1	1	2	2	2	2	2	1	-	-	-	-	-

**Assumed that the excavation and construction would occur partially in parallel*

CO

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	10.8	10.8	10.8	10.8	10.8	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	0.59	0.59	0.59	0.59	0.59	0.59	0.59	11.44	11.44	11.44	11.44	11.44	10.84	-	-	-	-	-

VOC

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	2.8	2.8	2.8	2.8	2.8	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	0.15	0.15	0.15	0.15	0.15	0.15	0.15	2.94	2.94	2.94	2.94	2.94	2.78	-	-	-	-	-

NOX

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	35.4	35.4	35.4	35.4	35.4	35.4	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	1.94	1.94	1.94	1.94	1.94	1.94	1.94	37.32	37.32	37.32	37.32	37.32	35.38	-	-	-	-	-

SOX

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	0.03	0.03	0.03	0.03	0.03	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.03	-	-	-	-	-

PM10

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	3.1	3.1	3.1	3.1	3.1	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	3.24	3.24	3.24	3.24	3.24	3.07	-	-	-	-	-

PM2.5

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	2011 Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1.7	1.7	1.7	1.7	1.7	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	0.09	0.09	0.09	0.09	0.09	0.09	0.09	1.81	1.81	1.81	1.81	1.81	1.71	-	-	-	-	-

CUP

very Trucks Associate

Pavement Sched

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations																										111
Utilidor*																										223
Thermal Storage																			22	22	22	22	12			100
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	22	22	22	12	-	-	434
Count	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-	-	

**Assumed that the exc*

CO

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	-	-	3
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	0.68	0.68	0.68	0.68	-	-	76

VOC

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	-	-	1
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	0.18	0.18	0.18	0.18	-	-	19

NOX

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	2.2	2.2	2.2	2.2	-	-	11
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.23	2.23	2.23	2.23	2.23	-	-	247

SOX

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.01
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.24

PM10

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	-	-	1
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	0.19	0.19	0.19	0.19	-	-	21

PM2.5

lbs/day	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
			2012												2013											
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	-	-	1
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.11	0.11	0.11	0.11	-	-	12

CO2																									
lbs/day	**Total**	**2009**		**2010**												**2011**									
	Days	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	3,561	3,561	3,561	3,561	3,561	3,561	-	-	-	-	-
Utilidor*	223	-	-	-	-	-	-	195	195	195	195	195	195	195	195	195	195	195	195	-	-	-	-	-	-
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	434	-	-	-	-	-	-	195	195	195	195	195	195	195	3,756	3,756	3,756	3,756	3,756	3,561	-	-	-	-	-
lbs/day	**Total**	**2009**		**2010**												**2011**									
	Days	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**
CO	434	-	-	-	-	-	-	0.59	0.59	0.59	0.59	0.59	0.59	0.59	11.44	11.44	11.44	11.44	11.44	10.84	-	-	-	-	-
VOC	434	-	-	-	-	-	-	0.15	0.15	0.15	0.15	0.15	0.15	0.15	2.94	2.94	2.94	2.94	2.94	2.78	-	-	-	-	-
NOX	434	-	-	-	-	-	-	1.94	1.94	1.94	1.94	1.94	1.94	1.94	37.32	37.32	37.32	37.32	37.32	35.38	-	-	-	-	-
SOX	434	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.03	-	-	-	-	-
PM10	434	-	-	-	-	-	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	3.24	3.24	3.24	3.24	3.24	3.07	-	-	-	-	-
PM2.5	434	-	-	-	-	-	-	0.09	0.09	0.09	0.09	0.09	0.09	0.09	1.81	1.81	1.81	1.81	1.81	1.71	-	-	-	-	-
CO2	434	-	-	-	-	-	-	195	195	195	195	195	195	195	3,756	3,756	3,756	3,756	3,756	3,561	-	-	-	-	-
	Max																								
	lbs/day	**2009**		**2010**			**2011**				**2012**				**2013**				**Peak**						
		Q4	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**lbs/day**						
	CO	-	-	0.59	0.59	11.44	11.44	11.44	-	-	-	-	-	-	-	0.68	0.68	-	11.44						
	VOC	-	-	0.15	0.15	2.94	2.94	2.94	-	-	-	-	-	-	-	0.18	0.18	-	2.94						
	NOX	-	-	1.94	1.94	37.32	37.32	37.32	-	-	-	-	-	-	-	2.23	2.23	-	37.32						
	SOX	-	-	0.00	0.00	0.04	0.04	0.04	-	-	-	-	-	-	-	0.00	0.00	-	0.04						
	PM10	-	-	0.17	0.17	3.24	3.24	3.24	-	-	-	-	-	-	-	0.19	0.19	-	3.24						
	PM2.5	-	-	0.09	0.09	1.81	1.81	1.81	-	-	-	-	-	-	-	0.11	0.11	-	1.81						
	Cubic yds			*Concrete*	*Cu*	*Oneway*	*VMT/*	*CO*	*VOC*	*NOX*	*SOX*	*PM10*	*PM2.5*	*CO2*											
			Days	*(cu yds)*	*yds/day*	*Trips/Day*	*day*	*lbs/day*	*lbs/day*	*lbs/day*	*lbs/day*	*lbs/day*	*lbs/day*	*lbs/day*											
	CUP Foundations		111	54,500	491	41	846	11	3	35	0	3	2	3,561											
		*Utilidor**	223	6,000	27	2	46	1	0	2	0	0	0	195											
	Thermal Storage		100	3,100	31	3	53	1	0	2	0	0	0	225											
		Total	434	63,600	549	46	945	12	3	40	0	3	2	3,981											

CO2																										
lbs/day			2012												2013											
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
UP Foundations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,364
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,341
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	225	225	225	225	-	-	1,124
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	225	225	225	225	-	-	24,829

lbs/day			2012												2013											
	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Total
CO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	0.68	0.68	0.68	0.68	-	-	11.44
VOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	0.18	0.18	0.18	0.18	-	-	2.94
NOX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.23	2.23	2.23	2.23	2.23	-	-	37.32
SOX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.04
PM10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	0.19	0.19	0.19	0.19	-	-	3.24
PM2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.11	0.11	0.11	0.11	-	-	1.81
CO2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	225	225	225	225	-	-	3,756

Tons/Quarter	2009	2010				2011				2012				2013			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CO	0.00	0.00	0.01	0.02	0.14	0.37	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00
VOC	0.00	0.00	0.00	0.00	0.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOX	0.00	0.00	0.02	0.04	0.43	0.81	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.00
SOX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
PM2.5	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2	0.00	0.00	2.50	4.23	43.39	81.37	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95	6.29	0.00

Tons/year	2009	2010	2011	2012	2013	Peak
CO	0.00	0.17	0.50	0.00	0.03	0.50
VOC	0.00	0.04	0.07	0.00	0.01	0.07
NOX	0.00	0.50	0.84	0.00	0.11	0.84
SOX	0.00	0.00	0.00	0.00	0.00	0.00
PM10	0.00	0.04	0.07	0.00	0.01	0.07
PM2.5	0.00	0.02	0.04	0.00	0.01	0.04
CO2	0.00	50.13	84.94	0.00	11.24	84.94

LAX CUP
Construction Toxic Air Contaminant Emissions Inventory

		Peak Hourly Construction Emissions, lbs/hr					Annual Average Construction Emissions, lbs/year				
Toxic Air Contaminant (TAC)	**CAS**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Painting**	**Paving**	**TAC Totals**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Painting**	**Paving**	**TAC Totals**
acetaldehyde	75070	0.0039	-	-	-	**0.004**	0.1548	-	-	-	**0.155**
acrolein	107028	-	-	-	-	**-**	-	-	-	-	**-**
benzene	71432	0.0011	-	-	-	**0.001**	0.0421	-	-	-	**0.042**
butadiene, 1,3-	106990	0.0001	-	-	-	**0.000**	0.0040	-	-	-	**0.004**
ethylbenzene	100414	0.0002	-	0.000	-	**0.000**	0.0064	-	-	-	**0.006**
ethylene glycol	107211	-	-	0.000	-	**0.000**	-	-	0.001	-	**0.001**
formaldehyde	50000	0.0078	-	-	-	**0.008**	0.3099	-	-	-	**0.310**
hexane, n-	110543	0.0001	-	0.001	-	**0.001**	0.0033	-	0.013	-	**0.016**
isopropyl alcohol	67630	-	-	0.000	-	**0.000**	-	-	0.001	-	**0.001**
methyl alcohol	67561	0.0000	-	0.000	-	**0.000**	0.0006	-	0.001	-	**0.001**
methyl ethyl ketone	78933	0.0008	-	0.000	-	**0.001**	0.0311	-	0.001	-	**0.032**
methyl t-butyl ether	1634044	-	-	-	-	**-**	-	-	-	-	**-**
naphthalene	91203	0.0000	-	-	0.000	**0.000**	0.0018	-	-	0.000	**0.002**
phenol	108952	-	-	-	-	**-**	-	-	-	-	**-**
propylene	115071	0.0014	-	-	-	**0.001**	0.0547	-	-	-	**0.055**
styrene	100425	0.0000	-	-	-	**0.000**	0.0012	-	-	-	**0.001**
toluene	108883	0.0008	-	0.003	-	**0.004**	0.0310	-	0.039	-	**0.070**
xylene, m-	108383	0.0003	-	0.000	-	**0.000**	0.0129	-	-	-	**0.013**
xylene, o-	95476	0.0002	-	0.000	-	**0.000**	0.0071	-	-	-	**0.007**
xylene, p-	106423	0.0001	-	0.000	-	**0.000**	0.0020	-	-	-	**0.002**
AMMONIUM ION	14798039	0.0180	0.001	-	-	**0.019**	0.7095	0.042	-	-	**0.751**
ANTIMONY	7440360	0.0002	0.000	-	-	**0.000**	0.0076	0.005	-	-	**0.013**
ARSENIC	7440382	0.0000	0.000	-	-	**0.000**	0.0011	0.006	-	-	**0.007**
BROMINE	7726956	0.0001	0.000	-	-	**0.000**	0.0038	0.009	-	-	**0.013**
CADMIUM	7440439	0.0002	0.000	-	-	**0.000**	0.0084	0.010	-	-	**0.019**
CHLORINE	7782505	0.0018	0.031	-	-	**0.033**	0.0724	1.120	-	-	**1.193**
CHROMIUM VI	7440473	0.0001	0.002	-	-	**0.002**	0.0025	0.069	-	-	**0.072**
COPPER	7440508	0.0001	0.001	-	-	**0.001**	0.0053	0.036	-	-	**0.042**

		Peak Hourly Construction Emissions, lbs/hr					Annual Average Construction Emissions, lbs/year				
Toxic Air Contaminant (TAC)	**CAS**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Painting**	**Paving**	**TAC Totals**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Painting**	**Paving**	**TAC Totals**
LEAD	7439921	0.0002	0.005	-	-	**0.005**	0.0088	0.185	-	-	**0.194**
MANGANESE	7439965	0.0002	0.008	-	-	**0.009**	0.0084	0.303	-	-	**0.312**
MERCURY	7439976	0.0002	0.000	-	-	**0.000**	0.0063	0.005	-	-	**0.012**
NICKEL	7440020	0.0001	0.001	-	-	**0.001**	0.0040	0.020	-	-	**0.024**
SELENIUM	7782492	0.0001	0.000	-	-	**0.000**	0.0021	0.001	-	-	**0.003**
SILICON	7440213	0.0133	1.785	-	-	**1.799**	0.5240	64.329	-	-	**64.853**
SULFATES	14808798	0.0930	0.043	-	-	**0.136**	3.6704	1.554	-	-	**5.225**
VANADIUM	7440622	0.0002	0.002	-	-	**0.003**	0.0061	0.087	-	-	**0.093**
ZINC	7440666	0.0023	0.005	-	-	**0.007**	0.0922	0.175	-	-	**0.267**
DIESEL PM		5.335	-	-	-	**5.335**	2,106	-	-	-	**2,106**

	Peak lbs/day		*Avg Annual lbs/yr*	
	PM10	**VOC**	**PM10**	**VOC**
Diesel Vehicle Exhaust	53.35	120.18	2,106	5,577
Construction Dust	73.17	-	2,636	-
Paving	-	0.01	-	0.70
Painting	-	29.89	-	424.41

100 *Percentage*
10 working hours/day
49 months/project

4.08 yrs
2000 lbs/ton

	On-Site Equipment	CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	23.54	5.77	43.20	-	2.69	2.48	4,119.93
	Q2	23.54	5.77	43.20	-	2.69	2.48	4,119.93
	Q3	4.68	1.11	8.51	-	0.54	0.50	893.39
	Q4	4.68	1.11	8.51	-	0.54	0.50	893.39

	Worker Trips	CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	3.30	0.10	0.19	0.00	0.03	0.02	404.53
	Q2	3.30	0.10	0.19	0.00	0.03	0.02	404.53
	Q3	0.51	0.02	0.03	0.00	0.00	0.00	62.66
	Q4	0.51	0.02	0.03	0.00	0.00	0.00	62.66

	Delivery Truck Trips	CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q2	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q3	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q4	0.40	0.05	0.54	0.00	0.03	0.02	104.22

	Transfer Truck Trips	CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	0.23	0.05	0.56	0.00	0.03	0.02	83.01
	Q2	0.23	0.05	0.56	0.00	0.03	0.02	83.01
	Q3	-	-	-	-	-	-	-
	Q4	-	-	-	-	-	-	-

		Unmitigated		*Mitigated*	
	Fugitive Dust	PM10	PM2.5	PM10	PM2.5
2011 lbs/day	Q1	3.69	0.77	1.44	0.30
	Q2	3.69	0.77	1.44	0.30
	Q3	-	-	-	-
	Q4	-	-	-	-

	Paving	CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	-	0.01	-	-	-	-	-
	Q2	-	0.01	-	-	-	-	-
	Q3	-	-	-	-	-	-	-
	Q4	-	-	-	-	-	-	-

Summary

Unmitigated					*Unmitigated*		*Mitigated*		
lbs/day	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
Q1	27.47	5.97	44.50	0.01	6.46	3.31	4.21	2.84	4,713.13
Q2	27.47	5.97	44.50	0.01	6.46	3.31	4.21	2.84	4,713.13
Q3	5.59	1.18	9.08	0.00	0.57	0.52	0.57	0.52	1,060.26
Q4	5.59	1.18	9.08	0.00	0.57	0.52	0.57	0.52	1,060.26
					Unmitigated		*Mitigated*		
tons/qtr	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
Q1	0.91	0.20	1.47	0.00	0.21	0.11	0.14	0.09	155.53
Q2	0.91	0.20	1.47	0.00	0.21	0.11	0.14	0.09	155.53
Q3	0.18	0.04	0.30	0.00	0.02	0.02	0.02	0.02	34.99
Q4	0.18	0.04	0.30	0.00	0.02	0.02	0.02	0.02	34.99
					Unmitigated		*Mitigated*		
tpy	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
2011	2.18	0.47	3.54	0.00	0.46	0.25	0.32	0.22	381.04

Health Risk Assessment

	Construction				**Trucks**	
	Pipe Diesel (g/s)	**Plant Diesel ($g/s/m^2$)**	**Pipe Dust (g/s)**	**Paving ($g/s/m^2$)**	**Exhaust (g/s)**	**Road Dust (g/s)**
PM10[1]						
Period	0.0066	3.01E-06	0.0044	NA	0.0001	0.00001
PM10[2]						
Period	0.0066	3.01E-06	0.0114	NA	0.0001	0.00001
VOC						
Period	0.0144	6.16E-06	NA	5.90E-06	0.0001	NA

[1] *Controlled PM10*

[2] *Uncontrolled PM10*

LAX CUP											
Reclaimed Water Treatment Plant											
Urbemis 2007 Version 9.2.4											
Combined Summer Emissions Reports (Pounds/Day)											
File Name: R:\LAX CUP\URBEMIS\LAX Treatment Plant.urb924											
Project Name: LAX CUP - Treatment Plant Construction											
Project Location: Los Angeles County											
On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006											
Off-Road Vehicle Emissions Based on: OFFROAD2007											
Summary Report:											
CONSTRUCTION EMISSION ESTIMATES											
	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmi	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Construction Unmitigated Detail Report:											
CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated											
	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-12/30/2	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Building 01/03/2011-12/30/2	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Building Off Road Diesel	1.11	8.51	4.68	0.00	0.00	0.54	0.54	0.00	0.50	0.50	893.39
Building Vendor Trips	0.05	0.54	0.40	0.00	0.00	0.02	0.03	0.00	0.02	0.02	104.22
Building Worker Trips	0.02	0.03	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.66
Phase Assumptions											
Phase: Building Construction 1/3/2011 - 12/30/2011 - Treatment Plant Construction											
Off-Road Equipment:											
1 Cranes (399 hp) operating at a 0.43 load factor for 4 hours per day											
2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day											
1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day											

LAX CUP

Reclaimed Water Pipeline

Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: R:\LAX CUP\URBEMIS\LAX Reclaimed Water Excavation.urb924

Project Name: LAX CUP - Reclaimed Water Pipe Excavation and Treatment Plant

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmitigated)	4.79	35.42	21.88	0.00	3.71	2.18	5.89	0.78	2.01	2.78	3,651.43
2011 TOTALS (lbs/day mitigated)	4.79	35.42	21.88	0.00	1.46	2.18	3.64	0.31	2.01	2.31	3,651.43

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-1/14/2011 Active Days: 10	2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
Mass Grading 01/03/2011-06/13/2011	2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
Mass Grading Dust	0.00	0.00	0.00	0.00	3.69	0.00	3.69	0.77	0.00	0.77	0.00
Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 1/17/2011-6/13/2011 Active Days: 106	**4.79**	**35.42**	**21.88**	**0.00**	**3.71**	**2.18**	**5.89**	**0.78**	**2.01**	**2.78**	**3,651.43**
Asphalt 01/17/2011-06/30/2011	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
Mass Grading 01/03/2011-06/13/2011	2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
Mass Grading Dust	0.00	0.00	0.00	0.00	3.69	0.00	3.69	0.77	0.00	0.77	0.00
Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 6/14/2011-6/30/2011 Active Days: 13	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Asphalt 01/17/2011-06/30/2011	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55

Phase Assumptions

Phase: Mass Grading 1/3/2011 - 6/13/2011 - Reclaimed Water Pipeline

Total Acres Disturbed: 0.48

Maximum Daily Acreage Disturbed: 0.12

Fugitive Dust Level of Detail: Low

Onsite Cut/Fill: 17 cubic yards/day; Offsite Cut/Fill: 1.1 cubic yards/day

On Road Truck Travel (VMT): 18.86

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

LAX CUP

Reclaimed Water Pipeline

Phase: Paving 1/17/2011 - 6/30/2011 - Road paving

Acres to be Paved: 0.24

Off-Road Equipment:

4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-1/14/2011 Active Days: 10	2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
Mass Grading 01/03/2011-06/13/2011	2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
Mass Grading Dust	0.00	0.00	0.00	0.00	1.44	0.00	1.44	0.30	0.00	0.30	0.00
Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 1/17/2011-6/13/2011 Active Days: 106	**4.79**	**35.42**	**21.88**	**0.00**	1.46	**2.18**	3.64	0.31	**2.01**	2.31	**3,651.43**
Asphalt 01/17/2011-06/30/2011	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
Mass Grading 01/03/2011-06/13/2011	2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
Mass Grading Dust	0.00	0.00	0.00	0.00	1.44	0.00	1.44	0.30	0.00	0.30	0.00
Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 6/14/2011-6/30/2011 Active Days: 13	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Asphalt 01/17/2011-06/30/2011	1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 1/3/2011 - 6/13/2011 - Reclaimed Water Pipeline

For Soil Stablizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

LAX Central Utilties Plant (CUP)

Construction - Emissions Summary (Maximum Daily, Maximum Quarterly, Annual, and Project Total)

Maximum Daily Emissions: Uncontrolled (lb/day)

Pollutant	2009	2010				2011				2012				2013				Peak Quarter lbs/day	SCAQMD Significance Threshold	Emissions Exceed Threshold?
	Qtr 1[1]	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 10	Qtr 11	Qtr 12	Qtr 13[2]			
Carbon monoxide, CO	82.5	81.3	139.2	109.0	189.9	208.4	130.2	89.7	88.0	112.0	108.6	77.7	72.7	70.9	135.6	139.7	123.4	208	550	No
Reactive organic Gas, VOC	17.8	17.2	35.2	26.1	50.0	52.2	28.9	18.9	18.4	53.2	52.2	13.7	12.0	11.5	28.8	55.0	25.4	55	75	No
Nitrogen oxides, NOx	112.5	108.9	222.6	159.3	342.4	362.6	210.0	120.6	117.3	139.9	132.7	73.1	64.8	61.8	178.8	173.7	144.7	363	100	Yes
Sulfur dioxide, SO2	0.2	0.2	0.3	0.2	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0	150	No
Respirable particulates, PM10	11.6	11.4	33.6	32.6	74.8	79.8	70.7	12.3	12.1	14.3	13.9	10.6	10.3	10.1	39.7	40.2	14.6	80	150	No
Fine particulates, PM2.5	6.3	6.1	15.2	12.4	28.0	29.9	22.2	6.9	6.7	7.9	7.6	4.7	4.2	4.0	14.2	14.2	8.1	30	55	No

Maximum Daily Emissions: Controlled (lb/day)[a]

Pollutant	2009	2010				2011				2012				2013				Peak Quarter lbs/day	SCAQMD Significance Threshold	Emissions Exceed Threshold?
	Qtr 1[1]	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 10	Qtr 11	Qtr 12	Qtr 13[2]			
Carbon monoxide, CO	82.5	81.3	139.2	109.0	189.9	208.4	130.2	89.7	88.0	112.0	108.6	77.7	72.7	70.9	135.6	139.7	123.4	208	550	No
Reactive organic Gas, VOC	17.8	17.2	35.2	26.1	50.0	52.2	28.9	18.9	18.4	53.2	52.2	13.7	12.0	11.5	28.8	55.0	25.4	55	75	No
Nitrogen oxides, NOx	112.5	108.9	222.6	159.3	342.4	362.6	210.0	120.6	117.3	139.9	132.7	73.1	64.8	61.8	178.8	173.7	144.7	363	100	Yes
Sulfur dioxide, SO2	0.2	0.2	0.3	0.2	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0	150	No
Respirable particulates, PM10	10.4	10.2	22.1	21.4	44.7	47.5	39.2	11.4	11.2	13.4	13.0	9.7	9.2	9.1	24.3	24.8	13.7	47	150	No
Fine particulates, PM2.5	5.9	5.7	12.2	9.6	20.8	22.4	15.4	6.7	6.5	7.7	7.4	4.5	3.8	3.6	10.9	10.8	7.9	22	55	No

Maximum Daily Emissions, Uncontrolled, by Equipment Category (lb/day)

Equipment Type	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Off-road, On-Site Equipment	133.7	40.8	272.7	0.3	14.9	13.5	27,253
On-Road, On-Site Trucks	2.2	0.5	6.6	0.0	0.4	0.3	775.4
On-Road, Offsite Deliveries	18.3	4.7	59.2	0.1	4.7	2.8	2,526.7
On-Road, Offsite Workers	35.7	3.9	4.0	0.0	3.9	0.8	4,733.3
Fugitive Dust					50.8	10.6	
Paving/Painting VOC		29.9					
Total (lbs/day)	189.9	79.9	342.4	0.43	74.8	28.0	35,288

Total Emissions, Uncontrolled (tons)

Pollutant	2009	2010	2011	2012	2013	Project Total
CO	1.51	15.14	16.41	10.95	12.62	56.62
VOC [b.]	0.30	3.64	3.66	2.03	2.36	11.99
NOx	1.83	23.03	24.35	11.49	13.53	74.23
SOx	0.00	0.03	0.03	0.02	0.03	0.11
PM10 [b.]	0.22	3.56	4.57	1.48	1.63	11.47
PM2.5 [b.]	0.11	1.57	1.84	0.52	0.53	4.57
CO_2	280	2,902	3,174	2,027	2,425	10,809

Maximum Daily Emissions, Controlled, by Equipment Category (lb/day) [a.]

Equipment Type	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Off-road, On-Site Equipment	133.7	40.8	272.7	0.31	13.7	12.3	27,253
On-Road, On-Site Trucks	2.2	0.5	6.6	0.0	0.4	0.3	775
On-Road, Offsite Deliveries	18.3	4.7	59.2	0.1	4.7	2.8	2,527
On-Road, Offsite Workers	35.7	3.9	4.0	0.0	3.9	0.8	4,733
Fugitive Dust					21.9	1.4	
Painting VOC		29.9					
Total (lbs/day)	189.9	79.9	342.4	0.43	44.7	17.6	35,288

Total Emissions, Controlled (tons)

Pollutant	2009	2010	2011	2012	2013	Project Total
CO	1.51	15.14	16.41	10.95	12.62	56.62
VOC [b.]	0.30	3.64	3.66	2.03	2.36	11.99
NOx	1.83	23.03	24.35	11.49	13.53	74.23
SOx	0.00	0.03	0.03	0.02	0.03	0.11
PM10 [b.]	0.20	2.49	4.27	1.36	1.95	10.26
PM2.5 [b.]	0.10	1.31	2.43	0.66	0.84	5.34
CO_2	280	2,902	3,174	2,027	2,425	10,809

a. "Controlled" includes emission reduction measures required by regulation (e.g., SCAQMD Rule 403), or the LAX Master Plan Community Benefits Agreement (construction equipment diesel particulate filters). These reductions are part of the project design.

b. Annual emissions of VOC from painting/paving, PM10 and PM2.5 from fugitive dust were calculated using URBEMIS 2007 v.9.2.4.

Prepared by: CDM 2009.

LAX Central Utilities Plant (CUP)
Construction - Equipment Emission Factors and Hourly Emissions

No.	Resource Name	Category	Fuel Type	Onroad/ Offroad	HP	Peak Week Hours	Average Daily Hours in Peak	Load Factor[a.]	Usage Factor[b.]
1	Vacuum Sweeper	Sweepers/Scrubbers	Diesel	Offroad	83	212	42	0.68	0.85
2	Water Truck Inc Water	Off-Highway Trucks	Diesel	Offroad	230	238	48	0.41	0.85
3	CAT 428 Backhoe	Tractors/Loaders/Backhoes	Diesel	Offroad	170	361	72	0.47	0.85
4	CAT H964 Rubber Tire Loader	Rubber Tired Loaders	Diesel	Offroad	200	234	47	0.54	0.85
5	14 YD Semi End Dumps	Dumpers/Tenders	Diesel	Offroad	174	579	116	0.38	0.85
6	Light Plants	Other General Industrial Equipment	Diesel	Offroad	450	342	68	0.62	0.85
7	30 KW Generator	Generator Sets	Diesel	Offroad	268	368	74	0.74	0.85
8	Truck / Trailer Low Boy	Off-Highway Trucks	Diesel	Offroad	210	15	3	0.41	0.85
9	Ready Mix Truck	Off-Highway Trucks	Diesel	Offroad	530	217	43	0.41	0.85
10	CAT330D Excavator	Excavators	Diesel	Offroad	84	16	3	0.58	0.85
11	100 T Grove Mobile Crane	Cranes	Diesel	Offroad	85	15	3	0.43	0.85
12	Gradall 544D Hi Lift	Forklift	Diesel	Offroad	125	215	43	0.30	0.85
13	JD 210LJ Skiploader	Rubber Tired Loaders	Diesel	Offroad	270	24	5	0.54	0.85
14	Hydrolic Caissons Drill Rig	Bore/Drill Rigs	Diesel	Offroad	268	172	34	0.75	0.85
15	50 Ton Grove Crane	Cranes	Diesel	Offroad	350	27	5	0.43	0.85
16	Cat 385C Excavator	Excavators	Diesel	Offroad	400	89	18	0.58	0.85
17	10 Yard Dump Trucks	Dumpers/Tenders	Diesel	Offroad	160	713	143	0.38	0.85
18	Cat CP76 Compactor	Crushing/Proc. Equipment	Diesel	Offroad	15	178	36	0.78	0.85
19	Maint. Vehicle	HHDD Vehicle, Diesel (33,001 to 60,000 lb)	Diesel	Onroad	450	460	92	1.00	0.85
20	300 AMP Arc Welder[c.]	Welders	Diesel	Offroad	40	NA	NA	0.45	0.85
21	36M Boom Pump[d.]	Cement and Mortar Mixers	Diesel	Offroad	350	NA	NA	0.56	0.85
22	Man Basket[d.]	Aerial Lifts	Diesel	Offroad	600	NA	NA	0.51	0.85
23	Pickups[c.]	Passenger Vehicle, Gas (<8500 lb)	Gas	Onroad	450	NA	NA	1.00	0.85
24	Sissor Lift[d.]	Aerial Lifts	Diesel	Offroad	33	NA	NA	0.51	0.85

a. Load factors from CEQA Air Quality Handbook, SCAQMD, Diamond Bar, CA, 1993. Table A9-8-D.
b. Usage factor estimated by assuming 10 hour shift includes 1.5 hours down time for meal and breaks.
c. Horespower assumed based on similar equipment provided in the LAX Bradely West Draft EIR.
d. Horsepower assumed by CDM

Passenger and employee vehicles assumed a load factor of 1
Trucks load factors assumed to be off-highway trucks

South Coast Air Basin (SCAB) Fleet Average Emission Factors (Diesel)
Source: http://www.aqmd.gov/ceqa/handbook/offroad/offroadEF07_25.xls

	2009							2010						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0049	0.0015	0.0085	0.0000	0.0005	0.8790	0.0001	0.0047	0.0014	0.0082	0.0000	0.0005	0.8790	0.0001
Air Compressors	0.0058	0.0019	0.0114	0.0000	0.0007	1.0079	0.0002	0.0056	0.0018	0.0110	0.0000	0.0006	1.0079	0.0002
Bore/Drill Rigs	0.0039	0.0009	0.0074	0.0000	0.0004	0.9663	0.0001	0.0038	0.0008	0.0070	0.0000	0.0003	0.9663	0.0001
Cement and Mortar Mixers	0.0059	0.0018	0.0092	0.0000	0.0006	1.0032	0.0002	0.0057	0.0017	0.0088	0.0000	0.0006	1.0032	0.0002
Concrete/Industrial Saws	0.0041	0.0011	0.0078	0.0000	0.0005	0.7513	0.0001	0.0063	0.0019	0.0095	0.0000	0.0007	0.9578	0.0002
Cranes	0.0058	0.0020	0.0103	0.0000	0.0007	0.8806	0.0002	0.0056	0.0019	0.0098	0.0000	0.0006	0.8806	0.0002
Crawler Tractors	0.0067	0.0021	0.0127	0.0000	0.0007	1.0168	0.0002	0.0064	0.0020	0.0121	0.0000	0.0007	1.0168	0.0002
Crushing/Proc. Equipment	0.0055	0.0019	0.0105	0.0000	0.0006	0.9469	0.0002	0.0053	0.0018	0.0101	0.0000	0.0006	0.9469	0.0002
Dumpers/Tenders	0.0036	0.0012	0.0070	0.0000	0.0004	0.8026	0.0001	0.0035	0.0011	0.0068	0.0000	0.0004	0.8026	0.0001
Excavators	0.0054	0.0017	0.0099	0.0000	0.0006	0.9930	0.0002	0.0053	0.0016	0.0093	0.0000	0.0006	0.9930	0.0001
Forklifts	0.0059	0.0020	0.0098	0.0000	0.0007	0.9363	0.0002	0.0057	0.0018	0.0092	0.0000	0.0006	0.9363	0.0002
Generator Sets	0.0045	0.0013	0.0092	0.0000	0.0005	0.8728	0.0001	0.0044	0.0013	0.0088	0.0000	0.0005	0.8728	0.0001
Graders	0.0064	0.0021	0.0119	0.0000	0.0008	1.0663	0.0002	0.0062	0.0020	0.0113	0.0000	0.0007	1.0663	0.0002
Off-Highway Tractors	0.0105	0.0028	0.0221	0.0000	0.0012	1.5569	0.0003	0.0101	0.0027	0.0212	0.0000	0.0012	1.5569	0.0002
Off-Highway Trucks	0.0057	0.0017	0.0161	0.0000	0.0007	1.5314	0.0002	0.0055	0.0016	0.0151	0.0000	0.0006	1.5314	0.0001
Other Construction Equipment	0.0058	0.0016	0.0088	0.0000	0.0006	0.9552	0.0001	0.0057	0.0015	0.0085	0.0000	0.0005	0.9552	0.0001
Other General Industrial Equipment	0.0047	0.0015	0.0094	0.0000	0.0005	0.8524	0.0001	0.0046	0.0014	0.0090	0.0000	0.0005	0.8524	0.0001
Other Material Handling Equipment	0.0054	0.0019	0.0092	0.0000	0.0006	0.7654	0.0002	0.0052	0.0018	0.0088	0.0000	0.0006	0.7654	0.0002
Pavers	0.0070	0.0024	0.0124	0.0000	0.0008	1.0376	0.0002	0.0068	0.0023	0.0119	0.0000	0.0008	1.0376	0.0002
Paving Equipment	0.0067	0.0024	0.0112	0.0000	0.0008	0.9450	0.0002	0.0065	0.0023	0.0108	0.0000	0.0008	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0050	0.0000	0.0003	0.6688	0.0001	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0064	0.0019	0.0098	0.0000	0.0007	0.9154	0.0002	0.0063	0.0018	0.0095	0.0000	0.0007	0.9154	0.0002
Pumps	0.0046	0.0015	0.0092	0.0000	0.0005	0.8714	0.0001	0.0045	0.0014	0.0089	0.0000	0.0005	0.8714	0.0001
Rollers	0.0055	0.0017	0.0094	0.0000	0.0006	0.9031	0.0002	0.0054	0.0016	0.0091	0.0000	0.0006	0.9031	0.0001
Rough Terrain Forklifts	0.0084	0.0028	0.0141	0.0000	0.0010	1.3085	0.0003	0.0081	0.0026	0.0133	0.0000	0.0009	1.3085	0.0002
Rubber Tired Dozers	0.0068	0.0017	0.0147	0.0000	0.0007	1.0601	0.0002	0.0065	0.0016	0.0140	0.0000	0.0006	1.0601	0.0001
Rubber Tired Loaders	0.0061	0.0020	0.0117	0.0000	0.0007	1.0902	0.0002	0.0059	0.0019	0.0112	0.0000	0.0006	1.0902	0.0002
Scrapers	0.0065	0.0019	0.0147	0.0000	0.0008	1.1666	0.0002	0.0063	0.0018	0.0140	0.0000	0.0008	1.1666	0.0002
Signal Boards	0.0054	0.0017	0.0095	0.0000	0.0006	0.9043	0.0002	0.0053	0.0016	0.0092	0.0000	0.0006	0.9043	0.0001
Skid Steer Loaders	0.0068	0.0022	0.0090	0.0000	0.0007	0.9181	0.0002	0.0066	0.0020	0.0087	0.0000	0.0007	0.9181	0.0002
Surfacing Equipment	0.0050	0.0015	0.0102	0.0000	0.0006	0.9348	0.0001	0.0048	0.0014	0.0097	0.0000	0.0005	0.9348	0.0001
Sweepers/Scrubbers	0.0066	0.0020	0.0103	0.0000	0.0007	1.0488	0.0002	0.0065	0.0019	0.0098	0.0000	0.0006	1.0488	0.0002
Tractors/Loaders/Backhoes	0.0067	0.0021	0.0127	0.0000	0.0007	1.3267	0.0002	0.0065	0.0020	0.0120	0.0000	0.0007	1.3267	0.0002
Trenchers	0.0069	0.0021	0.0122	0.0000	0.0007	1.1150	0.0002	0.0067	0.0020	0.0118	0.0000	0.0007	1.1150	0.0002
Welders	0.0063	0.0021	0.0109	0.0000	0.0007	0.9797	0.0002	0.0061	0.0020	0.0105	0.0000	0.0007	0.9797	0.0002

	2009							2010						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.009686	0.000992	0.001005	0.000011	0.000902	0.000192	1.097554	0.008263	0.000914	0.000918	0.000011	0.000903	0.000193	1.095682
Delivery Vehicle, Gas (>8500 lb)	0.020161	0.002789	0.022366	0.000027	0.001621	0.000830	2.723305	0.018438	0.002590	0.020625	0.000027	0.001567	0.000780	2.732222
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.012822	0.003293	0.041846	0.000040	0.002811	0.001890	4.210808	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206

South Coast Air Basin (SCAB) Fleet Averag
Source: http://www.aqmd.gov/ceqa/handbook/

	2011							2012						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0046	0.0013	0.0078	0.0000	0.0004	0.8790	0.0001	0.0044	0.0012	0.0075	0.0000	0.0004	0.8790	0.0001
Air Compressors	0.0054	0.0017	0.0105	0.0000	0.0006	1.0079	0.0002	0.0052	0.0016	0.0099	0.0000	0.0006	1.0079	0.0001
Bore/Drill Rigs	0.0038	0.0007	0.0064	0.0000	0.0003	0.9663	0.0001	0.0038	0.0007	0.0060	0.0000	0.0002	0.9663	0.0001
Cement and Mortar Mixers	0.0055	0.0016	0.0086	0.0000	0.0005	1.0032	0.0001	0.0053	0.0015	0.0084	0.0000	0.0005	1.0032	0.0001
Concrete/Industrial Saws	0.0062	0.0018	0.0092	0.0000	0.0006	0.9578	0.0002	0.0061	0.0016	0.0088	0.0000	0.0006	0.9578	0.0001
Cranes	0.0054	0.0017	0.0093	0.0000	0.0006	0.8806	0.0002	0.0052	0.0016	0.0088	0.0000	0.0006	0.8806	0.0001
Crawler Tractors	0.0062	0.0019	0.0115	0.0000	0.0007	1.0168	0.0002	0.0059	0.0018	0.0109	0.0000	0.0006	1.0168	0.0002
Crushing/Proc. Equipment	0.0051	0.0017	0.0095	0.0000	0.0006	0.9469	0.0001	0.0050	0.0015	0.0089	0.0000	0.0005	0.9469	0.0001
Dumpers/Tenders	0.0035	0.0011	0.0066	0.0000	0.0004	0.8026	0.0001	0.0034	0.0010	0.0065	0.0000	0.0003	0.8026	0.0001
Excavators	0.0052	0.0015	0.0088	0.0000	0.0005	0.9930	0.0001	0.0051	0.0014	0.0083	0.0000	0.0005	0.9930	0.0001
Forklifts	0.0056	0.0016	0.0086	0.0000	0.0006	0.9363	0.0001	0.0055	0.0015	0.0080	0.0000	0.0005	0.9363	0.0001
Generator Sets	0.0043	0.0012	0.0084	0.0000	0.0004	0.8728	0.0001	0.0041	0.0011	0.0080	0.0000	0.0004	0.8728	0.0001
Graders	0.0061	0.0019	0.0106	0.0000	0.0007	1.0663	0.0002	0.0059	0.0017	0.0100	0.0000	0.0006	1.0663	0.0002
Off-Highway Tractors	0.0097	0.0026	0.0202	0.0000	0.0011	1.5569	0.0002	0.0094	0.0024	0.0193	0.0000	0.0010	1.5569	0.0002
Off-Highway Trucks	0.0053	0.0015	0.0139	0.0000	0.0006	1.5314	0.0001	0.0051	0.0015	0.0129	0.0000	0.0005	1.5314	0.0001
Other Construction Equipment	0.0056	0.0014	0.0081	0.0000	0.0005	0.9552	0.0001	0.0056	0.0013	0.0078	0.0000	0.0005	0.9552	0.0001
Other General Industrial Equipment	0.0044	0.0014	0.0086	0.0000	0.0005	0.8524	0.0001	0.0043	0.0013	0.0081	0.0000	0.0004	0.8524	0.0001
Other Material Handling Equipment	0.0051	0.0017	0.0083	0.0000	0.0006	0.7654	0.0002	0.0049	0.0016	0.0079	0.0000	0.0005	0.7654	0.0001
Pavers	0.0066	0.0021	0.0114	0.0000	0.0007	1.0376	0.0002	0.0064	0.0020	0.0109	0.0000	0.0007	1.0376	0.0002
Paving Equipment	0.0064	0.0021	0.0104	0.0000	0.0007	0.9450	0.0002	0.0063	0.0020	0.0100	0.0000	0.0007	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0061	0.0017	0.0092	0.0000	0.0006	0.9154	0.0002	0.0059	0.0016	0.0089	0.0000	0.0006	0.9154	0.0001
Pumps	0.0043	0.0013	0.0085	0.0000	0.0005	0.8714	0.0001	0.0042	0.0012	0.0080	0.0000	0.0004	0.8714	0.0001
Rollers	0.0052	0.0015	0.0087	0.0000	0.0005	0.9031	0.0001	0.0051	0.0015	0.0083	0.0000	0.0005	0.9031	0.0001
Rough Terrain Forklifts	0.0079	0.0024	0.0125	0.0000	0.0008	1.3085	0.0002	0.0077	0.0022	0.0118	0.0000	0.0008	1.3085	0.0002
Rubber Tired Dozers	0.0062	0.0016	0.0134	0.0000	0.0006	1.0601	0.0001	0.0059	0.0015	0.0127	0.0000	0.0006	1.0601	0.0001
Rubber Tired Loaders	0.0057	0.0017	0.0106	0.0000	0.0006	1.0902	0.0002	0.0056	0.0016	0.0100	0.0000	0.0005	1.0902	0.0001
Scrapers	0.0061	0.0017	0.0132	0.0000	0.0007	1.1666	0.0002	0.0059	0.0016	0.0124	0.0000	0.0007	1.1666	0.0001
Signal Boards	0.0052	0.0015	0.0087	0.0000	0.0005	0.9043	0.0001	0.0051	0.0014	0.0083	0.0000	0.0005	0.9043	0.0001
Skid Steer Loaders	0.0064	0.0018	0.0084	0.0000	0.0006	0.9181	0.0002	0.0062	0.0016	0.0081	0.0000	0.0006	0.9181	0.0001
Surfacing Equipment	0.0047	0.0013	0.0092	0.0000	0.0005	0.9348	0.0001	0.0045	0.0012	0.0086	0.0000	0.0005	0.9348	0.0001
Sweepers/Scrubbers	0.0063	0.0017	0.0094	0.0000	0.0006	1.0488	0.0002	0.0063	0.0016	0.0090	0.0000	0.0005	1.0488	0.0001
Tractors/Loaders/Backhoes	0.0063	0.0018	0.0112	0.0000	0.0006	1.3267	0.0002	0.0062	0.0017	0.0105	0.0000	0.0006	1.3267	0.0002
Trenchers	0.0065	0.0019	0.0114	0.0000	0.0006	1.1150	0.0002	0.0064	0.0018	0.0109	0.0000	0.0006	1.1150	0.0002
Welders	0.0059	0.0019	0.0100	0.0000	0.0007	0.9797	0.0002	0.0058	0.0018	0.0095	0.0000	0.0006	0.9797	0.0002

	2011							2012						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.008263	0.000852	0.000845	0.000011	0.000905	0.000194	1.102352	0.007655	0.000796	0.000776	0.000011	0.000906	0.000195	1.101525
Delivery Vehicle, Gas (>8500 lb)	0.016932	0.002419	0.018934	0.000027	0.001517	0.000735	2.751808	0.015457	0.002238	0.017324	0.000027	0.001465	0.000687	2.766284
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011125	0.002795	0.034558	0.000040	0.002477	0.001583	4.220457	0.010215	0.002528	0.030924	0.000040	0.002311	0.001431	4.215908

South Coast Air Basin (SCAB) Fleet Averag
Source: http://www.aqmd.gov/ceqa/handbook/

	2013						
	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)	(lb/hp-hr)
Equipment	**CO**	**ROG**	**NOX**	**SOX**	**PM**	**CO2**	**CH4**
Aerial Lifts	0.0043	0.0012	0.0072	0.0000	0.0004	0.8790	0.0001
Air Compressors	0.0042	0.6957	0.0073	0.0003	0.0033	0.6774	0.0002
Bore/Drill Rigs	0.0037	0.0006	0.0055	0.0000	0.0002	0.9663	0.0001
Cement and Mortar Mixers	0.0052	0.0014	0.0082	0.0000	0.0004	1.0032	0.0001
Concrete/Industrial Saws	0.0060	0.0015	0.0084	0.0000	0.0005	0.9578	0.0001
Cranes	0.0051	0.0015	0.0083	0.0000	0.0005	0.8806	0.0001
Crawler Tractors	0.0057	0.0017	0.0103	0.0000	0.0006	1.0168	0.0002
Crushing/Proc. Equipment	0.0048	0.0014	0.0083	0.0000	0.0005	0.9469	0.0001
Dumpers/Tenders	0.0034	0.0010	0.0063	0.0000	0.0003	0.8026	0.0001
Excavators	0.0050	0.0013	0.0078	0.0000	0.0004	0.9930	0.0001
Forklifts	0.0054	0.0013	0.0074	0.0000	0.0005	0.9363	0.0001
Generator Sets	0.0040	0.0010	0.0075	0.0000	0.0004	0.8728	0.0001
Graders	0.0058	0.0016	0.0094	0.0000	0.0006	1.0663	0.0001
Off-Highway Tractors	0.0090	0.0023	0.0183	0.0000	0.0010	1.5569	0.0002
Off-Highway Trucks	0.0050	0.0014	0.0119	0.0000	0.0005	1.5314	0.0001
Other Construction Equipment	0.0055	0.0012	0.0074	0.0000	0.0004	0.9552	0.0001
Other General Industrial Equipment	0.0042	0.0012	0.0077	0.0000	0.0004	0.8524	0.0001
Other Material Handling Equipment	0.0048	0.0015	0.0074	0.0000	0.0005	0.7654	0.0001
Pavers	0.0063	0.0019	0.0104	0.0000	0.0007	1.0376	0.0002
Paving Equipment	0.0062	0.0019	0.0096	0.0000	0.0006	0.9450	0.0002
Plate Compactors	0.0041	0.0008	0.0049	0.0000	0.0002	0.6688	0.0001
Pressure Washers	0.0058	0.0015	0.0085	0.0000	0.0005	0.9154	0.0001
Pumps	0.0041	0.0011	0.0076	0.0000	0.0004	0.8714	0.0001
Rollers	0.0051	0.0014	0.0079	0.0000	0.0005	0.9031	0.0001
Rough Terrain Forklifts	0.0076	0.0020	0.0110	0.0000	0.0007	1.3085	0.0002
Rubber Tired Dozers	0.0057	0.0014	0.0121	0.0000	0.0005	1.0601	0.0001
Rubber Tired Loaders	0.0054	0.0015	0.0095	0.0000	0.0005	1.0902	0.0001
Scrapers	0.0057	0.0015	0.0117	0.0000	0.0006	1.1666	0.0001
Signal Boards	0.0050	0.0013	0.0078	0.0000	0.0005	0.9043	0.0001
Skid Steer Loaders	0.0060	0.0014	0.0077	0.0000	0.0005	0.9181	0.0001
Surfacing Equipment	0.0044	0.0011	0.0081	0.0000	0.0004	0.9348	0.0001
Sweepers/Scrubbers	0.0062	0.0015	0.0085	0.0000	0.0005	1.0488	0.0001
Tractors/Loaders/Backhoes	0.0061	0.0016	0.0098	0.0000	0.0005	1.3267	0.0001
Trenchers	0.0062	0.0018	0.0105	0.0000	0.0006	1.1150	0.0002
Welders	0.0056	0.0017	0.0090	0.0000	0.0006	0.9797	0.0001

	2013						
On-Road Vehicles	**CO (lb/mi)**	**ROG (lb/mi)**	**NOx (lb/mi)**	**Sox (lb/mi)**	**PM10 (lb/mi)**	**PM2.5 (lb/mi)**	**CO2 (lb/mi)**
Passenger Vehicle, Gas (<8500 lb)	0.007092	0.000746	0.000712	0.000011	0.000906	0.000196	1.100874
Delivery Vehicle, Gas (>8500 lb)	0.014078	0.002063	0.015773	0.000027	0.001415	0.000639	2.781635
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.009318	0.002263	0.027429	0.000041	0.002153	0.001284	4.215186

PM Speciation Profiles

CALIFORNIA EMISSION INVENTORY AND REPORTING SYSTEM (CEIDARS)

9/26/2002

CALIFORNIA EMISSION INVENTORY AND REPORTING SYSTEM (CEIDARS)

-- Particulate Matter (PM) Speciation Profiles --

SUMMARY OF OVERALL SIZE FRACTIONS AND REFERENCE DOCUMENTATION

PM2.5/PM10	PM PROFILE ID	PM_PROFILE_NAME	NEW FORMAT	SOURCE_REF	FRACTION < PM 10	FRACTION < PM 2.5
0.976	116	STAT. I.C. ENGINE-DIESEL	N	KVB	0.960	0.937
1.000	121	RESIDENTIAL-NATURAL GAS	N	KVB	1.000	1.000
0.979	125	PETROLEUM HEATERS-GAS	N	KVB	0.950	0.930
0.375	131	COAL/COKE COMBUSTION	N		0.400	0.150
0.930	132	STAT. I.C. ENGINE-SOLID FUEL	N	KVB	0.997	0.927
0.964	200	EVAPORATION	N	KVB	0.960	0.925
0.674	343	CEMENT PROD./CONCRETE BATCHING	N	KVB	0.920	0.620
0.300	373	ROCK CRUSHERS	N	KVB	0.100	0.030
0.292	374	ROCK SCREENING & HANDLING	N	KVB	0.500	0.146
0.928	400	GASOLINE VEHICLES-CATALYST	N	KVB	0.970	0.900
0.208	420	CONSTRUCTION DUST	Y	OMNI	0.489	0.102
0.920	425	DIESEL VEHICLE EXHAUST	Y	OMNI	1.000	0.920
0.169	471	PAVED ROAD DUST (1997 AND AFTER)	Y	CRPAQS	0.457	0.077

LAX CUP

Construction - Equipment Hourly Emissions

	1	2	3	4	5	6	7	8	9	10
Equipment Category	Equipment Model	Fuel	Onroad / Offroad	Rating (hp)	Load Factor	Usage Factor	2009 CO (lb/hr)	2009 VOC (lb/hr)	2009 NOx (lb/hr)	2009 SOx (lb/hr)
Sweepers/Scrubbers	Vacuum Sweeper	Diesel	Offroad	83	0.68	0.85	0.32	0.10	0.49	0.00
Off-Highway Trucks	Water Truck Inc Water	Diesel	Offroad	230	0.41	0.85	0.46	0.14	1.29	0.00
Tractors/Loaders/Backhoes	CAT 428 Backhoe	Diesel	Offroad	170	0.47	0.85	0.00	0.00	0.00	0.00
Rubber Tired Loaders	CAT H964 Rubber Tire Loader	Diesel	Offroad	200	0.54	0.85	0.56	0.18	1.07	0.00
Dumpers/Tenders	14 YD Semi End Dumps	Diesel	Offroad	174	0.38	0.85	0.20	0.07	0.39	0.00
Other General Industrial Equipment	Light Plants	Diesel	Offroad	450	0.62	0.85	1.12	0.36	2.22	0.00
Generator Sets	30 KW Generator	Diesel	Offroad	268	0.74	0.85	0.76	0.23	1.55	0.00
Off-Highway Trucks	Truck / Trailer Low Boy	Diesel	Offroad	210	0.41	0.85	0.42	0.13	1.18	0.00
Off-Highway Trucks	Ready Mix Truck	Diesel	Offroad	530	0.41	0.85	1.06	0.32	2.97	0.00
Excavators	CAT330D Excavator	Diesel	Offroad	84	0.58	0.85	0.22	0.07	0.41	0.00
Cranes	100 T Grove Mobile Crane	Diesel	Offroad	85	0.43	0.85	0.18	0.06	0.32	0.00
Forklift	Gradall 544D Hi Lift	Diesel	Offroad	125	0.30	0.85	0.19	0.06	0.31	0.00
Rubber Tired Loaders	JD 210LJ Skiploader	Diesel	Offroad	270	0.54	0.85	0.76	0.24	1.45	0.00
Bore/Drill Rigs	Hydrolic Caissons Drill Rig	Diesel	Offroad	268	0.75	0.85	0.66	0.15	1.27	0.00
Cranes	50 Ton Grove Crane	Diesel	Offroad	350	0.43	0.85	0.74	0.25	1.32	0.00
Excavators	Cat 385C Excavator	Diesel	Offroad	400	0.58	0.85	1.07	0.34	1.95	0.00
Dumpers/Tenders	10 Yard Dump Trucks	Diesel	Offroad	160	0.38	0.85	0.19	0.06	0.36	0.00
Crushing/Proc. Equipment	Cat CP76 Compactor	Diesel	Offroad	15	0.78	0.85	0.05	0.02	0.10	0.00
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	Maint. Vehicle	Diesel	Onroad	450	1.00	0.85	0.16	0.04	0.53	0.00
Welders	300 AMP Arc Welderc.	Diesel	Offroad	40	0.45	0.85	0.10	0.03	0.17	0.00
Cement and Mortar Mixers	36M Boom Pumpd.	Diesel	Offroad	350	0.56	0.85	0.98	0.30	1.53	0.00
Aerial Lifts	Man Basketd.	Diesel	Offroad	600	0.51	0.85	1.26	0.39	2.19	0.00
Passenger Vehicle, Gas (<8500 lb)	Pickupsc.	Gas	Onroad	450	1.00	0.85	3.70	0.38	0.38	0.00
Aerial Lifts	Sissor Liftd.	Diesel	Offroad	33	0.51	0.85	0.07	0.02	0.12	0.00

LAX CUP

Construction - Equipment Hourly Emissions

	11	12	13	14	15	16	17	18	19	20	21
Equipment Category	2009 PM10 (lb/hr)	2009 PM2.5 (lb/hr)	2009 CO2 (lb/hr)	2010 CO (lb/hr)	2010 VOC (lb/hr)	2010 NOx (lb/hr)	2010 SOx (lb/hr)	2010 PM10 (lb/hr)	2010 PM2.5 (lb/hr)	2010 CO2 (lb/hr)	2011 CO (lb/hr)
Sweepers/Scrubbers	0.03	0.03	50.31	0.31	0.09	0.47	0.00	0.03	0.03	50.31	0.30
Off-Highway Trucks	0.05	0.05	122.75	0.44	0.13	1.21	0.00	0.05	0.05	122.75	0.42
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.06	0.06	100.08	0.54	0.17	1.02	0.00	0.06	0.05	100.08	0.53
Dumpers/Tenders	0.02	0.02	45.11	0.20	0.06	0.38	0.00	0.02	0.02	45.11	0.19
Other General Industrial Equipment	0.12	0.11	202.15	1.08	0.34	2.13	0.00	0.12	0.11	202.15	1.05
Generator Sets	0.08	0.08	147.13	0.74	0.21	1.49	0.00	0.08	0.07	147.13	0.72
Off-Highway Trucks	0.05	0.04	112.07	0.40	0.12	1.10	0.00	0.04	0.04	112.07	0.39
Off-Highway Trucks	0.12	0.11	282.85	1.02	0.30	2.79	0.00	0.11	0.10	282.85	0.98
Excavators	0.03	0.02	41.12	0.22	0.07	0.39	0.00	0.02	0.02	41.12	0.21
Cranes	0.02	0.02	27.36	0.17	0.06	0.31	0.00	0.02	0.02	27.36	0.17
Forklift	0.02	0.02	29.84	0.18	0.06	0.29	0.00	0.02	0.02	29.84	0.18
Rubber Tired Loaders	0.08	0.08	135.11	0.73	0.23	1.38	0.00	0.08	0.07	135.11	0.71
Bore/Drill Rigs	0.06	0.06	165.09	0.65	0.14	1.19	0.00	0.05	0.05	165.09	0.65
Cranes	0.09	0.08	112.66	0.72	0.24	1.26	0.00	0.08	0.07	112.66	0.69
Excavators	0.12	0.11	195.82	1.04	0.31	1.84	0.00	0.11	0.10	195.82	1.02
Dumpers/Tenders	0.02	0.02	41.48	0.18	0.06	0.35	0.00	0.02	0.02	41.48	0.18
Crushing/Proc. Equipment	0.01	0.01	9.42	0.05	0.02	0.10	0.00	0.01	0.01	9.42	0.05
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.04	0.02	53.69	0.15	0.04	0.49	0.00	0.03	0.02	53.69	0.14
Welders	0.01	0.01	14.99	0.09	0.03	0.16	0.00	0.01	0.01	14.99	0.09
Cement and Mortar Mixers	0.10	0.09	167.13	0.95	0.28	1.47	0.00	0.09	0.09	167.13	0.92
Aerial Lifts	0.13	0.12	226.40	1.22	0.37	2.11	0.00	0.12	0.11	226.40	1.18
Passenger Vehicle, Gas (<8500 lb)	0.34	0.07	419.81	3.16	0.35	0.35	0.00	0.35	0.07	419.10	3.16
Aerial Lifts	0.01	0.01	12.45	0.07	0.02	0.12	0.00	0.01	0.01	12.45	0.06

LAX CUP

Construction - Equipment Hourly Emissions

	22	23	24	25	26	27	28	29	30	31	32
Equipment Category	2011 VOC (lb/hr)	2011 NOx (lb/hr)	2011 SOx (lb/hr)	2011 PM10 (lb/hr)	2011 PM2.5 (lb/hr)	2011 CO2 (lb/hr)	2012 CO (lb/hr)	2012 VOC (lb/hr)	2012 NOx (lb/hr)	2012 SOx (lb/hr)	2012 PM10 (lb/hr)
Sweepers/Scrubbers	0.08	0.45	0.00	0.03	0.03	50.31	0.30	0.08	0.43	0.00	0.03
Off-Highway Trucks	0.12	1.12	0.00	0.05	0.04	122.75	0.41	0.12	1.03	0.00	0.04
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.16	0.97	0.00	0.05	0.05	100.08	0.51	0.15	0.92	0.00	0.05
Dumpers/Tenders	0.06	0.37	0.00	0.02	0.02	45.11	0.19	0.06	0.36	0.00	0.02
Other General Industrial Equipment	0.32	2.03	0.00	0.11	0.10	202.15	1.02	0.31	1.93	0.00	0.10
Generator Sets	0.20	1.42	0.00	0.07	0.07	147.13	0.70	0.19	1.34	0.00	0.07
Off-Highway Trucks	0.11	1.02	0.00	0.04	0.04	112.07	0.37	0.11	0.94	0.00	0.04
Off-Highway Trucks	0.28	2.57	0.00	0.10	0.10	282.85	0.94	0.27	2.38	0.00	0.09
Excavators	0.06	0.36	0.00	0.02	0.02	41.12	0.21	0.06	0.34	0.00	0.02
Cranes	0.05	0.29	0.00	0.02	0.02	27.36	0.16	0.05	0.27	0.00	0.02
Forklift	0.05	0.27	0.00	0.02	0.02	29.84	0.17	0.05	0.25	0.00	0.02
Rubber Tired Loaders	0.22	1.31	0.00	0.07	0.07	135.11	0.69	0.20	1.24	0.00	0.07
Bore/Drill Rigs	0.12	1.10	0.00	0.05	0.04	165.09	0.64	0.12	1.02	0.00	0.04
Cranes	0.22	1.19	0.00	0.08	0.07	112.66	0.67	0.21	1.13	0.00	0.07
Excavators	0.29	1.73	0.00	0.10	0.10	195.82	1.00	0.27	1.63	0.00	0.09
Dumpers/Tenders	0.06	0.34	0.00	0.02	0.02	41.48	0.18	0.05	0.33	0.00	0.02
Crushing/Proc. Equipment	0.02	0.09	0.00	0.01	0.01	9.42	0.05	0.02	0.09	0.00	0.01
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.04	0.44	0.00	0.03	0.02	53.81	0.13	0.03	0.39	0.00	0.03
Welders	0.03	0.15	0.00	0.01	0.01	14.99	0.09	0.03	0.15	0.00	0.01
Cement and Mortar Mixers	0.27	1.43	0.00	0.08	0.08	167.13	0.89	0.25	1.39	0.00	0.08
Aerial Lifts	0.34	2.02	0.00	0.11	0.11	226.40	1.14	0.32	1.93	0.00	0.11
Passenger Vehicle, Gas (<8500 lb)	0.33	0.32	0.00	0.35	0.07	421.65	2.93	0.30	0.30	0.00	0.35
Aerial Lifts	0.02	0.11	0.00	0.01	0.01	12.45	0.06	0.02	0.11	0.00	0.01

LAX CUP

Construction - Equipment Hourly Emissions

	33	34	35	36	37	38	39	40	41
Equipment Category	2012 PM2.5 (lb/hr)	2012 CO2 (lb/hr)	2013 CO (lb/hr)	2013 VOC (lb/hr)	2013 NOx (lb/hr)	2013 SOx (lb/hr)	2013 PM10 (lb/hr)	2013 PM2.5 (lb/hr)	2013 CO2 (lb/hr)
Sweepers/Scrubbers	0.02	50.31	0.30	0.07	0.41	0.00	0.02	0.02	50.31
Off-Highway Trucks	0.04	122.75	0.40	0.11	0.95	0.00	0.04	0.03	122.75
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Tired Loaders	0.05	100.08	0.50	0.14	0.87	0.00	0.05	0.04	100.08
Dumpers/Tenders	0.02	45.11	0.19	0.06	0.36	0.00	0.02	0.02	45.11
Other General Industrial Equipment	0.09	202.15	0.99	0.29	1.82	0.00	0.10	0.09	202.15
Generator Sets	0.06	147.13	0.68	0.17	1.27	0.00	0.06	0.06	147.13
Off-Highway Trucks	0.03	112.07	0.36	0.10	0.87	0.00	0.03	0.03	112.07
Off-Highway Trucks	0.09	282.85	0.92	0.26	2.20	0.00	0.09	0.08	282.85
Excavators	0.02	41.12	0.21	0.05	0.32	0.00	0.02	0.02	41.12
Cranes	0.02	27.36	0.16	0.05	0.26	0.00	0.02	0.01	27.36
Forklift	0.02	29.84	0.17	0.04	0.23	0.00	0.01	0.01	29.84
Rubber Tired Loaders	0.06	135.11	0.67	0.19	1.17	0.00	0.06	0.06	135.11
Bore/Drill Rigs	0.04	165.09	0.64	0.11	0.94	0.00	0.04	0.03	165.09
Cranes	0.07	112.66	0.65	0.19	1.06	0.00	0.07	0.06	112.66
Excavators	0.09	195.82	0.98	0.26	1.53	0.00	0.09	0.08	195.82
Dumpers/Tenders	0.02	41.48	0.17	0.05	0.33	0.00	0.02	0.01	41.48
Crushing/Proc. Equipment	0.00	9.42	0.05	0.01	0.08	0.00	0.00	0.00	9.42
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.02	53.75	0.12	0.03	0.35	0.00	0.03	0.00	53.74
Welders	0.01	14.99	0.09	0.03	0.14	0.00	0.01	0.01	14.99
Cement and Mortar Mixers	0.07	167.13	0.87	0.23	1.36	0.00	0.07	0.06	167.13
Aerial Lifts	0.10	226.40	1.12	0.30	1.84	0.00	0.10	0.09	226.40
Passenger Vehicle, Gas (<8500 lb)	0.07	421.33	2.71	0.29	0.27	0.00	0.35	0.08	421.08
Aerial Lifts	0.01	12.45	0.06	0.02	0.10	0.00	0.01	0.00	12.45

LAX CUP																	
Construction Equipment Hours of Operatior																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Equipment	**2009**		**2010**														
	Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**
Vacuum Sweeper	49	186	170	162	186	246	349	284	178	187	178	233	302	435	418	398	396
Water Truck Inc Water	34	131	119	114	131	172	244	199	125	131	125	163	211	305	293	279	277
CAT 428 Backhoe	60	228	209	199	228	407	702	636	494	517	494	569	655	955	926	882	921
CAT H964 Rubber Tire Loader	36	140	128	122	140	228	375	332	247	259	247	297	358	481	465	443	448
14 YD Semi End Dumps	24	93	85	81	93	131	195	164	110	115	110	148	197	896	856	816	892
Light Plants	73	280	255	243	280	409	626	534	370	388	370	480	619	845	812	773	766
30 KW Generator	73	280	255	243	280	338	441	340	185	194	185	318	500	719	681	649	592
Truck / Trailer Low Boy	2	6	6	5	6	6	6	3				4	10	19	17	17	14
Ready Mix Truck	11	44	40	38	44	63	95	80	55	57	55	55	52	150	146	139	160
CAT330D Excavator						73	192	201	192	201	192	242	306	369	355	338	327
100 T Grove Mobile Crane												2	4	4	3	3	4
Gradall 544D Hi Lift						94	247	259	247	259	247	263	271	284	281	267	308
210LJ Skiploader						188	494	517	494	517	494	494	470	494	494	470	541
Hydrolic Caissons Drill Rig																	
50 Ton Grove Crane						8	21	22	21	22	21	21	20	21	21	20	23
Cat 385C Excavator																	
10 Yard Dump Trucks																	
CAT CP76 Compactor						4	10	11	10	11	10	10	10	10	10	10	11
Maint. Vehicle	49	186	170	162	186	178	170	97				119	286	656	613	584	548
300 AMP Arc Welder																	
36M Boom Pump						5	14	14	14	14	14	14	13	14	14	13	15
Man Basket																	
Pickups																	
Sissor Lift																	
Total Equipment Hours	**411**	**1,574**	**1,437**	**1,369**	**1,574**	**2,550**	**4,181**	**3,693**	**2,742**	**2,872**	**2,742**	**3,432**	**4,284**	**6,657**	**6,405**	**6,101**	**6,243**
Source: LAX Program Development Team																	

LAX CUP																	
Construction Equipment Hours of Ope																	
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Equipment	**2011**									**2012**							
	Apr-11	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**
Vacuum Sweeper	156	136	137	131	144	137	131	137	137	137	131	134	123				
Water Truck Inc Water	109	95	96	92	100	96	92	96	96	96	92	94	86				
CAT 428 Backhoe	349	162	139	132	145	139	132	139	139	139	132	139	132				
CAT H964 Rubber Tire Loader	148	26	9	8	9	9	8	9	9	9	8	9	8				
14 YD Semi End Dumps	679	134	10	10	11	10	10	10	10	10	10	10	10				
Light Plants	277	255	264	252	276	264	252	264	264	264	252	256	233				
30 KW Generator	237	282	297	284	311	297	284	297	297	297	284	291	270				
Truck / Trailer Low Boy	8	6	5	5	5	5	5	5	5	5	5	5	5				
Ready Mix Truck	101	44	33	31	34	33	31	33	33	33	31	33	31				
CAT330D Excavator	82	9															
100 T Grove Mobile Crane	3	42	51	48	53	51	48	51	51	51	48	49	45				
Gradall 544D Hi Lift	81	519	626	598	655	626	598	626	626	626	630	646	596	35	32	32	35
210LJ Skiploader	94	11	13	12	13	13	12	13	13	13	12	13	12				
Hydrolic Caissons Drill Rig																	
50 Ton Grove Crane	4																
Cat 385C Excavator		4	4	4	4	4	4	4	4	4	4	4	4				
10 Yard Dump Trucks																	
CAT CP76 Compactor	2																
Maint. Vehicle	378	398	399	381	417	399	381	399	399	399	381	383	343				
300 AMP Arc Welder		168	205	196	215	205	196	205	205	205	196	205	196				
36M Boom Pump	3																
Man Basket											388	406	388	425	388	388	425
Pickups												73	76	73	80	73	73
Sissor Lift											194	203	194	212	194	194	212
Total Equipment Hours	**2,711**	**2,291**	**2,288**	**2,184**	**2,392**	**2,288**	**2,184**	**2,288**	**2,288**	**2,288**	**2,798**	**2,953**	**2,752**	**745**	**694**	**687**	**745**
Source: LAX Program Developi																	

LAX CUP															
Construction Equipment Hours of Ope															
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Equipment					**2013**										
	Sep-12	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**
Vacuum Sweeper	119	182	158	150	174	158	166	174	515	448	493	493	291		
Water Truck Inc Water	83	127	111	105	122	111	116	122	361	314	345	345	204		
CAT 428 Backhoe	89	136	119	113	130	119	124	130	221	192	211	211	125		
CAT H964 Rubber Tire Loader	89	136	119	113	130	119	124	130	110	96	106	106	62		
14 YD Semi End Dumps	119	182	158	150	174	158	166	174	147	128	141	141	83		
Light Plants	44	68	59	56	65	59	62	65	110	96	106	106	62		
30 KW Generator	44	68	59	56	65	59	62	65	110	96	106	106	62		
Truck / Trailer Low Boy															
Ready Mix Truck									294	256	282	282	166		
CAT330D Excavator															
100 T Grove Mobile Crane															
Gradall 544D Hi Lift	95	136	119	113	130	119	124	130	294	256	282	282	166		
210LJ Skiploader															
Hydrolic Caissons Drill Rig															
50 Ton Grove Crane	4	6	5	5	5	5	5	5	55	48	53	53	31		
Cat 385C Excavator															
10 Yard Dump Trucks															
CAT CP76 Compactor	11	17	15	14	16	15	16	16	28	24	26	26	16		
Maint. Vehicle															
300 AMP Arc Welder															
36M Boom Pump									37	32	35	35	21		
Man Basket	74								662	576	634	634	374	1,280	
Pickups	80	81	102	89	84	98	89	93	98	166	144	158	158	94	320
Sissor Lift	37								331	288	317	317	187	640	
Total Equipment Hours	**888**	**1,139**	**1,024**	**964**	**1,095**	**1,020**	**1,054**	**1,104**	**3,373**	**3,016**	**3,281**	**3,295**	**2,008**	**2,014**	**320**
Source: LAX Program Developi															

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12
Monthly CO Emissions (lbs)			**2009**		**2010**									
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	15.49	58.78	52.72	50.24	57.68	76.29	108.23	88.07	55.20	57.99	55.20	72.26
Water Truck Inc Water	Diesel	230	15.65	60.32	52.46	50.26	57.75	75.83	107.57	87.73	55.11	57.75	55.11	71.86
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	20.15	78.35	69.35	66.10	75.85	123.53	203.18	179.88	133.83	140.33	133.83	160.92
14 YD Semi End Dumps	Diesel	174	4.89	18.97	16.92	16.12	18.51	26.08	38.81	32.64	21.90	22.89	21.90	29.46
Light Plants	Diesel	450	81.67	313.26	276.58	263.57	303.70	443.61	678.98	579.19	401.31	420.84	401.31	520.62
30 KW Generator	Diesel	268	55.77	213.91	189.15	180.25	207.69	250.72	327.12	252.20	137.23	143.90	137.23	235.88
Truck / Trailer Low Boy	Diesel	210	0.84	2.52	2.42	2.01	2.42	2.42	2.42	1.21	-	-	-	1.61
Ready Mix Truck	Diesel	530	11.67	46.68	40.64	38.61	44.70	64.00	96.51	81.27	55.88	57.91	55.88	55.88
CAT330D Excavator	Diesel	84	-	-	-	-	-	15.95	41.96	43.92	41.96	43.92	41.96	52.88
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	0.35
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	17.09	44.92	47.10	44.92	47.10	44.92	47.82
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	137.51	361.33	378.16	361.33	378.16	361.33	361.33
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	5.72	15.02	15.73	15.02	15.73	15.02	15.02
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.21	0.53	0.58	0.53	0.58	0.53	0.53
Maint. Vehicle	Diesel	450	8.01	30.41	25.91	24.69	28.35	27.13	25.91	14.78	-	-	-	18.14
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	4.73	13.24	13.24	13.24	13.24	13.24	13.24
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		214.14	823.20	726.15	691.85	796.66	1,270.82	2,065.73	1,815.72	1,337.44	1,400.35	1,337.44	1,657.80
	lbs/day -->		9.73	37.42	33.01	31.45	36.21	57.76	93.90	82.53	60.79	63.65	60.79	75.35
	Peak Daily CO		**133.69**	**lbs/day**										
			Assumes 22 working days per month											

LAX CUP	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Monthly CO Emissions (lbs)								**2011**							
	Nov-10	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	93.65	134.90	127.33	121.24	120.63	47.52	41.43	41.73	39.91	43.87	41.73	39.91	41.73	41.73	41.10
Water Truck Inc Water	93.02	134.47	124.19	118.25	117.40	46.20	40.26	40.69	38.99	42.38	40.69	38.99	40.69	40.69	39.31
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	193.97	260.61	244.50	232.93	235.56	77.82	13.67	4.73	4.21	4.73	4.73	4.21	4.73	4.73	4.60
14 YD Semi End Dumps	39.21	178.35	166.89	159.09	173.90	132.38	26.12	1.95	1.95	2.14	1.95	1.95	1.95	1.95	1.92
Light Plants	671.39	916.51	851.50	810.60	803.26	290.48	267.41	276.84	264.26	289.43	276.84	264.26	276.84	276.84	268.35
30 KW Generator	370.88	533.33	489.42	466.43	425.46	170.33	202.67	213.45	204.11	223.51	213.45	204.11	213.45	213.45	207.20
Truck / Trailer Low Boy	4.03	7.65	6.58	6.58	5.42	3.10	2.32	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.87
Ready Mix Truck	52.83	152.39	142.60	135.76	156.27	98.64	42.97	32.23	30.28	33.21	32.23	30.28	32.23	32.23	31.14
CAT330D Excavator	66.87	80.64	75.79	72.16	69.81	17.51	1.92	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.69	0.69	0.50	0.50	0.67	0.50	7.06	8.57	8.07	8.91	8.57	8.07	8.57	8.57	8.30
Gradall 544D Hi Lift	49.28	51.64	49.91	47.42	54.71	14.39	92.18	111.19	106.21	116.34	111.19	106.21	111.19	111.19	108.90
JD 210LJ Skiploader	343.78	361.33	350.66	333.62	384.02	66.72	7.81	9.23	8.52	9.23	9.23	8.52	9.23	9.23	8.97
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	14.30	15.02	14.53	13.84	15.92	2.77	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	3.98
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.53	0.53	0.51	0.51	0.56	0.10	-	-	-	-	-	-	-	-	-
Maint. Vehicle	43.59	99.99	86.95	82.83	77.73	53.62	56.45	56.59	54.04	59.15	56.59	54.04	56.59	56.59	51.97
300 AMP Arc Welderc.	-	-	-	-	-	-	15.29	18.66	17.84	19.57	18.66	17.84	18.66	18.66	18.16
36M Boom Pumpd.	12.30	13.24	12.83	11.91	13.74	2.75	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2,050.32	2,941.28	2,744.68	2,613.68	2,655.07	1,024.82	821.64	821.87	784.38	858.46	821.87	784.38	821.87	821.87	795.77
	93.20	133.69	124.76	118.80	120.69	46.58	37.35	37.36	35.65	39.02	37.36	35.65	37.36	37.36	36.17

LAX CUP	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Monthly CO Emissions (lbs)					**2012**											
	Feb-12	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	39.30	40.20	36.90	-	-	-	-	35.70	54.59	47.39	44.99	51.46	46.73	49.09	51.46	152.30
Water Truck Inc Water	37.67	38.49	35.22	-	-	-	-	33.99	52.01	45.46	43.00	48.57	44.19	46.18	48.57	143.73
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	4.09	4.60	4.09	-	-	-	-	45.51	69.55	60.85	57.79	64.79	59.30	61.80	64.79	54.82
14 YD Semi End Dumps	1.92	1.92	1.92	-	-	-	-	22.82	34.91	30.30	28.77	32.95	29.92	31.43	32.95	27.83
Light Plants	256.15	260.22	236.84	-	-	-	-	44.73	69.12	59.97	56.92	64.23	58.30	61.26	64.23	108.69
30 KW Generator	198.13	203.01	188.36	-	-	-	-	30.70	47.44	41.16	39.07	44.10	40.03	42.07	44.10	74.63
Truck / Trailer Low Boy	1.87	1.87	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	29.25	31.14	29.25	-	-	-	-	-	-	-	-	-	-	-	-	269.73
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	7.82	7.98	7.33	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	109.59	112.37	103.68	6.09	5.57	5.57	6.09	16.53	23.66	20.70	19.66	22.20	20.32	21.18	22.20	50.21
JD 210LJ Skiploader	8.28	8.97	8.28	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	2.68	4.02	3.35	3.35	3.25	3.25	3.25	3.25	35.78
Cat 385C Excavator	3.98	3.98	3.98	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	0.54	0.84	0.74	0.69	0.77	0.72	0.77	0.77	1.34
Maint. Vehicle	49.62	49.88	44.67	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	17.36	18.16	17.36	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.05
Man Basketd.	443.69	464.28	443.69	486.00	443.69	443.69	486.00	84.62	-	-	-	-	-	-	-	738.87
Pickupsc.	-	213.74	222.52	213.74	234.24	213.74	213.74	234.24	237.16	298.65	260.59	227.88	265.85	241.44	252.29	265.85
Sissor Liftd.	12.20	12.77	12.20	13.33	12.20	12.20	13.33	2.33	-	-	-	-	-	-	-	20.32
	1,220.93	1,473.58	1,398.17	719.16	695.70	675.20	719.16	554.38	593.30	608.58	554.82	560.19	568.62	558.47	584.61	1,976.17
	55.50	66.98	63.55	32.69	31.62	30.69	32.69	25.20	26.97	27.66	25.22	25.46	25.85	25.39	26.57	89.83

LAX CUP	44	45	46	47	48	49		
Monthly CO Emissions (lbs)	**2013**							**Project**
	Jun-13	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Project CO**	**CO**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**
Vacuum Sweeper	132.49	145.80	145.80	86.06	-	-	2,926.80	1.46
Water Truck Inc Water	125.01	137.36	137.36	81.22	-	-	2,841.69	1.42
CAT 428 Backhoe	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	47.84	52.83	52.83	30.90	-	-	3,417.40	1.71
14 YD Semi End Dumps	24.24	26.70	26.70	15.72	-	-	1,531.76	0.77
Light Plants	94.86	104.74	104.74	61.26	-	-	13,195.74	6.60
30 KW Generator	65.14	71.92	71.92	42.07	-	-	7,926.10	3.96
Truck / Trailer Low Boy	-	-	-	-	-	-	74.54	0.04
Ready Mix Truck	234.86	258.72	258.72	152.29	-	-	2,948.87	1.47
CAT330D Excavator	-	-	-	-	-	-	667.24	0.33
100 T Grove Mobile Crane	-	-	-	-	-	-	101.74	0.05
Gradall 544D Hi Lift	43.72	48.16	48.16	28.35	-	-	2,269.81	1.13
JD 210LJ Skiploader	-	-	-	-	-	-	4,284.80	2.14
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-
50 Ton Grove Crane	31.23	34.48	34.48	20.17	-	-	356.21	0.18
Cat 385C Excavator	-	-	-	-	-	-	48.46	0.02
10 Yard Dump Trucks	-	-	-	-	-	-	-	-
Cat CP76 Compactor	1.15	1.25	1.25	0.77	-	-	17.80	0.01
Maint. Vehicle	-	-	-	-	-	-	1,294.24	0.65
300 AMP Arc Welderc.	-	-	-	-	-	-	216.24	0.11
36M Boom Pumpd.	27.72	30.32	30.32	18.19	-	-	289.54	0.14
Man Basketd.	642.89	707.62	707.62	417.43	1,428.64	-	7,938.75	3.97
Pickupsc.	450.32	390.64	428.62	428.62	255.00	868.10	6,416.98	3.21
Sissor Liftd.	17.68	19.46	19.46	11.48	39.29	-	218.25	0.11
	1,939.15	2,029.99	2,067.97	1,394.52	1,722.93	868.10	58,982.96	29.49
	88.14	92.27	94.00	63.39	78.31	39.46	2,681.04	1.34

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12	13	14
Monthly VOC Emissions (lbs)			**2009**		**2010**											
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	4.72	17.92	15.26	14.54	16.70	22.09	31.33	25.50	15.98	16.79	15.98	20.92	27.11	39.05
Water Truck Inc Water	Diesel	230	4.66	17.95	15.49	14.84	17.06	22.40	31.77	25.91	16.28	17.06	16.28	21.22	27.47	39.71
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	6.53	25.39	21.86	20.83	23.91	38.94	64.04	56.70	42.18	44.23	42.18	50.72	61.14	82.14
14 YD Semi End Dumps	Diesel	174	1.61	6.25	5.44	5.18	5.95	8.38	12.48	10.49	7.04	7.36	7.04	9.47	12.60	57.33
Light Plants	Diesel	450	26.25	100.68	87.58	83.46	96.17	140.47	215.00	183.40	127.08	133.26	127.08	164.86	212.60	290.21
30 KW Generator	Diesel	268	16.49	63.26	54.35	51.80	59.68	72.05	94.00	72.47	39.43	41.35	39.43	67.78	106.58	153.26
Truck / Trailer Low Boy	Diesel	210	0.25	0.75	0.71	0.59	0.71	0.71	0.71	0.36	-	-	-	0.48	1.19	2.26
Ready Mix Truck	Diesel	530	3.47	13.89	12.00	11.40	13.20	18.90	28.50	24.00	16.50	17.10	16.50	16.50	15.60	45.01
CAT330D Excavator	Diesel	84	-	-	-	-	-	4.82	12.69	13.28	12.69	13.28	12.69	15.99	20.22	24.39
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	0.12	0.23	0.23
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	5.37	14.12	14.80	14.12	14.80	14.12	15.03	15.49	16.23
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	43.34	113.89	119.19	113.89	119.19	113.89	113.89	108.36	113.89
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	1.89	4.97	5.21	4.97	5.21	4.97	4.97	4.74	4.97
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.07	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18
Maint. Vehicle	Diesel	450	2.06	7.81	6.59	6.28	7.21	6.90	6.59	3.76	-	-	-	4.61	11.09	25.44
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	1.42	3.98	3.98	3.98	3.98	3.98	3.98	3.69	3.98
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		66.05	253.92	219.30	208.94	240.59	387.76	634.25	559.25	414.31	433.81	414.31	510.72	628.29	898.28
	lbs/day -->		3.00	11.54	9.97	9.50	10.94	17.63	28.83	25.42	18.83	19.72	18.83	23.21	28.56	40.83
	Peak Daily VOC		**40.83**	**lbs/day**												
			Assumes 22 working days per month													

LAX CUP	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Monthly VOC Emissions (lbs)	**2011**															
	Jan-11	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	34.85	33.18	33.02	13.01	11.34	11.42	10.92	12.01	11.42	10.92	11.42	11.42	10.59	10.13	10.36	9.51
Water Truck Inc Water	36.12	34.40	34.15	13.44	11.71	11.84	11.34	12.33	11.84	11.34	11.84	11.84	11.21	10.75	10.98	10.05
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	74.57	71.04	71.85	23.73	4.17	1.44	1.28	1.44	1.44	1.28	1.44	1.44	1.35	1.20	1.35	1.20
14 YD Semi End Dumps	52.39	49.94	54.59	41.56	8.20	0.61	0.61	0.67	0.61	0.61	0.61	0.61	0.59	0.59	0.59	0.59
Light Plants	263.57	250.91	248.63	89.91	82.77	85.69	81.80	89.59	85.69	81.80	85.69	85.69	80.58	76.92	78.14	71.12
30 KW Generator	136.09	129.69	118.30	47.36	56.35	59.35	56.75	62.15	59.35	56.75	59.35	59.35	55.38	52.96	54.26	50.35
Truck / Trailer Low Boy	1.91	1.91	1.58	0.90	0.68	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.53	0.53	0.53	0.53
Ready Mix Truck	41.48	39.49	45.46	28.69	12.50	9.38	8.81	9.66	9.38	8.81	9.38	9.38	8.88	8.35	8.88	8.35
CAT330D Excavator	21.85	20.80	20.12	5.05	0.55	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.16	0.16	0.22	0.16	2.26	2.75	2.59	2.86	2.75	2.59	2.75	2.75	2.57	2.42	2.47	2.27
Gradall 544D Hi Lift	14.54	13.81	15.93	4.19	26.85	32.38	30.93	33.88	32.38	30.93	32.38	32.38	29.14	29.32	30.07	27.74
JD 210LJ Skiploader	106.95	101.75	117.13	20.35	2.38	2.81	2.60	2.81	2.81	2.60	2.81	2.81	2.64	2.44	2.64	2.44
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	4.66	4.44	5.10	0.89	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.09	1.09	1.09	1.09
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.16	0.16	0.18	0.03	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	21.85	20.81	19.53	13.47	14.19	14.22	13.58	14.86	14.22	13.58	14.22	14.22	12.86	12.28	12.34	11.05
300 AMP Arc Welderc.	-	-	-	-	4.93	6.02	5.76	6.31	6.02	5.76	6.02	6.02	5.61	5.37	5.61	5.37
36M Boom Pumpd.	3.71	3.45	3.98	0.80	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	123.87	129.61	123.87
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.23	23.15
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	3.41	3.56	3.41
	814.86	775.96	789.76	303.54	240.06	239.65	228.70	250.31	239.65	228.70	239.65	239.65	223.04	341.61	374.74	352.07
	37.04	35.27	35.90	13.80	10.91	10.89	10.40	11.38	10.89	10.40	10.89	10.89	10.14	15.53	17.03	16.00

LAX CUP																
Monthly VOC Emissions (lbs)	2012								2013							
	May-12	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	-	-	-	-	9.20	14.07	12.21	11.59	12.42	11.28	11.85	12.42	36.77	31.99	35.20	35.20
Water Truck Inc Water	-	-	-	-	9.70	14.84	12.97	12.27	13.54	12.32	12.87	13.54	40.06	34.84	38.28	38.28
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	-	-	-	-	13.39	20.46	17.90	17.00	18.35	16.80	17.50	18.35	15.53	13.55	14.96	14.96
14 YD Semi End Dumps	-	-	-	-	7.01	10.73	9.31	8.84	9.94	9.02	9.48	9.94	8.40	7.31	8.05	8.05
Light Plants	-	-	-	-	13.43	20.76	18.01	17.09	18.61	16.90	17.75	18.61	31.50	27.49	30.35	30.35
30 KW Generator	-	-	-	-	8.20	12.68	11.00	10.44	11.27	10.23	10.75	11.27	19.07	16.65	18.38	18.38
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	-	-	-	-	-	-	-	-	-	-	-	-	75.17	65.46	72.11	72.11
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	1.63	1.49	1.49	1.63	4.42	6.33	5.54	5.26	5.43	4.97	5.18	5.43	12.29	10.70	11.78	11.78
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	0.83	1.24	1.04	1.04	0.97	0.97	0.97	0.97	10.65	9.29	10.26	10.26
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	0.17	0.26	0.23	0.21	0.22	0.21	0.22	0.22	0.39	0.34	0.36	0.36
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	8.68	7.51	8.21	8.21
Man Basketd.	135.68	123.87	123.87	135.68	23.62	-	-	-	-	-	-	-	198.23	172.48	189.84	189.84
Pickupsc.	22.23	24.37	22.23	22.23	24.37	24.67	31.07	27.11	23.96	27.95	25.38	26.53	27.95	47.35	41.07	45.06
Sissor Liftd.	3.72	3.41	3.41	3.72	0.65	-	-	-	-	-	-	-	5.45	4.74	5.22	5.22
	163.27	153.13	151.00	163.27	114.99	126.03	119.28	110.85	114.72	110.65	111.97	117.28	490.14	449.69	484.10	488.09
	7.42	6.96	6.86	7.42	5.23	5.73	5.42	5.04	5.21	5.03	5.09	5.33	22.28	20.44	22.00	22.19

LAX CUP					
Monthly VOC Emissions (lbs)				**Project**	**Project**
	Sep-13	**Oct-13**	**Nov-13**	**VOC**	**VOC**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**
Vacuum Sweeper	20.78	-	-	784.40	0.39
Water Truck Inc Water	22.64	-	-	819.40	0.41
CAT 428 Backhoe	-	-	-	-	-
CAT H964 Rubber Tire Loader	8.75	-	-	1,048.54	0.52
14 YD Semi End Dumps	4.74	-	-	480.83	0.24
Light Plants	17.75	-	-	4,105.20	2.05
30 KW Generator	10.75	-	-	2,214.84	1.11
Truck / Trailer Low Boy	-	-	-	21.78	0.01
Ready Mix Truck	42.45	-	-	846.74	0.42
CAT330D Excavator	-	-	-	198.45	0.10
100 T Grove Mobile Crane	-	-	-	32.28	0.02
Gradall 544D Hi Lift	6.94	-	-	643.24	0.32
JD 210LJ Skiploader	-	-	-	1,337.51	0.67
Hydrolic Caissons Drill Rig	-	-	-	-	-
50 Ton Grove Crane	6.00	-	-	111.48	0.06
Cat 385C Excavator	-	-	-	13.75	0.01
10 Yard Dump Trucks	-	-	-	-	-
Cat CP76 Compactor	0.22	-	-	5.49	0.00
Maint. Vehicle	-	-	-	325.65	0.16
300 AMP Arc Welderc.	-	-	-	68.81	0.03
36M Boom Pumpd.	4.93	-	-	82.44	0.04
Man Basketd.	111.99	383.28	-	2,165.73	1.08
Pickupsc.	45.06	26.81	91.27	672.06	0.34
Sissor Liftd.	3.08	10.54	-	59.54	0.03
	306.08	420.63	91.27	16,038.16	8.02
	13.91	19.12	4.15	729.01	0.36

LAX CUP			1	2	3	4	5	6	7	8	9	10	11
Monthly NOX Emissions (lbs)			**2009**		**2010**								
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	24.15	91.68	80.14	76.37	87.69	115.97	164.53	133.89	83.91	88.16	83.91
Water Truck Inc Water	Diesel	230	43.80	168.77	143.82	137.78	158.33	207.88	294.90	240.51	151.08	158.33	151.08
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	38.63	150.23	131.18	125.03	143.48	233.66	384.31	340.24	253.13	265.43	253.13
14 YD Semi End Dumps	Diesel	174	9.40	36.41	32.41	30.89	35.46	49.95	74.36	62.54	41.94	43.85	41.94
Light Plants	Diesel	450	161.87	620.89	544.34	518.72	597.71	873.08	1,336.30	1,139.91	789.82	828.25	789.82
30 KW Generator	Diesel	268	113.09	433.78	379.37	361.51	416.56	502.85	656.08	505.82	275.23	288.62	275.23
Truck / Trailer Low Boy	Diesel	210	2.35	7.06	6.62	5.52	6.62	6.62	6.62	3.31	-	-	-
Ready Mix Truck	Diesel	530	32.66	130.62	111.40	105.83	122.54	175.46	264.58	222.80	153.18	158.75	153.18
CAT330D Excavator	Diesel	84	-	-	-	-	-	28.24	74.27	77.75	74.27	77.75	74.27
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	27.54	72.37	75.88	72.37	75.88	72.37
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	260.10	683.46	715.28	683.46	715.28	683.46
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	10.08	26.46	27.72	26.46	27.72	26.46
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.40	1.00	1.10	1.00	1.10	1.00
Maint. Vehicle	Diesel	450	26.14	99.24	82.84	78.95	90.64	86.74	82.84	47.27	-	-	-
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	7.36	20.62	20.62	20.62	20.62	20.62
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		452.1	1,738.7	1,512.1	1,440.6	1,659.0	2,585.9	4,142.7	3,614.6	2,626.5	2,749.7	2,626.5
	lbs/day -->		20.6	79.0	68.7	65.5	75.4	117.5	188.3	164.3	119.4	125.0	119.4
	Peak Daily NOX		**273**	**lbs/day**									
			Assumes 22 working days per month										

LAX CUP	12	13	14	15	16	17	18	19	20	21	22	23	24
Monthly NOX Emissions (lbs)									2011				
	Oct-10	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	109.84	142.37	205.07	188.42	179.41	178.50	70.32	61.30	61.76	59.05	64.91	61.76	59.05
Water Truck Inc Water	197.00	255.02	368.62	327.18	311.55	309.32	121.72	106.08	107.20	102.73	111.67	107.20	102.73
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	304.37	366.89	492.94	451.57	430.21	435.06	143.73	25.25	8.74	7.77	8.74	8.74	7.77
14 YD Semi End Dumps	56.44	75.12	341.66	318.41	303.53	331.80	252.57	49.84	3.72	3.72	4.09	3.72	3.72
Light Plants	1,024.64	1,321.36	1,803.79	1,650.66	1,571.38	1,557.15	563.09	518.37	536.67	512.27	561.06	536.67	512.27
30 KW Generator	473.09	743.86	1,069.67	964.47	919.15	838.43	335.65	399.39	420.63	402.22	440.46	420.63	402.22
Truck / Trailer Low Boy	4.41	11.04	20.97	17.33	17.33	14.27	8.16	6.12	5.10	5.10	5.10	5.10	5.10
Ready Mix Truck	153.18	144.82	417.76	375.69	357.67	411.71	259.89	113.22	84.92	79.77	87.49	84.92	79.77
CAT330D Excavator	93.61	118.36	142.73	129.23	123.04	119.03	29.85	3.28	-	-	-	-	-
100 T Grove Mobile Crane	0.61	1.22	1.22	0.87	0.87	1.16	0.87	12.16	14.77	13.90	15.35	14.77	13.90
Gradall 544D Hi Lift	77.06	79.40	83.21	76.82	72.99	84.20	22.14	141.88	171.14	163.48	179.06	171.14	163.48
JD 210LJ Skiploader	683.46	650.26	683.46	647.64	616.17	709.26	123.23	14.42	17.04	15.73	17.04	17.04	15.73
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	26.46	25.20	26.46	25.04	23.85	27.43	4.77	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	-	6.93	6.93	6.93	6.93	6.93	6.93
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	1.00	1.00	1.00	0.94	0.94	1.04	0.19	-	-	-	-	-	-
Maint. Vehicle	57.99	139.37	319.68	270.10	257.32	241.46	166.55	175.37	175.81	167.87	183.74	175.81	167.87
300 AMP Arc Welderc.	-	-	-	-	-	-	-	25.77	31.44	30.06	32.97	31.44	30.06
36M Boom Pumpd.	20.62	19.15	20.62	19.96	18.53	21.38	4.28	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-
	3,283.8	4,094.4	5,998.9	5,464.3	5,203.9	5,281.2	2,107.0	1,659.4	1,645.9	1,570.6	1,718.6	1,645.9	1,570.6
	149.3	186.1	272.7	248.4	236.5	240.1	95.8	75.4	74.8	71.4	78.1	74.8	71.4

LAX CUP	25	26	27	28	29	30									
Monthly NOX Emissions (lbs)								2012							
	Nov-11	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**							
Vacuum Sweeper	61.76	61.76	59.01	56.42	57.71	52.98	-	-	-	-	51.25	78.39	68.05	64.61	71.28
Water Truck Inc Water	107.20	107.20	99.00	94.88	96.94	88.69	-	-	-	-	85.60	130.97	114.47	108.29	116.31
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	8.74	8.74	8.28	7.36	8.28	7.36	-	-	-	-	81.90	125.15	109.51	103.99	113.03
14 YD Semi End Dumps	3.72	3.72	3.63	3.63	3.63	3.63	-	-	-	-	43.22	66.10	57.39	54.48	61.84
Light Plants	536.67	536.67	509.04	485.91	493.62	449.27	-	-	-	-	84.84	131.12	113.76	107.98	118.49
30 KW Generator	420.63	420.63	398.56	381.12	390.51	362.33	-	-	-	-	59.05	91.25	79.18	75.15	82.32
Truck / Trailer Low Boy	5.10	5.10	4.71	4.71	4.71	4.71	-	-	-	-	-	-	-	-	-
Ready Mix Truck	84.92	84.92	78.42	73.67	78.42	73.67	-	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	14.77	14.77	13.96	13.14	13.41	12.32	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	171.14	171.14	159.03	160.05	164.11	151.41	8.89	8.13	8.13	8.89	24.13	34.55	30.23	28.71	30.53
JD 210LJ Skiploader	17.04	17.04	16.15	14.91	16.15	14.91	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	4.51	6.76	5.64	5.64	5.30
Cat 385C Excavator	6.93	6.93	6.53	6.53	6.53	6.53	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	0.97	1.50	1.33	1.24	1.32
Maint. Vehicle	175.81	175.81	157.32	150.22	151.01	135.24	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	31.44	31.44	29.93	28.62	29.93	28.62	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	748.70	783.43	748.70	820.09	748.70	748.70	820.09	142.79	-	-	-	-
Pickupsc.	-	-	-	-	21.66	22.55	21.66	23.74	21.66	21.66	23.74	24.04	30.27	26.41	22.86
Sissor Liftd.	-	-	-	20.59	21.54	20.59	22.50	20.59	20.59	22.50	3.93	-	-	-	-
	1,645.9	1,645.9	1,543.6	2,250.4	2,341.6	2,183.5	873.1	801.2	799.1	873.1	605.9	689.8	609.8	576.5	623.3
	74.8	74.8	70.2	102.3	106.4	99.2	39.7	36.4	36.3	39.7	27.5	31.4	27.7	26.2	28.3

LAX CUP												
Monthly NOX Emissions (lbs)	2013											Project
	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Project Nox	Nox
Equipment											lbs	tons
Vacuum Sweeper	64.72	68.00	71.28	210.97	183.52	201.96	201.96	119.21	-	-	4,276.98	2.14
Water Truck Inc Water	105.83	110.59	116.31	344.17	299.36	328.92	328.92	194.49	-	-	7,362.43	3.68
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	103.47	107.82	113.03	95.64	83.47	92.17	92.17	53.91	-	-	6,334.27	3.17
14 YD Semi End Dumps	56.15	59.00	61.84	52.24	45.49	50.11	50.11	29.50	-	-	2,916.95	1.46
Light Plants	107.55	113.02	118.49	200.52	175.00	193.23	193.23	113.02	-	-	25,651.50	12.83
30 KW Generator	74.72	78.52	82.32	139.30	121.57	134.24	134.24	78.52	-	-	15,642.15	7.82
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	198.87	0.10
Ready Mix Truck	-	-	-	645.89	562.41	619.53	619.53	364.69	-	-	7,567.86	3.78
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	1,165.66	0.58
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	174.06	0.09
Gradall 544D Hi Lift	27.95	29.12	30.53	69.05	60.12	66.23	66.23	38.99	-	-	3,429.71	1.71
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	8,047.74	4.02
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	5.30	5.30	5.30	58.35	50.92	56.23	56.23	32.89	-	-	602.48	0.30
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	81.58	0.04
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	1.24	1.32	1.32	2.31	1.98	2.15	2.15	1.32	-	-	31.87	0.02
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	4,039.00	2.02
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	361.72	0.18
36M Boom Pumpd.	-	-	-	50.47	43.65	47.74	47.74	28.65	-	-	453.26	0.23
Man Basketd.	-	-	-	1,219.23	1,060.84	1,167.66	1,167.66	688.81	2,357.42	-	13,222.81	6.61
Pickupsc.	26.67	24.22	25.31	26.67	45.18	39.19	43.00	43.00	25.58	87.10	646.21	0.32
Sissor Liftd.	-	-	-	33.53	29.17	32.11	32.11	18.94	64.83	-	363.52	0.18
	573.6	596.9	625.7	3,148.4	2,762.7	3,031.5	3,035.3	1,805.9	2,447.8	87.1	102,570.63	51.29
	26.1	27.1	28.4	143.1	125.6	137.8	138.0	82.1	111.3	4.0	4,662.30	2.33

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Monthly SOX Emissions (lbs)			**2009**		**2010**												
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	0.03	0.12	0.11	0.10	0.12	0.16	0.22	0.18	0.11	0.12	0.11	0.15	0.19	0.28	0.27
Water Truck Inc Water	Diesel	230	0.04	0.17	0.15	0.15	0.17	0.22	0.32	0.26	0.16	0.17	0.16	0.21	0.27	0.39	0.38
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	0.04	0.16	0.14	0.14	0.16	0.26	0.42	0.37	0.28	0.29	0.28	0.33	0.40	0.54	0.52
14 YD Semi End Dumps	Diesel	174	0.01	0.05	0.05	0.05	0.05	0.07	0.11	0.09	0.06	0.07	0.06	0.08	0.11	0.51	0.49
Light Plants	Diesel	450	0.17	0.66	0.60	0.57	0.66	0.96	1.47	1.25	0.87	0.91	0.87	1.12	1.45	1.98	1.90
30 KW Generator	Diesel	268	0.13	0.49	0.44	0.42	0.49	0.59	0.77	0.59	0.32	0.34	0.32	0.55	0.87	1.25	1.18
Truck / Trailer Low Boy	Diesel	210	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-	-	-	0.00	0.01	0.02	0.02
Ready Mix Truck	Diesel	530	0.03	0.13	0.12	0.11	0.13	0.19	0.28	0.24	0.16	0.17	0.16	0.16	0.16	0.45	0.44
CAT330D Excavator	Diesel	84	-	-	-	-	-	0.03	0.09	0.09	0.09	0.09	0.09	0.11	0.14	0.17	0.17
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	0.03	0.08	0.09	0.08	0.09	0.08	0.09	0.09	0.10	0.10
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	0.29	0.75	0.79	0.75	0.79	0.75	0.75	0.72	0.75	0.75
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maint. Vehicle	Diesel	450	0.03	0.10	0.09	0.09	0.10	0.09	0.09	0.05	-	-	-	0.06	0.15	0.35	0.31
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		0.49	1.87	1.71	1.63	1.88	2.92	4.67	4.07	2.96	3.09	2.96	3.70	4.63	6.85	6.59
	lbs/day -->		0.02	0.09	0.08	0.07	0.09	0.13	0.21	0.19	0.13	0.14	0.13	0.17	0.21	0.31	0.30
	Peak Daily SOX		**0.31**	**lbs/day**													
			Assumes 22 working days per month														

LAX CUP	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
Monthly SOX Emissions (lbs)	**2011**											**2012**						
	Feb-11	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	0.25	0.25	0.10	0.09	0.09	0.08	0.09	0.09	0.08	0.09	0.09	0.09	0.08	0.09	0.08	-	-	-
Water Truck Inc Water	0.36	0.36	0.14	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	-	-	-
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.50	0.51	0.17	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-
14 YD Semi End Dumps	0.47	0.51	0.39	0.08	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-
Light Plants	1.81	1.79	0.65	0.60	0.62	0.59	0.65	0.62	0.59	0.62	0.62	0.62	0.59	0.60	0.55	-	-	-
30 KW Generator	1.13	1.03	0.41	0.49	0.52	0.49	0.54	0.52	0.49	0.52	0.52	0.52	0.49	0.51	0.47	-	-	-
Truck / Trailer Low Boy	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-
Ready Mix Truck	0.41	0.48	0.30	0.13	0.10	0.09	0.10	0.10	0.09	0.10	0.10	0.10	0.09	0.10	0.09	-	-	-
CAT330D Excavator	0.16	0.15	0.04	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01	-	-	-
Gradall 544D Hi Lift	0.09	0.11	0.03	0.18	0.21	0.20	0.22	0.21	0.20	0.21	0.21	0.21	0.22	0.22	0.20	0.01	0.01	0.01
JD 210LJ Skiploader	0.72	0.82	0.14	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	0.03	0.03	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	0.30	0.28	0.19	0.20	0.20	0.19	0.21	0.20	0.19	0.20	0.20	0.21	0.20	0.20	0.18	-	-	-
300 AMP Arc Welderc.	-	-	-	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-	-	-
36M Boom Pumpd.	0.03	0.03	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	1.08	1.13	1.08	1.18	1.08	1.08
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	0.31	0.30	0.33	0.30
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	0.03	0.03	0.03	0.03	0.03	0.03
	6.27	6.37	2.58	1.99	1.96	1.87	2.05	1.96	1.87	1.96	1.96	1.97	3.00	3.39	3.19	1.52	1.45	1.42
	0.29	0.29	0.12	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.14	0.15	0.15	0.07	0.07	0.06

LAX CUP																		
Monthly SOX Emissions (lbs)						2013											Project	Project
	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Sox	Sox
Equipment	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs/mo	lbs	tons
Vacuum Sweeper	-	0.08	0.12	0.10	0.10	0.11	0.10	0.11	0.11	0.33	0.28	0.31	0.31	0.18	-	-	6.13	0.00
Water Truck Inc Water	-	0.11	0.16	0.14	0.14	0.16	0.14	0.15	0.16	0.47	0.41	0.45	0.45	0.26	-	-	8.74	0.00
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	-	0.10	0.15	0.13	0.13	0.15	0.13	0.14	0.15	0.12	0.11	0.12	0.12	0.07	-	-	7.28	0.00
14 YD Semi End Dumps	-	0.07	0.10	0.09	0.09	0.10	0.09	0.10	0.10	0.08	0.07	0.08	0.08	0.05	-	-	4.49	0.00
Light Plants	-	0.10	0.16	0.14	0.13	0.15	0.14	0.15	0.15	0.26	0.22	0.25	0.25	0.15	-	-	29.15	0.01
30 KW Generator	-	0.08	0.12	0.10	0.10	0.11	0.10	0.11	0.11	0.19	0.17	0.18	0.18	0.11	-	-	19.06	0.01
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22	0.00
Ready Mix Truck	-	-	-	-	-	-	-	-	-	0.88	0.76	0.84	0.84	0.49	-	-	9.14	0.00
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.45	0.00
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	0.00
Gradall 544D Hi Lift	0.01	0.03	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.10	0.09	0.10	0.10	0.06	-	-	4.40	0.00
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.00	0.00
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07	0.06	0.07	0.07	0.04	-	-	0.66	0.00
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.00
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cat CP76 Compactor	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-		
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	0.09	0.07	0.08	0.08	0.05	-	-	0.74	0.00
Man Basketd.	1.18	0.21	-	-	-	-	-	-	-	1.84	1.60	1.76	1.76	1.04	3.55	-	19.55	0.01
Pickupsc.	0.30	0.33	0.33	0.42	0.37	0.34	0.40	0.36	0.38	0.40	0.68	0.59	0.65	0.65	0.39	1.31	9.44	0.00
Sissor Liftd.	0.03	0.01	-	-	-	-	-	-	-	0.05	0.04	0.05	0.05	0.03	0.10	-	0.54	0.00
	1.52	1.11	1.20	1.18	1.08	1.18	1.16	1.16	1.21	4.88	4.58	4.88	4.94	3.17	4.04	1.31	135.43	0.07
	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.22	0.21	0.22	0.22	0.14	0.18	0.06	6.16	0.00
																	0.31	0.00

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12	13
Monthly PM10 Emissions (lbs)			**2009**		**2010**										
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	1.62	6.17	5.23	4.98	5.72	7.56	10.73	8.73	5.47	5.75	5.47	7.16	9.28
Water Truck Inc Water	Diesel	230	1.77	6.83	5.85	5.61	6.44	8.46	12.00	9.79	6.15	6.44	6.15	8.02	10.38
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	2.23	8.68	7.46	7.11	8.16	13.28	21.85	19.34	14.39	15.09	14.39	17.30	20.86
14 YD Semi End Dumps	Diesel	174	0.56	2.17	1.83	1.74	2.00	2.82	4.20	3.53	2.37	2.48	2.37	3.19	4.24
Light Plants	Diesel	450	9.08	34.83	29.95	28.54	32.89	48.04	73.54	62.73	43.46	45.58	43.46	56.38	72.71
30 KW Generator	Diesel	268	6.07	23.27	20.19	19.24	22.17	26.76	34.92	26.92	14.65	15.36	14.65	25.18	39.59
Truck / Trailer Low Boy	Diesel	210	0.10	0.29	0.27	0.22	0.27	0.27	0.27	0.13	-	-	-	0.18	0.45
Ready Mix Truck	Diesel	530	1.32	5.29	4.53	4.31	4.99	7.14	10.77	9.07	6.23	6.46	6.23	6.23	5.89
CAT330D Excavator	Diesel	84	-	-	-	-	-	1.73	4.54	4.75	4.54	4.75	4.54	5.72	7.24
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	0.04	0.08
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	1.91	5.02	5.26	5.02	5.26	5.02	5.34	5.50
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	14.79	38.85	40.66	38.85	40.66	38.85	38.85	36.96
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	0.65	1.70	1.78	1.70	1.78	1.70	1.70	1.62
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.02	0.06	0.07	0.06	0.07	0.06	0.06	0.06
Maint. Vehicle	Diesel	450	1.76	6.67	5.74	5.47	6.28	6.01	5.74	3.27	-	-	-	4.02	9.65
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	0.46	1.29	1.29	1.29	1.29	1.29	1.29	1.20
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		24.51	94.19	81.05	77.22	88.92	139.91	225.47	197.34	144.19	150.98	144.19	180.68	225.73
	lbs/day -->		1.11	4.28	3.68	3.51	4.04	6.36	10.25	8.97	6.55	6.86	6.55	8.21	10.26
	Peak Daily PM10		**14.93**	**lbs/day**											
			Assumes 22 working days per month												

LAX CUP	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Monthly PM10 Emissions (lbs)		2011													
	Dec-10	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	13.37	11.94	11.37	11.32	4.46	3.89	3.91	3.74	4.11	3.91	3.74	3.91	3.91	3.59	3.43
Water Truck Inc Water	15.00	13.29	12.66	12.57	4.95	4.31	4.36	4.17	4.54	4.36	4.17	4.36	4.36	3.96	3.79
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	28.02	25.24	24.04	24.31	8.03	1.41	0.49	0.43	0.49	0.49	0.43	0.49	0.49	0.45	0.40
14 YD Semi End Dumps	19.30	17.08	16.28	17.80	13.55	2.67	0.20	0.20	0.22	0.20	0.20	0.20	0.20	0.18	0.18
Light Plants	99.26	89.29	85.00	84.23	30.46	28.04	29.03	27.71	30.35	29.03	27.71	29.03	29.03	27.12	25.89
30 KW Generator	56.93	50.87	48.48	44.22	17.70	21.07	22.19	21.22	23.23	22.19	21.22	22.19	22.19	20.72	19.81
Truck / Trailer Low Boy	0.85	0.70	0.70	0.58	0.33	0.25	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.19	0.19
Ready Mix Truck	17.00	15.27	14.53	16.73	10.56	4.60	3.45	3.24	3.55	3.45	3.24	3.45	3.45	3.13	2.94
CAT330D Excavator	8.73	7.71	7.34	7.10	1.78	0.20	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.08	0.06	0.06	0.07	0.06	0.78	0.94	0.89	0.98	0.94	0.89	0.94	0.94	0.88	0.83
Gradall 544D Hi Lift	5.77	5.23	4.97	5.73	1.51	9.66	11.65	11.13	12.19	11.65	11.13	11.65	11.65	10.48	10.55
JD 210LJ Skiploader	38.85	36.19	34.43	39.64	6.89	0.81	0.95	0.88	0.95	0.95	0.88	0.95	0.95	0.88	0.81
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	1.70	1.60	1.52	1.75	0.30	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.38	0.38
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.06	0.06	0.06	0.06	0.01	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	22.13	19.36	18.44	17.30	11.94	12.57	12.60	12.03	13.17	12.60	12.03	12.60	12.60	11.76	11.23
300 AMP Arc Welderc.	-	-	-	-	-	1.69	2.06	1.97	2.16	2.06	1.97	2.06	2.06	1.93	1.84
36M Boom Pumpd.	1.29	1.18	1.09	1.26	0.25	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.01
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.13
	328.37	295.07	281.00	284.69	112.78	92.35	92.46	88.24	96.58	92.46	88.24	92.46	92.46	85.65	124.42
	14.93	13.41	12.77	12.94	5.13	4.20	4.20	4.01	4.39	4.20	4.01	4.20	4.20	3.89	5.66

LAX CUP	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Monthly PM10 Emissions (lbs)					2012											2013	
	Mar-12	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	3.51	3.22	-	-	-	-	3.12	4.77	4.14	3.93	4.15	3.77	3.96	4.15	12.28	10.68	11.76
Water Truck Inc Water	3.88	3.55	-	-	-	-	3.42	5.24	4.58	4.33	4.55	4.14	4.33	4.55	13.48	11.72	12.88
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.45	0.40	-	-	-	-	4.46	6.81	5.96	5.66	5.99	5.48	5.71	5.99	5.07	4.42	4.88
14 YD Semi End Dumps	0.18	0.18	-	-	-	-	2.20	3.37	2.92	2.77	2.98	2.71	2.85	2.98	2.52	2.19	2.42
Light Plants	26.30	23.94	-	-	-	-	4.52	6.99	6.06	5.75	6.18	5.61	5.90	6.18	10.47	9.13	10.09
30 KW Generator	20.30	18.83	-	-	-	-	3.07	4.74	4.12	3.91	4.19	3.81	4.00	4.19	7.09	6.19	6.84
Truck / Trailer Low Boy	0.19	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	3.13	2.94	-	-	-	-	-	-	-	-	-	-	-	-	25.29	22.02	24.26
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.84	0.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	10.81	9.98	0.59	0.54	0.54	0.59	1.59	2.28	1.99	1.89	1.92	1.76	1.83	1.92	4.35	3.79	4.17
JD 210LJ Skiploader	0.88	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	0.28	0.43	0.35	0.35	0.33	0.33	0.33	0.33	3.59	3.14	3.46
Cat 385C Excavator	0.38	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	0.06	0.09	0.08	0.07	0.08	0.07	0.08	0.08	0.13	0.12	0.13
Maint. Vehicle	11.29	10.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	1.93	1.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.61	2.26	2.47
Man Basketd.	42.92	41.01	44.92	41.01	41.01	44.92	7.82	-	-	-	-	-	-	-	64.39	56.02	61.66
Pickupsc.	25.28	26.32	25.28	27.71	25.28	25.28	27.71	28.05	35.33	30.83	29.12	33.98	30.86	32.24	33.98	57.55	49.92
Sissor Liftd.	1.18	1.13	1.23	1.13	1.13	1.23	0.22	-	-	-	-	-	-	-	1.77	1.54	1.70
	153.45	145.61	72.03	70.39	67.96	72.03	58.47	62.76	65.53	59.50	59.50	61.65	59.84	62.62	187.02	190.78	196.63
	6.98	6.62	3.27	3.20	3.09	3.27	2.66	2.85	2.98	2.70	2.70	2.80	2.72	2.85	8.50	8.67	8.94

LAX CUP	46	47	48	49	50	51	52	53	54	55	56	57	58
Monthly PM10 Emissions (lbs)					**Total**	**Total**			**2009**				
	Aug-13	**Sep-13**	**Oct-13**	**Nov-13**	**PM10**	**PM10**	**Controls**		**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**	**PM Trap Compatible?**	**Percent Reduction**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	11.76	6.94	-	-	266.66	0.13	No	0.0%	1.62	6.17	5.23	4.98	5.72
Water Truck Inc Water	12.88	7.62	-	-	295.88	0.15	No	0.0%	1.77	6.83	5.85	5.61	6.44
CAT 428 Backhoe	-	-	-	-	-	-	Low	8.3%	-	-	-	-	-
CAT H964 Rubber Tire Loader	4.88	2.86	-	-	354.35	0.18	High	74.7%	0.57	2.20	1.89	1.80	2.07
14 YD Semi End Dumps	2.42	1.42	-	-	156.12	0.08	No	0.0%	0.56	2.17	1.83	1.74	2.00
Light Plants	10.09	5.90	-	-	1,395.53	0.70	No	0.0%	9.08	34.83	29.95	28.54	32.89
30 KW Generator	6.84	4.00	-	-	825.31	0.41	No	0.0%	6.07	23.27	20.19	19.24	22.17
Truck / Trailer Low Boy	-	-	-	-	8.07	0.00	No	0.0%	0.10	0.29	0.27	0.22	0.27
Ready Mix Truck	24.26	14.28	-	-	303.27	0.15	No	0.0%	1.32	5.29	4.53	4.31	4.99
CAT330D Excavator	-	-	-	-	70.69	0.04	High	74.7%	-	-	-	-	-
100 T Grove Mobile Crane	-	-	-	-	11.06	0.01	No	0.0%	-	-	-	-	-
Gradall 544D Hi Lift	4.17	2.46	-	-	230.46	0.12	No	0.0%	-	-	-	-	-
JD 210LJ Skiploader	-	-	-	-	455.19	0.23	No	0.0%	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	No	0.0%	-	-	-	-	-
50 Ton Grove Crane	3.46	2.03	-	-	37.91	0.02	No	0.0%	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	4.82	0.00	No	0.0%	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	No	0.0%	-	-	-	-	-
Cat CP76 Compactor	0.13	0.08	-	-	1.89	0.00	Low	8.3%	-	-	-	-	-
Maint. Vehicle	-	-	-	-	288.33	0.14	No	0.0%	1.76	6.67	5.74	5.47	6.28
300 AMP Arc Welderc.	-	-	-	-	23.59	0.01	No	0.0%	-	-	-	-	-
36M Boom Pumpd.	2.47	1.48	-	-	25.81	0.01	No	0.0%	-	-	-	-	-
Man Basketd.	61.66	36.38	124.49	-	709.24	0.35	No	0.0%	-	-	-	-	-
Pickupsc.	54.78	54.78	32.59	110.94	797.81	0.40	No	0.0%	-	-	-	-	-
Sissor Liftd.	1.70	1.00	3.42	-	19.50	0.01	No	0.0%	-	-	-	-	-
	201.48	141.20	160.51	110.94	6,281	3.14		**lbs/month -->**	22.84	87.71	75.49	71.92	82.83
	9.16	6.42	7.30	5.04	285.52	0.14		**lbs/day -->**	1.04	3.99	3.43	3.27	3.76
								Peak Daily PM10		**13.68**	**lbs/day**		
									Assumes 22 working days per month				

LAX CUP	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
Monthly PM10 Emissions (lbs)			**2010**												**2011**
	Apr-10	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	7.56	10.73	8.73	5.47	5.75	5.47	7.16	9.28	13.37	11.94	11.37	11.32	4.46	3.89	3.91
Water Truck Inc Water	8.46	12.00	9.79	6.15	6.44	6.15	8.02	10.38	15.00	13.29	12.66	12.57	4.95	4.31	4.36
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	3.37	5.54	4.90	3.65	3.82	3.65	4.38	5.28	7.10	6.39	6.09	6.16	2.04	0.36	0.12
14 YD Semi End Dumps	2.82	4.20	3.53	2.37	2.48	2.37	3.19	4.24	19.30	17.08	16.28	17.80	13.55	2.67	0.20
Light Plants	48.04	73.54	62.73	43.46	45.58	43.46	56.38	72.71	99.26	89.29	85.00	84.23	30.46	28.04	29.03
30 KW Generator	26.76	34.92	26.92	14.65	15.36	14.65	25.18	39.59	56.93	50.87	48.48	44.22	17.70	21.07	22.19
Truck / Trailer Low Boy	0.27	0.27	0.13	-	-	-	0.18	0.45	0.85	0.70	0.70	0.58	0.33	0.25	0.21
Ready Mix Truck	7.14	10.77	9.07	6.23	6.46	6.23	6.23	5.89	17.00	15.27	14.53	16.73	10.56	4.60	3.45
CAT330D Excavator	0.44	1.15	1.20	1.15	1.20	1.15	1.45	1.83	2.21	1.95	1.86	1.80	0.45	0.05	-
100 T Grove Mobile Crane	-	-	-	-	-	-	0.04	0.08	0.08	0.06	0.06	0.07	0.06	0.78	0.94
Gradall 544D Hi Lift	1.91	5.02	5.26	5.02	5.26	5.02	5.34	5.50	5.77	5.23	4.97	5.73	1.51	9.66	11.65
JD 210LJ Skiploader	14.79	38.85	40.66	38.85	40.66	38.85	38.85	36.96	38.85	36.19	34.43	39.64	6.89	0.81	0.95
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	0.65	1.70	1.78	1.70	1.78	1.70	1.70	1.62	1.70	1.60	1.52	1.75	0.30	-	-
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	0.41	0.41
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.02	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.06	0.01	-	-
Maint. Vehicle	6.01	5.74	3.27	-	-	-	4.02	9.65	22.13	19.36	18.44	17.30	11.94	12.57	12.60
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	1.69	2.06
36M Boom Pumpd.	0.46	1.29	1.29	1.29	1.29	1.29	1.29	1.20	1.29	1.18	1.09	1.26	0.25	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	128.70	205.76	179.34	130.05	136.15	130.05	163.48	204.75	300.92	270.47	257.56	261.23	105.45	91.15	92.09
	5.85	9.35	8.15	5.91	6.19	5.91	7.43	9.31	13.68	12.29	11.71	11.87	4.79	4.14	4.19

LAX CUP	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Monthly PM10 Emissions (lbs)												2012					
	Jul-11	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	3.74	4.11	3.91	3.74	3.91	3.91	3.59	3.43	3.51	3.22	-	-	-	-	3.12	4.77	4.14
Water Truck Inc Water	4.17	4.54	4.36	4.17	4.36	4.36	3.96	3.79	3.88	3.55	-	-	-	-	3.42	5.24	4.58
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.11	0.12	0.12	0.11	0.12	0.12	0.11	0.10	0.11	0.10	-	-	-	-	1.13	1.73	1.51
14 YD Semi End Dumps	0.20	0.22	0.20	0.20	0.20	0.20	0.18	0.18	0.18	0.18	-	-	-	-	2.20	3.37	2.92
Light Plants	27.71	30.35	29.03	27.71	29.03	29.03	27.12	25.89	26.30	23.94	-	-	-	-	4.52	6.99	6.06
30 KW Generator	21.22	23.23	22.19	21.22	22.19	22.19	20.72	19.81	20.30	18.83	-	-	-	-	3.07	4.74	4.12
Truck / Trailer Low Boy	0.21	0.21	0.21	0.21	0.21	0.21	0.19	0.19	0.19	0.19	-	-	-	-	-	-	-
Ready Mix Truck	3.24	3.55	3.45	3.24	3.45	3.45	3.13	2.94	3.13	2.94	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.89	0.98	0.94	0.89	0.94	0.94	0.88	0.83	0.84	0.77	-	-	-	-	-	-	-
Gradall 544D Hi Lift	11.13	12.19	11.65	11.13	11.65	11.65	10.48	10.55	10.81	9.98	0.59	0.54	0.54	0.59	1.59	2.28	1.99
JD 210LJ Skiploader	0.88	0.95	0.95	0.88	0.95	0.95	0.88	0.81	0.88	0.81	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28	0.43	0.35
Cat 385C Excavator	0.41	0.41	0.41	0.41	0.41	0.41	0.38	0.38	0.38	0.38	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	0.08	0.07
Maint. Vehicle	12.03	13.17	12.60	12.03	12.60	12.60	11.76	11.23	11.29	10.11	-	-	-	-	-	-	-
300 AMP Arc Welderc.	1.97	2.16	2.06	1.97	2.06	2.06	1.93	1.84	1.93	1.84	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	41.01	42.92	41.01	44.92	41.01	41.01	44.92	7.82	-	-
Pickupsc.	-	-	-	-	-	-	-	-	25.28	26.32	25.28	27.71	25.28	25.28	27.71	28.05	35.33
Sissor Liftd.	-	-	-	-	-	-	-	1.13	1.18	1.13	1.23	1.13	1.13	1.23	0.22	-	-
	87.92	96.21	92.09	87.92	92.09	92.09	85.31	124.12	153.12	145.32	72.03	70.39	67.96	72.03	55.13	57.67	61.07
	4.00	4.37	4.19	4.00	4.19	4.19	3.88	5.64	6.96	6.61	3.27	3.20	3.09	3.27	2.51	2.62	2.78

LAX CUP	91	92	93	94	95	96	97	98	99	100	101	102	103	104
Monthly PM10 Emissions (lbs)		2013											Total	Total
	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	PM10	PM10
Equipment	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs	tons
Vacuum Sweeper	3.93	4.15	3.77	3.96	4.15	12.28	10.68	11.76	11.76	6.94	-	-	266.66	0.13
Water Truck Inc Water	4.33	4.55	4.14	4.33	4.55	13.48	11.72	12.88	12.88	7.62	-	-	295.88	0.15
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1.43	1.52	1.39	1.45	1.52	1.28	1.12	1.24	1.24	0.72	-	-	89.78	0.04
14 YD Semi End Dumps	2.77	2.98	2.71	2.85	2.98	2.52	2.19	2.42	2.42	1.42	-	-	156.12	0.08
Light Plants	5.75	6.18	5.61	5.90	6.18	10.47	9.13	10.09	10.09	5.90	-	-	1,395.53	0.70
30 KW Generator	3.91	4.19	3.81	4.00	4.19	7.09	6.19	6.84	6.84	4.00	-	-	825.31	0.41
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	8.07	0.00
Ready Mix Truck	-	-	-	-	-	25.29	22.02	24.26	24.26	14.28	-	-	303.27	0.15
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	17.91	0.01
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	11.06	0.01
Gradall 544D Hi Lift	1.89	1.92	1.76	1.83	1.92	4.35	3.79	4.17	4.17	2.46	-	-	230.46	0.12
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	455.19	0.23
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	0.35	0.33	0.33	0.33	0.33	3.59	3.14	3.46	3.46	2.03	-	-	37.91	0.02
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	4.82	0.00
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.07	0.07	0.07	0.07	0.07	0.12	0.11	0.11	0.11	0.07	-	-	1.73	0.00
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	288.33	0.14
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	23.59	0.01
36M Boom Pumpd.	-	-	-	-	-	2.61	2.26	2.47	2.47	1.48	-	-	25.81	0.01
Man Basketd.	-	-	-	-	-	64.39	56.02	61.66	61.66	36.38	124.49	-	709.24	0.35
Pickupsc.	30.83	29.12	33.98	30.86	32.24	33.98	57.55	49.92	54.78	54.78	32.59	110.94	797.81	0.40
Sissor Liftd.	-	-	-	-	-	1.77	1.54	1.70	1.70	1.00	3.42	-	19.50	0.01
	55.27	55.02	57.56	55.57	58.14	183.23	187.47	192.97	197.83	139.07	160.51	110.94	5,964	2.98
	2.51	2.50	2.62	2.53	2.64	8.33	8.52	8.77	8.99	6.32	7.30	5.04	271.09	0.14

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12	13
Monthly PM2.5 Emissions (lbs)			**2009**		**2010**										
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	1.49	5.67	4.81	4.58	5.26	6.96	9.87	8.03	5.03	5.29	5.03	6.59	8.54
Water Truck Inc Water	Diesel	230	1.63	6.28	5.39	5.16	5.93	7.78	11.04	9.01	5.66	5.93	5.66	7.38	9.55
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	2.05	7.98	6.86	6.54	7.50	12.22	20.10	17.79	13.24	13.88	13.24	15.92	19.19
14 YD Semi End Dumps	Diesel	174	0.52	2.00	1.68	1.61	1.84	2.60	3.86	3.25	2.18	2.28	2.18	2.93	3.90
Light Plants	Diesel	450	8.35	32.04	27.56	26.26	30.26	44.20	67.65	57.71	39.99	41.93	39.99	51.87	66.90
30 KW Generator	Diesel	268	5.58	21.41	18.58	17.70	20.40	24.62	32.13	24.77	13.48	14.13	13.48	23.17	36.43
Truck / Trailer Low Boy	Diesel	210	0.09	0.26	0.25	0.21	0.25	0.25	0.25	0.12	-	-	-	0.17	0.41
Ready Mix Truck	Diesel	530	1.22	4.86	4.17	3.96	4.59	6.57	9.91	8.34	5.74	5.94	5.74	5.74	5.42
CAT330D Excavator	Diesel	84	-	-	-	-	-	1.59	4.18	4.37	4.18	4.37	4.18	5.27	6.66
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	0.04	0.07
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	1.76	4.61	4.84	4.61	4.84	4.61	4.91	5.06
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	13.60	35.74	37.41	35.74	37.41	35.74	35.74	34.01
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	0.60	1.56	1.64	1.56	1.64	1.56	1.56	1.49
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	0.02	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Maint. Vehicle	Diesel	450	1.18	4.48	3.77	3.59	4.12	3.95	3.77	2.15	-	-	-	2.64	6.34
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	0.43	1.19	1.19	1.19	1.19	1.19	1.19	1.11
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		22.11	85.00	73.06	69.61	80.15	127.14	205.93	180.69	132.66	138.90	132.66	165.17	205.13
	lbs/day -->		1.01	3.86	3.32	3.16	3.64	5.78	9.36	8.21	6.03	6.31	6.03	7.51	9.32
	Peak Daily PM2.5		**13.47**	**lbs/day**											
			Assumes 22 working days per month												

LAX CUP	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Monthly PM2.5 Emissions (lbs)							**2011**										
	Dec-10	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	12.30	10.99	10.46	10.41	4.10	3.58	3.60	3.44	3.79	3.60	3.44	3.60	3.60	3.30	3.16	3.23	2.97
Water Truck Inc Water	13.80	12.23	11.65	11.56	4.55	3.97	4.01	3.84	4.17	4.01	3.84	4.01	4.01	3.64	3.49	3.57	3.26
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	25.78	23.22	22.12	22.37	7.39	1.30	0.45	0.40	0.45	0.45	0.40	0.45	0.45	0.41	0.37	0.41	0.37
14 YD Semi End Dumps	17.76	15.72	14.98	16.38	12.47	2.46	0.18	0.18	0.20	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17
Light Plants	91.32	82.15	78.20	77.50	28.02	25.80	26.71	25.49	27.92	26.71	25.49	26.71	26.71	24.95	23.82	24.20	22.02
30 KW Generator	52.38	46.80	44.60	40.69	16.29	19.38	20.41	19.52	21.37	20.41	19.52	20.41	20.41	19.06	18.22	18.67	17.33
Truck / Trailer Low Boy	0.79	0.65	0.65	0.53	0.30	0.23	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.17	0.17	0.17	0.17
Ready Mix Truck	15.64	14.04	13.37	15.39	9.72	4.23	3.17	2.98	3.27	3.17	2.98	3.17	3.17	2.88	2.71	2.88	2.71
CAT330D Excavator	8.03	7.10	6.76	6.54	1.64	0.18	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.07	0.05	0.05	0.07	0.05	0.71	0.87	0.82	0.90	0.87	0.82	0.87	0.87	0.81	0.76	0.78	0.71
Gradall 544D Hi Lift	5.31	4.81	4.57	5.28	1.39	8.89	10.72	10.24	11.22	10.72	10.24	10.72	10.72	9.64	9.70	9.95	9.18
JD 210LJ Skiploader	35.74	33.30	31.68	36.47	6.34	0.74	0.88	0.81	0.88	0.88	0.81	0.88	0.88	0.81	0.75	0.81	0.75
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	1.56	1.47	1.40	1.61	0.28	-	-	-	-	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.35	0.35	0.35	0.35
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.06	0.05	0.05	0.06	0.01	-	-	-	-	-	-	-	-	-	-	-	-
Maint. Vehicle	14.54	12.37	11.78	11.06	7.63	8.03	8.05	7.69	8.41	8.05	7.69	8.05	8.05	7.28	6.95	6.99	6.26
300 AMP Arc Welderc.	-	-	-	-	-	1.56	1.90	1.81	1.99	1.90	1.81	1.90	1.90	1.77	1.69	1.77	1.69
36M Boom Pumpd.	1.19	1.08	1.01	1.16	0.23	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.73	39.48	37.73
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.45	5.68
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.04	1.09	1.04
	296.27	266.03	253.34	257.06	100.40	81.43	81.52	77.80	85.15	81.52	77.80	81.52	81.52	75.26	111.09	119.97	112.38
	13.47	12.09	11.52	11.68	4.56	3.70	3.71	3.54	3.87	3.71	3.54	3.71	3.71	3.42	5.05	5.45	5.11

LAX CUP	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Monthly PM2.5 Emissions (lbs)			2012											2013			
	May-12	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	-	-	-	-	2.87	4.39	3.81	3.62	3.82	3.47	3.64	3.82	11.30	9.83	10.82	10.82	6.39
Water Truck Inc Water	-	-	-	-	3.15	4.82	4.21	3.98	4.19	3.81	3.98	4.19	12.40	10.78	11.85	11.85	7.01
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	-	-	-	-	4.10	6.27	5.48	5.21	5.51	5.04	5.25	5.51	4.66	4.07	4.49	4.49	2.63
14 YD Semi End Dumps	-	-	-	-	2.02	3.10	2.69	2.55	2.74	2.49	2.62	2.74	2.32	2.02	2.22	2.22	1.31
Light Plants	-	-	-	-	4.16	6.43	5.58	5.29	5.69	5.16	5.43	5.69	9.63	8.40	9.28	9.28	5.43
30 KW Generator	-	-	-	-	2.82	4.36	3.79	3.59	3.86	3.50	3.68	3.86	6.53	5.70	6.29	6.29	3.68
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	-	-	-	-	-	-	-	-	-	-	-	-	23.27	20.26	22.32	22.32	13.14
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	0.54	0.49	0.49	0.54	1.46	2.09	1.83	1.74	1.77	1.62	1.69	1.77	4.00	3.48	3.84	3.84	2.26
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	0.26	0.39	0.33	0.33	0.30	0.30	0.30	0.30	3.31	2.89	3.19	3.19	1.86
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	0.05	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.12	0.11	0.12	0.12	0.07
Maint. Vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	2.40	2.08	2.27	2.27	1.36
Man Basketd.	41.33	37.73	37.73	41.33	7.20	-	-	-	-	-	-	-	59.24	51.54	56.73	56.73	33.47
Pickupsc.	5.45	5.97	5.45	5.45	5.97	6.05	7.62	6.65	6.30	7.35	6.68	6.98	7.35	12.45	10.80	11.85	11.85
Sissor Liftd.	1.13	1.04	1.04	1.13	0.20	-	-	-	-	-	-	-	1.63	1.42	1.56	1.56	0.92
	48.45	45.24	44.71	48.45	34.27	37.98	35.40	33.02	34.25	32.81	33.34	34.92	148.15	135.02	145.77	146.82	91.36
	2.20	2.06	2.03	2.20	1.56	1.73	1.61	1.50	1.56	1.49	1.52	1.59	6.73	6.14	6.63	6.67	4.15

LAX CUP	48	49	50	51	52	53	54	55	56	57	58	59	60	61
Monthly PM2.5 Emissions (lbs)			**Total**	**Total**			**2009**							**201**
	Oct-13	**Nov-13**	**PM2.5**	**PM2.5**	**Controls**		**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**
Equipment	**lbs/mo**	**lbs/mo**	**lbs**	**tons**	**PM Trap Compatible?**	**Percent Reduction**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	-	-	245.32	0.12	No	0.0%	1.49	5.67	4.81	4.58	5.26	6.96	9.87	8.03
Water Truck Inc Water	-	-	272.21	0.14	No	0.0%	1.63	6.28	5.39	5.16	5.93	7.78	11.04	9.01
CAT 428 Backhoe	-	-	-	-	Low	8.3%	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	-	-	326.00	0.16	High	74.7%	0.52	2.02	1.74	1.66	1.90	3.10	5.09	4.51
14 YD Semi End Dumps	-	-	143.63	0.07	No	0.0%	0.52	2.00	1.68	1.61	1.84	2.60	3.86	3.25
Light Plants	-	-	1,283.89	0.64	No	0.0%	8.35	32.04	27.56	26.26	30.26	44.20	67.65	57.71
30 KW Generator	-	-	759.28	0.38	No	0.0%	5.58	21.41	18.58	17.70	20.40	24.62	32.13	24.77
Truck / Trailer Low Boy	-	-	7.43	0.00	No	0.0%	0.09	0.26	0.25	0.21	0.25	0.25	0.25	0.12
Ready Mix Truck	-	-	279.01	0.14	No	0.0%	1.22	4.86	4.17	3.96	4.59	6.57	9.91	8.34
CAT330D Excavator	-	-	65.03	0.03	High	74.7%	-	-	-	-	-	0.40	1.06	1.11
100 T Grove Mobile Crane	-	-	10.18	0.01	No	0.0%	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	-	-	212.02	0.11	No	0.0%	-	-	-	-	-	1.76	4.61	4.84
JD 210LJ Skiploader	-	-	418.77	0.21	No	0.0%	-	-	-	-	-	13.60	35.74	37.41
Hydrolic Caissons Drill Rig	-	-	-	-	No	0.0%	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	34.88	0.02	No	0.0%	-	-	-	-	-	0.60	1.56	1.64
Cat 385C Excavator	-	-	4.44	0.00	No	0.0%	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	No	0.0%	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	1.74	0.00	Low	8.3%	-	-	-	-	-	0.02	0.05	0.06
Maint. Vehicle	-	-	184.88	0.09	No	0.0%	1.18	4.48	3.77	3.59	4.12	3.95	3.77	2.15
300 AMP Arc Welderc.	-	-	21.70	0.01	No	0.0%	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	23.74	0.01	No	0.0%	-	-	-	-	-	0.43	1.19	1.19
Man Basketd.	114.53	-	652.50	0.33	No	0.0%	-	-	-	-	-	-	-	-
Pickupsc.	7.05	24.00	172.39	0.09	No	0.0%	-	-	-	-	-	-	-	-
Sissor Liftd.	3.15	-	17.94	0.01	No	0.0%	-	-	-	-	-	-	-	-
	124.73	24.00	5,137	2.57		**lbs/month -->**	20.58	79.04	67.94	64.73	74.55	116.82	187.79	164.13
	5.67	1.09	233.50	0.12		**lbs/day -->**	0.94	3.59	3.09	2.94	3.39	5.31	8.54	7.46
						Peak Daily PM2.5		**12.32**	**lbs/day**					
							Assumes 22 working days per month							

LAX CUP	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
Monthly PM2.5 Emissions (lbs)	**0**											**2011**				
	Jul-10	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	5.03	5.29	5.03	6.59	8.54	12.30	10.99	10.46	10.41	4.10	3.58	3.60	3.44	3.79	3.60	3.44
Water Truck Inc Water	5.66	5.93	5.66	7.38	9.55	13.80	12.23	11.65	11.56	4.55	3.97	4.01	3.84	4.17	4.01	3.84
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	3.35	3.52	3.35	4.03	4.86	6.53	5.88	5.60	5.67	1.87	0.33	0.11	0.10	0.11	0.11	0.10
14 YD Semi End Dumps	2.18	2.28	2.18	2.93	3.90	17.76	15.72	14.98	16.38	12.47	2.46	0.18	0.18	0.20	0.18	0.18
Light Plants	39.99	41.93	39.99	51.87	66.90	91.32	82.15	78.20	77.50	28.02	25.80	26.71	25.49	27.92	26.71	25.49
30 KW Generator	13.48	14.13	13.48	23.17	36.43	52.38	46.80	44.60	40.69	16.29	19.38	20.41	19.52	21.37	20.41	19.52
Truck / Trailer Low Boy	-	-	-	0.17	0.41	0.79	0.65	0.65	0.53	0.30	0.23	0.19	0.19	0.19	0.19	0.19
Ready Mix Truck	5.74	5.94	5.74	5.74	5.42	15.64	14.04	13.37	15.39	9.72	4.23	3.17	2.98	3.27	3.17	2.98
CAT330D Excavator	1.06	1.11	1.06	1.33	1.69	2.03	1.80	1.71	1.66	0.42	0.05	-	-	-	-	-
100 T Grove Mobile Crane	-	-	-	0.04	0.07	0.07	0.05	0.05	0.07	0.05	0.71	0.87	0.82	0.90	0.87	0.82
Gradall 544D Hi Lift	4.61	4.84	4.61	4.91	5.06	5.31	4.81	4.57	5.28	1.39	8.89	10.72	10.24	11.22	10.72	10.24
JD 210LJ Skiploader	35.74	37.41	35.74	35.74	34.01	35.74	33.30	31.68	36.47	6.34	0.74	0.88	0.81	0.88	0.88	0.81
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	1.56	1.64	1.56	1.56	1.49	1.56	1.47	1.40	1.61	0.28	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	-	0.38	0.38	0.38	0.38	0.38	0.38
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.01	-	-	-	-	-	-
Maint. Vehicle	-	-	-	2.64	6.34	14.54	12.37	11.78	11.06	7.63	8.03	8.05	7.69	8.41	8.05	7.69
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-	-	1.56	1.90	1.81	1.99	1.90	1.81
36M Boom Pumpd.	1.19	1.19	1.19	1.19	1.11	1.19	1.08	1.01	1.16	0.23	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	119.65	125.26	119.65	149.34	185.83	271.03	243.39	231.77	235.47	93.66	80.33	81.19	77.51	84.82	81.19	77.51
	5.44	5.69	5.44	6.79	8.45	12.32	11.06	10.54	10.70	4.26	3.65	3.69	3.52	3.86	3.69	3.52

LAX CUP	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
Monthly PM2.5 Emissions (lbs)								**2012**									
	Nov-11	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**
Equipment	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**	**lbs/mo w/DPF**
Vacuum Sweeper	3.60	3.60	3.30	3.16	3.23	2.97	-	-	-	-	2.87	4.39	3.81	3.62	3.82	3.47	3.64
Water Truck Inc Water	4.01	4.01	3.64	3.49	3.57	3.26	-	-	-	-	3.15	4.82	4.21	3.98	4.19	3.81	3.98
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	0.11	0.11	0.11	0.09	0.11	0.09	-	-	-	-	1.04	1.59	1.39	1.32	1.40	1.28	1.33
14 YD Semi End Dumps	0.18	0.18	0.17	0.17	0.17	0.17	-	-	-	-	2.02	3.10	2.69	2.55	2.74	2.49	2.62
Light Plants	26.71	26.71	24.95	23.82	24.20	22.02	-	-	-	-	4.16	6.43	5.58	5.29	5.69	5.16	5.43
30 KW Generator	20.41	20.41	19.06	18.22	18.67	17.33	-	-	-	-	2.82	4.36	3.79	3.59	3.86	3.50	3.68
Truck / Trailer Low Boy	0.19	0.19	0.17	0.17	0.17	0.17	-	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	3.17	3.17	2.88	2.71	2.88	2.71	-	-	-	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	0.87	0.87	0.81	0.76	0.78	0.71	-	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	10.72	10.72	9.64	9.70	9.95	9.18	0.54	0.49	0.49	0.54	1.46	2.09	1.83	1.74	1.77	1.62	1.69
JD 210LJ Skiploader	0.88	0.88	0.81	0.75	0.81	0.75	-	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	-	-	0.26	0.39	0.33	0.33	0.30	0.30	0.30
Cat 385C Excavator	0.38	0.38	0.35	0.35	0.35	0.35	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	-	-	0.05	0.08	0.07	0.06	0.06	0.06	0.06
Maint. Vehicle	8.05	8.05	7.28	6.95	6.99	6.26	-	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	1.90	1.90	1.77	1.69	1.77	1.69	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	37.73	39.48	37.73	41.33	37.73	37.73	41.33	7.20	-	-	-	-	-	-
Pickupsc.	-	-	-	-	5.45	5.68	5.45	5.97	5.45	5.45	5.97	6.05	7.62	6.65	6.30	7.35	6.68
Sissor Liftd.	-	-	-	1.04	1.09	1.04	1.13	1.04	1.04	1.13	0.20	-	-	-	-	-	-
	81.19	81.19	74.95	110.81	119.66	112.11	48.45	45.24	44.71	48.45	31.20	33.29	31.30	29.13	30.13	29.05	29.41
	3.69	3.69	3.41	5.04	5.44	5.10	2.20	2.06	2.03	2.20	1.42	1.51	1.42	1.32	1.37	1.32	1.34

LAX CUP	95	96	97	98	99	100	101	102	103	104
Monthly PM2.5 Emissions (lbs)	2013								Total	Total
	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	PM2.5	PM2.5
Equipment	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs/mo w/DPF	lbs	tons
Vacuum Sweeper	3.82	11.30	9.83	10.82	10.82	6.39	-	-	245.32	0.12
Water Truck Inc Water	4.19	12.40	10.78	11.85	11.85	7.01	-	-	272.21	0.14
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	1.40	1.18	1.03	1.14	1.14	0.67	-	-	82.60	0.04
14 YD Semi End Dumps	2.74	2.32	2.02	2.22	2.22	1.31	-	-	143.63	0.07
Light Plants	5.69	9.63	8.40	9.28	9.28	5.43	-	-	1,283.89	0.64
30 KW Generator	3.86	6.53	5.70	6.29	6.29	3.68	-	-	759.28	0.38
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	7.43	0.00
Ready Mix Truck	-	23.27	20.26	22.32	22.32	13.14	-	-	279.01	0.14
CAT330D Excavator	-	-	-	-	-	-	-	-	16.48	0.01
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	10.18	0.01
Gradall 544D Hi Lift	1.77	4.00	3.48	3.84	3.84	2.26	-	-	212.02	0.11
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	418.77	0.21
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	0.30	3.31	2.89	3.19	3.19	1.86	-	-	34.88	0.02
Cat 385C Excavator	-	-	-	-	-	-	-	-	4.44	0.00
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	0.06	0.11	0.10	0.11	0.11	0.06	-	-	1.59	0.00
Maint. Vehicle	-	-	-	-	-	-	-	-	184.88	0.09
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	21.70	0.01
36M Boom Pumpd.	-	2.40	2.08	2.27	2.27	1.36	-	-	23.74	0.01
Man Basketd.	-	59.24	51.54	56.73	56.73	33.47	114.53	-	652.50	0.33
Pickupsc.	6.98	7.35	12.45	10.80	11.85	11.85	7.05	24.00	172.39	0.09
Sissor Liftd.	-	1.63	1.42	1.56	1.56	0.92	3.15	-	17.94	0.01
	30.80	144.66	131.98	142.41	143.46	89.40	124.73	24.00	4,845	2.42
	1.40	6.58	6.00	6.47	6.52	4.06	5.67	1.09	220.22	0.11

LAX CUP			1	2	3	4	5	6	7	8	9	10	11	12
Monthly CO2 Emissions (lbs)			**2009**		**2010**									
			Nov-09	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**
Equipment	**Fuel Type**	**HP**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	Diesel	83	2,465	9,359	8,554	8,151	9,359	12,377	17,560	14,289	8,956	9,409	8,956	11,723
Water Truck Inc Water	Diesel	230	4,173	16,080	14,607	13,993	16,080	21,113	29,951	24,427	15,344	16,080	15,344	20,008
CAT 428 Backhoe	Diesel	170	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	Diesel	200	3,603	14,012	12,811	12,210	14,012	22,819	37,531	33,228	24,721	25,922	24,721	29,725
14 YD Semi End Dumps	Diesel	174	1,083	4,195	3,834	3,654	4,195	5,909	8,796	7,397	4,962	5,187	4,962	6,676
Light Plants	Diesel	450	14,757	56,601	51,547	49,122	56,601	82,678	126,544	107,946	74,794	78,433	74,794	97,031
30 KW Generator	Diesel	268	10,740	41,196	37,518	35,752	41,196	49,729	64,883	50,023	27,219	28,543	27,219	46,787
Truck / Trailer Low Boy	Diesel	210	224	672	672	560	672	672	672	336	-	-	-	448
Ready Mix Truck	Diesel	530	3,111	12,446	11,314	10,748	12,446	17,820	26,871	22,628	15,557	16,123	15,557	15,557
CAT330D Excavator	Diesel	84	-	-	-	-	-	3,002	7,895	8,265	7,895	8,265	7,895	9,951
100 T Grove Mobile Crane	Diesel	85	-	-	-	-	-	-	-	-	-	-	-	55
Gradall 544D Hi Lift	Diesel	125	-	-	-	-	-	2,805	7,371	7,729	7,371	7,729	7,371	7,849
JD 210LJ Skiploader	Diesel	270	-	-	-	-	-	25,401	66,745	69,853	66,745	69,853	66,745	66,745
Hydrolic Caissons Drill Rig	Diesel	268	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	Diesel	350	-	-	-	-	-	901	2,366	2,478	2,366	2,478	2,366	2,366
Cat 385C Excavator	Diesel	400	-	-	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	Diesel	160	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	Diesel	15	-	-	-	-	-	38	94	104	94	104	94	94
Maint. Vehicle	Diesel	450	2,631	9,986	9,128	8,698	9,987	9,557	9,128	5,208	-	-	-	6,389
300 AMP Arc Welderc.	Diesel	40	-	-	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	Diesel	350	-	-	-	-	-	836	2,340	2,340	2,340	2,340	2,340	2,340
Man Basketd.	Diesel	600	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	Gas	450	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	Diesel	33	-	-	-	-	-	-	-	-	-	-	-	-
	lbs/month -->		42,788	164,546	149,985	142,889	164,547	255,658	408,748	356,254	258,364	270,466	258,364	323,744
	lbs/day -->		1,945	7,479	6,817	6,495	7,479	11,621	18,579	16,193	11,744	12,294	11,744	14,716
	Peak Daily CO2		**27,253**	**lbs/day**										
			Assumes 22 working days per month											

LAX CUP	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Monthly CO2 Emissions (lbs)								**2011**						
	Nov-10	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**	**May-11**	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**
Vacuum Sweeper	15,195	21,887	21,032	20,025	19,925	7,849	6,843	6,893	6,591	7,245	6,893	6,591	6,893	6,893
Water Truck Inc Water	25,900	37,438	35,965	34,247	34,001	13,380	11,661	11,784	11,293	12,275	11,784	11,293	11,784	11,784
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	35,830	48,140	46,539	44,337	44,837	14,812	2,602	901	801	901	901	801	901	901
14 YD Semi End Dumps	8,886	40,415	38,611	36,806	40,234	30,627	6,044	451	451	496	451	451	451	451
Light Plants	125,129	170,814	164,143	156,260	154,845	55,995	51,547	53,367	50,941	55,793	53,367	50,941	53,367	53,367
30 KW Generator	73,564	105,785	100,194	95,486	87,100	34,869	41,490	43,697	41,784	45,757	43,697	41,784	43,697	43,697
Truck / Trailer Low Boy	1,121	2,129	1,905	1,905	1,569	897	672	560	560	560	560	560	560	560
Ready Mix Truck	14,708	42,428	41,297	39,317	45,257	28,568	12,446	9,334	8,769	9,617	9,334	8,769	9,334	9,334
CAT330D Excavator	12,583	15,174	14,598	13,899	13,447	3,372	370	-	-	-	-	-	-	-
100 T Grove Mobile Crane	109	109	82	82	109	82	1,149	1,395	1,313	1,450	1,395	1,313	1,395	1,395
Gradall 544D Hi Lift	8,088	8,476	8,386	7,968	9,192	2,417	15,489	18,682	17,846	19,548	18,682	17,846	18,682	18,682
JD 210LJ Skiploader	63,503	66,745	66,745	63,503	73,096	12,701	1,486	1,756	1,621	1,756	1,756	1,621	1,756	1,756
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	2,253	2,366	2,366	2,253	2,591	451	-	-	-	-	-	-	-	-
Cat 385C Excavator	-	-	-	-	-	-	783	783	783	783	783	783	783	783
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	94	94	94	94	104	19	-	-	-	-	-	-	-	-
Maint. Vehicle	15,356	35,223	32,986	31,426	29,488	20,340	21,417	21,471	20,502	22,439	21,471	20,502	21,471	21,471
300 AMP Arc Welderc.	-	-	-	-	-	-	2,518	3,073	2,938	3,223	3,073	2,938	3,073	3,073
36M Boom Pumpd.	2,173	2,340	2,340	2,173	2,507	501	-	-	-	-	-	-	-	-
Man Basketd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickupsc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sissor Liftd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	404,492	599,563	577,283	549,780	558,301	226,880	176,518	174,148	166,194	181,843	174,148	166,194	174,148	174,148
	18,386	27,253	26,240	24,990	25,377	10,313	8,024	7,916	7,554	8,266	7,916	7,554	7,916	7,916

LAX CUP	27	28	29	30										
Monthly CO2 Emissions (lbs)	2012													
	Jan-12	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**
Equipment	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs/mo**	**lbs**	**tons**								
Vacuum Sweeper	6,893	6,591	6,742	6,189	-	-	-	-	5,987	9,157	7,950	7,547	8,755	7,950
Water Truck Inc Water	11,784	11,293	11,538	10,556	-	-	-	-	10,188	15,589	13,625	12,889	14,975	13,625
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	901	801	901	801	-	-	-	-	8,907	13,611	11,910	11,309	13,011	11,910
14 YD Semi End Dumps	451	451	451	451	-	-	-	-	5,368	8,209	7,127	6,766	7,848	7,127
Light Plants	53,367	50,941	51,750	47,100	-	-	-	-	8,894	13,746	11,927	11,320	13,140	11,927
30 KW Generator	43,697	41,784	42,814	39,724	-	-	-	-	6,474	10,005	8,681	8,239	9,563	8,681
Truck / Trailer Low Boy	560	560	560	560	-	-	-	-	-	-	-	-	-	-
Ready Mix Truck	9,334	8,769	9,334	8,769	-	-	-	-	-	-	-	-	-	-
CAT330D Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 T Grove Mobile Crane	1,395	1,313	1,341	1,231	-	-	-	-	-	-	-	-	-	-
Gradall 544D Hi Lift	18,682	18,801	19,279	17,787	1,045	955	955	1,045	2,835	4,059	3,551	3,372	3,880	3,551
JD 210LJ Skiploader	1,756	1,621	1,756	1,621	-	-	-	-	-	-	-	-	-	-
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	-	-	-	-	-	-	-	-	451	676	563	563	563	563
Cat 385C Excavator	783	783	783	783	-	-	-	-	-	-	-	-	-	-
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cat CP76 Compactor	-	-	-	-	-	-	-	-	104	160	141	132	151	141
Maint. Vehicle	21,447	20,480	20,587	18,437	-	-	-	-	-	-	-	-	-	-
300 AMP Arc Welderc.	3,073	2,938	3,073	2,938	-	-	-	-	-	-	-	-	-	-
36M Boom Pumpd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Man Basketd.	-	87,842	91,917	87,842	96,219	87,842	87,842	96,219	16,753	-	-	-	-	-
Pickupsc.	-	-	30,757	32,021	30,757	33,707	30,757	30,757	33,707	34,128	42,976	37,499	35,371	41,266
Sissor Liftd.	-	2,416	2,528	2,416	2,640	2,416	2,416	2,640	461	-	-	-	-	-
	174,124	257,385	296,112	279,227	130,660	124,919	121,970	130,660	100,129	109,340	108,451	99,637	107,257	106,741
	7,915	11,699	13,460	12,692	5,939	5,678	5,544	5,939	4,551	4,970	4,930	4,529	4,875	4,852

LAX CUP											
Monthly CO2 Emissions (lbs)	2013										Project
	Mar-13	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Project CO2**	**CO2**
Equipment										**lbs**	**tons**
Vacuum Sweeper	8,352	8,755	25,912	22,541	24,805	24,805	14,642	-	-	485,487	243
Water Truck Inc Water	14,239	14,975	44,312	38,543	42,348	42,348	25,041	-	-	829,656	415
CAT 428 Backhoe	-	-	-	-	-	-	-	-	-	-	-
CAT H964 Rubber Tire Loader	12,410	13,011	11,009	9,608	10,609	10,609	6,205	-	-	646,036	323
14 YD Semi End Dumps	7,488	7,848	6,631	5,774	6,360	6,360	3,744	-	-	354,127	177
Light Plants	12,533	13,140	22,236	19,406	21,428	21,428	12,533	-	-	2,517,537	1,259
30 KW Generator	9,122	9,563	16,184	14,124	15,596	15,596	9,122	-	-	1,612,371	806
Truck / Trailer Low Boy	-	-	-	-	-	-	-	-	-	21,294	11
Ready Mix Truck	-	-	83,159	72,411	79,765	79,765	46,954	-	-	866,951	433
CAT330D Excavator	-	-	-	-	-	-	-	-	-	126,613	63
100 T Grove Mobile Crane	-	-	-	-	-	-	-	-	-	16,716	8
Gradall 544D Hi Lift	3,701	3,880	8,774	7,640	8,416	8,416	4,954	-	-	383,789	192
JD 210LJ Skiploader	-	-	-	-	-	-	-	-	-	798,648	399
Hydrolic Caissons Drill Rig	-	-	-	-	-	-	-	-	-	-	-
50 Ton Grove Crane	563	563	6,196	5,407	5,971	5,971	3,492	-	-	59,144	30
Cat 385C Excavator	-	-	-	-	-	-	-	-	-	9,399	5
10 Yard Dump Trucks	-	-	-	-	-	-	-	-	-		
Cat CP76 Compactor	151	151	264	226	245	245	151	-	-		
Maint. Vehicle	-	-	-	-	-	-	-	-	-		
300 AMP Arc Welderc.	-	-	-	-	-	-	-	-	-		
36M Boom Pumpd.	-	-	6,184	5,348	5,850	5,850	3,510	-	-	53,650	27
Man Basketd.	-	-	149,875	130,404	143,535	143,535	84,672	289,788	-	1,594,285	797
Pickupsc.	37,477	39,161	41,266	69,900	60,636	66,531	66,531	39,582	134,747	969,536	485
Sissor Liftd.	-	-	4,122	3,586	3,947	3,947	2,328	7,969	-	43,830	22
	106,035	111,047	426,124	404,919	429,510	435,405	283,879	337,339	134,747	11,389,069	5,695
	4,820	5,048	19,369	18,405	19,523	19,791	12,904	15,334	6,125		

Health Risk Assessment

	Construction				Staging			Trucks	
	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Arch. Coat ($g/s/m^2$)	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Exhaust (g/s)	Road Dust (g/s)
PM10[1]									
Period	2.31E-06	3.57E-07	2.06E-06	NA	3.99E-07	6.16E-08	3.42E-07	0.0016	0.0004
1-Hour	9.13E-06	3.36E-06	1.59E-05	NA	1.57E-06	5.80E-07	4.30E-06	0.0022	0.0005
PM10[2]									
Period	2.45E-06	3.57E-07	4.87E-06	NA	4.23E-07	6.16E-08	9.22E-07	0.0016	0.0004
1-Hour	9.96E-06	3.36E-06	3.66E-05	NA	1.72E-06	5.80E-07	1.10E-05	0.0022	0.0005
VOC									
Period	6.88E-06	3.01E-07	NA	1.20E-07	1.19E-06	5.19E-08	NA	0.0048	NA
1-Hour	2.72E-05	2.77E-06	NA	1.82E-06	4.70E-06	4.77E-07	NA	0.0066	NA

[1] *Controlled PM10*

Criteria Pollutant Analysis

	Construction				Staging			Trucks	
	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Arch. Coat ($g/s/m^2$)	Diesel ($g/s/m^2$)	Gas ($g/s/m^2$)	Dust ($g/s/m^2$)	Exhaust (g/s)	Road Dust (g/s)
PM10[1]									
Annual	3.31E-06	5.06E-07	3.72E-06	NA	5.70E-07	8.73E-08	4.29E-07	0.0016	0.0004
24-hour	9.13E-06	3.36E-06	1.59E-05	NA	1.57E-06	5.80E-07	4.30E-06	0.0022	0.0005
PM2.5[1]									
24-hour	8.22E-06	7.28E-07	3.31E-06	NA	1.42E-06	1.25E-07	2.31E-03	0.0021	0.0001
PM10[2]									
Annual	3.63E-06	5.06E-07	8.73E-06	NA	6.25E-07	8.73E-08	1.16E-06	0.0016	0.0004
24-hour	1.72E-06	5.80E-07	3.66E-05	NA	1.72E-06	5.80E-07	1.10E-05	0.0022	0.0005
PM2.5[2]									
24-hour	8.98E-06	7.28E-07	7.65E-06	NA	1.55E-06	1.25E-07	2.31E-03	0.0021	0.0001
Nox									
1-hour	1.82E-04	2.64E-06	NA	NA	3.14E-05	4.55E-07	NA	0.0825	NA
Annual	6.64E-05	4.34E-07	NA	NA	1.14E-05	7.48E-08	NA	0.0597	NA
CO									
1-hour	8.92E-05	9.06E-06	NA	NA	1.54E-05	1.56E-06	NA	0.0275	NA
8-hour	8.92E-05	9.06E-06	NA	NA	1.54E-05	1.56E-06	NA	0.0275	NA

[1] *Controlled PM10, PM2.5*

[2] *Uncontrolled PM10, PM2.5*

Parameters for Chronic Emissior

4	quarters/year
365	days/year
10	hours/day
3600	sec/hr
453.6	g/lb
2000	lbs/ton

Parameters for Acute Emission Rate

10	working hours/day
3600	sec/hr
453.6	g/lb

LAX CUP Replacement Project

Construction Toxic Air Contaminant Emissions Inventory

		Peak Hourly Construction Emissions, lbs/hr					Annual Average Construction Emissions, lbs/year				
Toxic Air Contaminant (TAC)	**CAS**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Paving**	**Painting**	**TAC Totals**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Paving**	**Painting**	**TAC Totals**
acetaldehyde	75070	0.0018	-	-	-	**0.002**	0.1074	-	-	-	**0.107**
acrolein	107028	-	-	-	-	**-**	-	-	-	-	**-**
benzene	71432	0.0005	-	-	-	**0.000**	0.0292	-	-	-	**0.029**
butadiene, 1,3-	106990	0.0000	-	-	-	**0.000**	0.0028	-	-	-	**0.003**
ethylbenzene	100414	0.0001	-	-	0.000	**0.000**	0.0045	-	-	0.004	**0.009**
ethylene glycol	107211	-	-	-	0.000	**0.000**	-	-	-	0.001	**0.001**
formaldehyde	50000	0.0035	-	-	-	**0.004**	0.2149	-	-	-	**0.215**
hexane, n-	110543	0.0000	-	-	0.001	**0.001**	0.0023	-	-	0.013	**0.015**
isopropyl alcohol	67630	-	-	-	0.000	**0.000**	-	-	-	0.001	**0.001**
methyl alcohol	67561	0.0000	-	-	0.000	**0.000**	0.0004	-	-	0.001	**0.001**
methyl ethyl ketone	78933	0.0004	-	-	0.000	**0.000**	0.0216	-	-	0.001	**0.022**
methyl t-butyl ether	1634044	-	-	-	-	**-**	-	-	-	-	**-**
naphthalene	91203	0.0000	-	0.000	-	**0.000**	0.0012	-	0.000	-	**0.001**
phenol	108952	-	-	-	-	**-**	-	-	-	-	**-**
propylene	115071	0.0006	-	-	-	**0.001**	0.0379	-	-	-	**0.038**
styrene	100425	0.0000	-	-	-	**0.000**	0.0008	-	-	-	**0.001**
toluene	108883	0.0004	-	-	0.003	**0.003**	0.0215	-	-	0.039	**0.061**
xylene, m-	108383	0.0001	-	-	0.000	**0.000**	0.0089	-	-	0.000	**0.009**
xylene, o-	95476	0.0001	-	-	0.000	**0.000**	0.0049	-	-	0.000	**0.005**
xylene, p-	106423	0.0000	-	-	0.000	**0.000**	0.0014	-	-	0.000	**0.002**
AMMONIUM ION	14798039	0.0081	0.000	-	-	**0.008**	0.4921	0.018	-	-	**0.510**
ANTIMONY	7440360	0.0001	0.000	-	-	**0.000**	0.0053	0.002	-	-	**0.007**
ARSENIC	7440382	0.0000	0.000	-	-	**0.000**	0.0007	0.003	-	-	**0.004**
BROMINE	7726956	0.0000	0.000	-	-	**0.000**	0.0026	0.004	-	-	**0.007**
CADMIUM	7440439	0.0001	0.000	-	-	**0.000**	0.0058	0.005	-	-	**0.010**
CHLORINE	7782505	0.0008	0.009	-	-	**0.010**	0.0502	0.494	-	-	**0.544**
CHROMIUM VI	7440473	0.0000	0.001	-	-	**0.001**	0.0018	0.030	-	-	**0.032**
COPPER	7440508	0.0001	0.000	-	-	**0.000**	0.0037	0.016	-	-	**0.020**
LEAD	7439921	0.0001	0.002	-	-	**0.002**	0.0061	0.082	-	-	**0.088**
MANGANESE	7439965	0.0001	0.003	-	-	**0.003**	0.0058	0.134	-	-	**0.140**
MERCURY	7439976	0.0001	0.000	-	-	**0.000**	0.0044	0.002	-	-	**0.007**
NICKEL	7440020	0.0000	0.000	-	-	**0.000**	0.0028	0.009	-	-	**0.012**

		Peak Hourly Construction Emissions, lbs/hr					Annual Average Construction Emissions, lbs/year				
Toxic Air Contaminant (TAC)	**CAS**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Paving**	**Painting**	**TAC Totals**	**Diesel Vehicle Exhaust**	**Construction Dust**	**Paving**	**Painting**	**TAC Totals**
SELENIUM	7782492	0.0000	0.000	-	-	**0.000**	0.0015	0.000	-	-	**0.002**
SILICON	7440213	0.0060	0.535	-	-	**0.541**	0.3634	28.369	-	-	**28.733**
SULFATES	14808798	0.0418	0.013	-	-	**0.055**	2.5456	0.685	-	-	**3.231**
VANADIUM	7440622	0.0001	0.001	-	-	**0.001**	0.0042	0.038	-	-	**0.043**
ZINC	7440666	0.0011	0.001	-	-	**0.003**	0.0640	0.077	-	-	**0.141**
DIESEL PM		2.399	-	-	-	**2.399**	1,461	-	-	-	**1,461**

	Peak lbs/day		*Avg Annual lbs/yr*	
	PM10	**VOC**	**PM10**	**VOC**
Diesel Vehicle Exhaust	23.99	49.98	1,461	3,928
Construction Dust	21.91	-	1,163	-
Paving	-	0.01	-	0.70
Painting	-	29.89	-	424.41

LAX CUP																		
Fugitive Dust																		
SCHEDULE																		
Construction Phase [a.]	Total Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
TPAR	148																	
DWP Equip Installation & Start Up and Commi...	86																	
~~Excavation for Utilidor **~~	123						4	22	22	22	22	22	9					
Demo Electrical Building & Equipment	107												12	22	22	22	22	7
CUP Building Shoring / Foundations Basement	111														20	22	22	22
CUP Equipment & Installation	371																	
CUP Building Structure / Enclosure	257																	
Install & Energize Mechanical Equipment	156																	
Decommission & Demo Exist CUP\Cooling To...	162											16	22	22	22	22	22	22
Build Maintenance Building	100																	
Build New Thermo Energy Storage Tank	100																	
Full Plant Start-up & Commission New CUP	21																	
Total Days	**2,322**	**-**	**-**	**-**	**-**	**-**	**4.0**	**22.0**	**22.0**	**22.0**	**22.0**	**38.0**	**42.5**	**44.0**	**64.0**	**66.0**	**66.0**	**51.0**
*** Replace with "Direct Buried Pipe & Elect Ductbanks*																		
Peak Daily PM10 Emissions (lbs/day)																		
UNMITIGATED																		
Construction Phase [a.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
TPAR	148																	
DWP Equip Installation & Start Up and Commi...	86																	
~~Excavation for Utilidor **~~	122.5						15.92	15.92	15.92	15.92	15.92	15.92	15.92					
Demo Electrical Building & Equipment	107												0.75	0.75	0.75	0.75	0.75	0.75
CUP Building Shoring / Foundations Basement	111														45.93	45.93	45.93	45.93
CUP Equipment & Installation	371																	
CUP Building Structure / Enclosure	257																	
Install & Energize Mechanical Equipment	156																	
Decommission & Demo Exist CUP\Cooling To...	162											2.74	2.74	2.74	2.74	2.74	2.74	2.74
Build Maintenance Building	100																	
Build New Thermo Energy Storage Tank	100																	
Full Plant Start-up & Commission New CUP	21																	
Constr Dust Subtotal, lb/day		-	-	-	-	-	15.92	15.92	15.92	15.92	15.92	18.66	19.40	3.49	49.41	49.41	49.41	49.41
Storage Piles [d.]		1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day		**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**17.3**	**17.3**	**17.3**	**17.3**	**17.3**	**20.1**	**20.8**	**4.9**	**50.8**	**50.8**	**50.8**	**50.8**
Max PM10 On-Site Constr Dust, lb/day	**50.81**																	
a. Construction site demolition and excavation fugitive dust emissions calculated for all phases from URBEMIS 2007 v.9.2.4.																		
d. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA Handbook, Table A9-9-E.																		
Peak Daily PM2.5 Emissions (lbs/day)																		
UNMITIGATED																		
Construction Phase [a.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
TPAR	148																	
DWP Equip Installation & Start Up and Commi...	86																	
~~Excavation for Utilidor **~~	122.5						3.32	3.32	3.32	3.32	3.32	3.32	3.32					
Demo Electrical Building & Equipment	107												0.16	0.16	0.16	0.16	0.16	0.16
CUP Building Shoring / Foundations Basement	111														9.59	9.59	9.59	9.59
CUP Equipment & Installation	371																	
CUP Building Structure / Enclosure	257																	
Install & Energize Mechanical Equipment	156																	
Decommission & Demo Exist CUP\Cooling To...	162											0.57	0.57	0.57	0.57	0.57	0.57	0.57
Build Maintenance Building	100																	
Build New Thermo Energy Storage Tank	100																	
Full Plant Start-up & Commission New CUP	21																	
Constr Dust Subtotal, lb/day		-	-	-	-	-	3.32	3.32	3.32	3.32	3.32	3.89	4.05	0.73	10.32	10.32	10.32	10.32
Storage Piles [d.]		0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day		**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**3.61**	**3.61**	**3.61**	**3.61**	**3.61**	**4.18**	**4.34**	**1.02**	**10.61**	**10.61**	**10.61**	**10.61**
Max PM2.5 On-Site Constr Dust, lb/day	**10.61**																	
a. Construction site demolition and excavation fugitive dust emissions calculated from URBEMIS 2007 v.9.2.4.																		
d. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and and SCAQMD CEQA Handbook, Table A9-9-E; PM2.5/PM10 size ratio from CEIDARS PM Profile size fractions for construction d																		

LAX CUP											
Fugitive Dust											
SCHEDULE											
Construction Phase [a.]	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
TPAR											
DWP Equip Installation & Start Up and Commi...											
~~Excavation for Utilidor **~~											
Demo Electrical Building & Equipment											
CUP Building Shoring / Foundations Basement	22	3									
CUP Equipment & Installation											
CUP Building Structure / Enclosure		16	22	22	22	22	22	22	22	22	22
Install & Energize Mechanical Equipment											
Decommission & Demo Exist CUP\Cooling To...	14										
Build Maintenance Building											
Build New Thermo Energy Storage Tank											
Full Plant Start-up & Commission New CUP											
Total Days	**36.0**	**19.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**	**22.0**
*** Replace with "Direct Buried Pipe & Elect Ductb*											
Peak Daily PM10 Emissions (lbs/day)											
UNMITIGATED											
Construction Phase [a.]	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
TPAR											
DWP Equip Installation & Start Up and Commi...											
~~Excavation for Utilidor **~~											
Demo Electrical Building & Equipment											
CUP Building Shoring / Foundations Basement	45.93	45.93									
CUP Equipment & Installation											
CUP Building Structure / Enclosure											
Install & Energize Mechanical Equipment											
Decommission & Demo Exist CUP\Cooling To...	2.74										
Build Maintenance Building											
Build New Thermo Energy Storage Tank											
Full Plant Start-up & Commission New CUP											
Constr Dust Subtotal, lb/day	48.67	45.93	-	-	-	-	-	-	-	-	-
Storage Piles [d.]	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day	**50.1**	**47.3**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**
Max PM10 On-Site Constr Dust, lb/day											
a. Construction site demolition and excavation fugitive dust											
d. EPA's Fugitive Dust Background Document and Technica											
Peak Daily PM2.5 Emissions (lbs/day)											
UNMITIGATED											
Construction Phase [a.]	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
TPAR											
DWP Equip Installation & Start Up and Commi...											
~~Excavation for Utilidor **~~											
Demo Electrical Building & Equipment											
CUP Building Shoring / Foundations Basement	9.59	9.59									
CUP Equipment & Installation											
CUP Building Structure / Enclosure											
Install & Energize Mechanical Equipment											
Decommission & Demo Exist CUP\Cooling To...	0.57										
Build Maintenance Building											
Build New Thermo Energy Storage Tank											
Full Plant Start-up & Commission New CUP											
Constr Dust Subtotal, lb/day	10.16	9.59	-	-	-	-	-	-	-	-	-
Storage Piles [d.]	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day	**10.45**	**9.88**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**
Max PM2.5 On-Site Constr Dust, lb/day											
a. Construction site demolition and excavation fugitive dust											
d. EPA's Fugitive Dust Background Document and Technicast.Operational Emission Calculation Methodologies, Equation F-4 and Table F-4;											

LAX CUP																					
Fugitive Dust																					
SCHEDULE																					
Construction Phase [a.]	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																					
DWP Equip Installation & Start Up and Commi...																					
~~Excavation for Utilidor **~~																					
Demo Electrical Building & Equipment																					
CUP Building Shoring / Foundations Basement																					
CUP Equipment & Installation																					
CUP Building Structure / Enclosure	22	21																			
Install & Energize Mechanical Equipment																					
Decommission & Demo Exist CUP\Cooling To...																					
Build Maintenance Building																					
Build New Thermo Energy Storage Tank															22	22	22	22	12		
Full Plant Start-up & Commission New CUP																					
Total Days	**22.0**	**21.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22.0**	**22.0**	**22.0**	**22.0**	**12.0**	**-**	**-**
*** Replace with "Direct Buried Pipe & Elect Ductb*																					
Peak Daily PM10 Emissions (lbs/day)																					
UNMITIGATED																					
Construction Phase [a.]	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																					
DWP Equip Installation & Start Up and Commi...																					
~~Excavation for Utilidor **~~																					
Demo Electrical Building & Equipment																					
CUP Building Shoring / Foundations Basement																					
CUP Equipment & Installation																					
CUP Building Structure / Enclosure																					
Install & Energize Mechanical Equipment																					
Decommission & Demo Exist CUP\Cooling To...																					
Build Maintenance Building																					
Build New Thermo Energy Storage Tank															23.559	23.559	23.559	23.5592	23.5592		
Full Plant Start-up & Commission New CUP																					
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.56	23.56	23.56	23.56	23.56	-	-
Storage Piles [d.]	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
PM10 On-Site Constr Dust, lb/day	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**25.0**	**25.0**	**25.0**	**25.0**	**25.0**	**1.4**	**1.4**
Max PM10 On-Site Constr Dust, lb/day																					
a. Construction site demolition and excavation fugitive dust e																					
d. EPA's Fugitive Dust Background Document and Technica																					
Peak Daily PM2.5 Emissions (lbs/day)																					
UNMITIGATED																					
Construction Phase [a.]	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																					
DWP Equip Installation & Start Up and Commi...																					
~~Excavation for Utilidor **~~																					
Demo Electrical Building & Equipment																					
CUP Building Shoring / Foundations Basement																					
CUP Equipment & Installation																					
CUP Building Structure / Enclosure																					
Install & Energize Mechanical Equipment																					
Decommission & Demo Exist CUP\Cooling To...																					
Build Maintenance Building																					
Build New Thermo Energy Storage Tank															4.9201	4.9201	4.9201	4.9201	4.9201		
Full Plant Start-up & Commission New CUP																					
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.92	4.92	4.92	4.92	4.92	-	-
Storage Piles [d.]	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
PM2.5 On-Site Constr Dust, lb/day	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**0.29**	**5.21**	**5.21**	**5.21**	**5.21**	**5.21**	**0.29**	**0.29**
Max PM2.5 On-Site Constr Dust, lb/day																					
a. Construction site demolition and excavation fugitive dust e																					
d. EPA's Fugitive Dust Background Document and Technica																					

Peak Daily PM10 Emissions (lbs/day)																		
MITIGATED [a.]																		
Construction Phase [b.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
TPAR	148																	
DWP Equip Installation & Start Up and Commi...	86																	
~~Excavation for Utilidor **~~	122.5						6.21	6.21	6.21	6.21	6.21	6.21	6.21					
Demo Electrical Building & Equipment	107												0.75	0.75	0.75	0.75	0.75	0.75
CUP Building Shoring / Foundations Basement	111														17.91	17.91	17.91	17.91
CUP Equipment & Installation	371																	
CUP Building Structure / Enclosure	257																	
Install & Energize Mechanical Equipment	156																	
Decommission & Demo Exist CUP\Cooling To...	162											2.74	2.74	2.74	2.74	2.74	2.74	2.74
Build Maintenance Building	100																	
Build New Thermo Energy Storage Tank	100																	
Full Plant Start-up & Commission New CUP	21																	
Constr Dust Subtotal, lb/day		-	-	-	-	-	6.21	6.21	6.21	6.21	6.21	8.95	9.69	3.49	21.40	21.40	21.40	21.40
Storage Piles [e.]		0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day		**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**6.72**	**6.72**	**6.72**	**6.72**	**6.72**	**9.46**	**10.21**	**4.00**	**21.91**	**21.91**	**21.91**	**21.91**
Max PM10 On-Site Constr Dust, lb/day	**21.91**																	
a. Controls assumed to be part of the project design to comply with SCAQMD Rules 1157 and 403; Fugitive mitigation assumes 61% reduction (watering 3 times per day) for construction activity.																		
b. Construction site demolition and excavation fugitive dust emissions calculated for Phases 1A - 9A from URBEMIS 2007 v.9.2.4.																		
e. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA Handbook, Table A9-9-E.																		
Peak Daily PM2.5 Emissions (lbs/day)																		
MITIGATED [a.]																		
Construction Phase [b.]	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
TPAR	148																	
DWP Equip Installation & Start Up and Commi...	86																	
~~Excavation for Utilidor **~~	122.5						1.30	1.30	1.30	1.30	1.30	1.30	1.30					
Demo Electrical Building & Equipment	107												0.16	0.16	0.16	0.16	0.16	0.16
CUP Building Shoring / Foundations Basement	111														3.74	3.74	3.74	3.74
CUP Equipment & Installation	371																	
CUP Building Structure / Enclosure	257																	
Install & Energize Mechanical Equipment	156																	
Decommission & Demo Exist CUP\Cooling To...	162											0.57	0.57	0.57	0.57	0.57	0.57	0.57
Build Maintenance Building	100																	
Build New Thermo Energy Storage Tank	100																	
Full Plant Start-up & Commission New CUP	21																	
Constr Dust Subtotal, lb/day		-	-	-	-	-	1.30	1.30	1.30	1.30	1.30	1.87	2.02	0.73	4.47	4.47	4.47	4.47
Storage Piles [e.]		0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day		**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**1.40**	**1.40**	**1.40**	**1.40**	**1.40**	**1.97**	**2.13**	**0.83**	**4.57**	**4.57**	**4.57**	**4.57**
Max PM2.5 On-Site Constr Dust, lb/day	**4.57**																	
a. Controls assumed to be part of the project design to comply with SCAQMD Rules 1157 and 403; Fugitive mitigation assumes 61% reduction (watering 3 times per day) for construction activity.																		
b. Construction site demolition and excavation fugitive dust emissions calculated for Phases 1A - 9A from URBEMIS 2007 v.9.2.4.																		
e. EPA's Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures (September 1992) Appendix F, Construction and Operational Emission Calculation Methodologies, Equation F-4 and Table F-4; and SCAQMD CEQA Handbook, Table A9-9-E; PM																		
Monthly PM10 Emissions (tons/mo.) [a.]		22	days/month															
UNMITIGATED																		
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
Constr Dust		-	-	-	-	-	0.032	0.175	0.175	0.175	0.175	0.197	0.102	0.038	0.498	0.544	0.544	0.538
Storage Piles		0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.		**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.047**	**0.190**	**0.190**	**0.190**	**0.190**	**0.212**	**0.118**	**0.054**	**0.513**	**0.559**	**0.559**	**0.553**
a. Assumes 26 working days per month.																		
Monthly PM2.5 Emissions (tons/mo.) [a.]																		
UNMITIGATED																		
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
Constr Dust		-	-	-	-	-	0.007	0.037	0.037	0.037	0.037	0.041	0.021	0.008	0.104	0.113	0.113	0.112
Storage Piles		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.		**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.010**	**0.040**	**0.040**	**0.040**	**0.040**	**0.044**	**0.025**	**0.011**	**0.107**	**0.117**	**0.117**	**0.116**
a. Assumes 22 working days per month.																		

Peak Daily PM10 Emissions (lbs/day)											
MITIGATED [a.]											
Construction Phase [b.]	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
TPAR											
DWP Equip Installation & Start Up and Commi...											
~~Excavation for Utilidor **~~											
Demo Electrical Building & Equipment											
CUP Building Shoring / Foundations Basement	17.91	17.91									
CUP Equipment & Installation											
CUP Building Structure / Enclosure											
Install & Energize Mechanical Equipment											
Decommission & Demo Exist CUP\Cooling To...	2.74										
Build Maintenance Building											
Build New Thermo Energy Storage Tank											
Full Plant Start-up & Commission New CUP											
Constr Dust Subtotal, lb/day	20.65	17.91	-	-	-	-	-	-	-	-	-
Storage Piles [e.]	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day	**21.17**	**18.43**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**
Max PM10 On-Site Constr Dust, lb/day											
a. Controls assumed to be part of the project design to comp											
b. Construction site demolition and excavation fugitive dust											
e. EPA's Fugitive Dust Background Document and Technica											
Peak Daily PM2.5 Emissions (lbs/day)											
MITIGATED [a.]											
Construction Phase [b.]	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
TPAR											
DWP Equip Installation & Start Up and Commi...											
~~Excavation for Utilidor **~~											
Demo Electrical Building & Equipment											
CUP Building Shoring / Foundations Basement	3.74	3.74									
CUP Equipment & Installation											
CUP Building Structure / Enclosure											
Install & Energize Mechanical Equipment											
Decommission & Demo Exist CUP\Cooling To...	0.57										
Build Maintenance Building											
Build New Thermo Energy Storage Tank											
Full Plant Start-up & Commission New CUP											
Constr Dust Subtotal, lb/day	4.31	3.74	-	-	-	-	-	-	-	-	-
Storage Piles [e.]	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day	**4.42**	**3.85**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**
Max PM2.5 On-Site Constr Dust, lb/day											
a. Controls assumed to be part of the project design to comp											
b. Construction site demolition and excavation fugitive dust											
e. EPA's Fugitive Dust Background Document and Technica	2.5/PM10 size ratio from CEIDARS PM Profile size fractions for construction dust.										
Monthly PM10 Emissions (tons/mo.) [a.]											
UNMITIGATED											
Construction Phase	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Constr Dust	0.524	0.069	-	-	-	-	-	-	-	-	-
Storage Piles	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.	**0.540**	**0.084**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**
a. Assumes 26 working days per month.											
Monthly PM2.5 Emissions (tons/mo.) [a.]											
UNMITIGATED											
Construction Phase	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Constr Dust	0.109	0.014	-	-	-	-	-	-	-	-	-
Storage Piles	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.	**0.113**	**0.018**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**
a. Assumes 22 working days per month.											

Peak Daily PM10 Emissions (lbs/day)																					
MITIGATED [a.]																					
Construction Phase [b.]	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																					
DWP Equip Installation & Start Up and Commi...																					
~~Excavation for Utilidor **~~																					
Demo Electrical Building & Equipment																					
CUP Building Shoring / Foundations Basement																					
CUP Equipment & Installation																					
CUP Building Structure / Enclosure																					
Install & Energize Mechanical Equipment																					
Decommission & Demo Exist CUP\Cooling To...																					
Build Maintenance Building																					
Build New Thermo Energy Storage Tank															9.1881	9.1881	9.1881	9.18809	9.18809		
Full Plant Start-up & Commission New CUP																					
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.19	9.19	9.19	9.19	9.19	-	-
Storage Piles [e.]	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
PM10 On-Site Constr Dust, lb/day	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**0.52**	**9.70**	**9.70**	**9.70**	**9.70**	**9.70**	**0.52**	**0.52**
Max PM10 On-Site Constr Dust, lb/day																					
a. Controls assumed to be part of the project design to comp																					
b. Construction site demolition and excavation fugitive dust																					
e. EPA's Fugitive Dust Background Document and Technica																					
Peak Daily PM2.5 Emissions (lbs/day)																					
MITIGATED [a.]																					
Construction Phase [b.]	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR																					
DWP Equip Installation & Start Up and Commi...																					
~~Excavation for Utilidor **~~																					
Demo Electrical Building & Equipment																					
CUP Building Shoring / Foundations Basement																					
CUP Equipment & Installation																					
CUP Building Structure / Enclosure																					
Install & Energize Mechanical Equipment																					
Decommission & Demo Exist CUP\Cooling To...																					
Build Maintenance Building																					
Build New Thermo Energy Storage Tank															1.9188	1.9188	1.9188	1.91884	1.91884		
Full Plant Start-up & Commission New CUP																					
Constr Dust Subtotal, lb/day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.92	1.92	1.92	1.92	1.92	-	-
Storage Piles [e.]	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
PM2.5 On-Site Constr Dust, lb/day	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**0.11**	**2.03**	**2.03**	**2.03**	**2.03**	**2.03**	**0.11**	**0.11**
Max PM2.5 On-Site Constr Dust, lb/day																					
a. Controls assumed to be part of the project design to comp																					
b. Construction site demolition and excavation fugitive dust																					
e. EPA's Fugitive Dust Background Document and Technica																					
Monthly PM10 Emissions (tons/mo.) [a.]																					
UNMITIGATED																					
Construction Phase	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.259	0.259	0.259	0.259	0.141	-	-
Storage Piles	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
PM10 On-Site Dust, ton/mo.	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.015**	**0.274**	**0.274**	**0.274**	**0.274**	**0.157**	**0.015**	**0.015**
a. Assumes 26 working days per month.																					
Monthly PM2.5 Emissions (tons/mo.) [a.]																					
UNMITIGATED																					
Construction Phase	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.054	0.054	0.054	0.054	0.030	-	-
Storage Piles	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
PM2.5 On-Site Dust, ton/mo.	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.057**	**0.057**	**0.057**	**0.057**	**0.033**	**0.003**	**0.003**
a. Assumes 22 working days per month.																					

Monthly PM10 Emissions (tons/mo.) [a.]																	
MITIGATED																	
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
Constr Dust		-	-	-	-	-	0.012	0.068	0.068	0.068	0.068	0.090	0.061	0.038	0.217	0.235	0.235	0.230
Storage Piles		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.		**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.018**	**0.074**	**0.074**	**0.074**	**0.074**	**0.096**	**0.067**	**0.044**	**0.223**	**0.241**	**0.241**	**0.235**
a. Assumes 22 working days per month.																		
Monthly PM2.5 Emissions (tons/mo.) [a.]																		
MITIGATED																		
Construction Phase		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11
Constr Dust		-	-	-	-	-	0.003	0.014	0.014	0.014	0.014	0.019	0.013	0.008	0.045	0.049	0.049	0.048
Storage Piles		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.004**	**0.015**	**0.015**	**0.015**	**0.015**	**0.020**	**0.014**	**0.009**	**0.047**	**0.050**	**0.050**	**0.049**
a. Assumes 22 working days per month.																		
Quarterly PM10 Emissions (tons/quarter)																		
UNMITIGATED		2009	2010				2011				2012				2013			
Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17
Constr Dust		-	-	0.382	0.547	0.638	1.625	0.593	-	-	-	-	-	-	-	0.518	0.660	-
Storage Piles		0.031	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.031
PM10 On-Site Dust, tons/qrtr		**0.031**	**0.046**	**0.428**	**0.593**	**0.684**	**1.671**	**0.639**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.046**	**0.564**	**0.706**	**0.031**
Quarterly PM2.5 Emissions (tons/quarter)																		
UNMITIGATED		2009	2010				2011				2012				2013			
Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17
Constr Dust		-	-	0.080	0.114	0.133	0.339	0.124	-	-	-	-	-	-	-	0.108	0.138	-
Storage Piles		0.006	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.006
PM2.5 On-Site Dust, tons/qrtr		**0.006**	**0.010**	**0.089**	**0.124**	**0.143**	**0.349**	**0.133**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.118**	**0.147**	**0.006**
Annual PM10 Emissions (tons/year)								**Annual PM2.5 Emissions (tons/year)**										
UNMITIGATED								***UNMITIGATED***										
Construction Phase		2009	2010	2011	2012	2013		Construction Phase			2009	2010	2011	2012	2013			
Constr Dust		-	1.57	2.22	-	1.18		Constr Dust			-	0.33	0.46	-	0.25			
Storage Piles		0.03	0.18	0.18	0.18	0.17		Storage Piles			0.01	0.04	0.04	0.04	0.04			
PM10 On-Site Dust, tons/yr		**0.03**	**1.75**	**2.40**	**0.18**	**1.35**		**PM2.5 On-Site Dust, tons/yr**			**0.006**	**0.366**	**0.501**	**0.038**	**0.281**			
a. Annual construction dust emissions calculated with URBEMIS 2007 v.9.2.4.																		

Monthly PM10 Emissions (tons/mo.) [a.]											
MITIGATED											
Construction Phase	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Constr Dust	0.216	0.027	-	-	-	-	-	-	-	-	-
Storage Piles	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.	**0.222**	**0.033**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**
a. Assumes 22 working days per month.											
Monthly PM2.5 Emissions (tons/mo.) [a.]											
MITIGATED											
Construction Phase	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Constr Dust	0.045	0.006	-	-	-	-	-	-	-	-	-
Storage Piles	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.	**0.046**	**0.007**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**
a. Assumes 22 working days per month.											
Quarterly PM10 Emissions (tons/quarter)		**Quarterly PM10 Emissions (tons/quarter)**									
UNMITIGATED		***MITIGATED***		2009	2010				2011		
Construction Phase		Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
Constr Dust		Constr Dust		-	-	0.149	0.227	0.317	0.701	0.243	-
Storage Piles		Storage Piles		0.011	0.017	0.017	0.017	0.017	0.017	0.017	0.017
PM10 On-Site Dust, tons/qrtr		**PM10 On-Site Dust, t**		**0.011**	**0.017**	**0.166**	**0.244**	**0.334**	**0.718**	**0.260**	**0.017**
Quarterly PM2.5 Emissions (tons/quarter)		**Quarterly PM2.5 Emissions (tons/quarter)**									
UNMITIGATED		***MITIGATED***		2009	2010				2011		
Construction Phase		Construction Phase		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
Constr Dust		Constr Dust		-	-	0.031	0.047	0.066	0.146	0.051	-
Storage Piles		Storage Piles		0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004
PM2.5 On-Site Dust, tons/qrtr		**PM2.5 On-Site Dust, t**		**0.002**	**0.004**	**0.035**	**0.051**	**0.070**	**0.150**	**0.054**	**0.004**
Annual PM10 Emissions (tons/year)		**Annual PM10 Emissions (tons/year)**									
UNMITIGATED		***MITIGATED***									
Construction Phase		Construction Phase			2009	2010	2011	2012	2013		
Constr Dust		Constr Dust [a.]			-	0.69	0.94	-	0.46		
Storage Piles		Storage Piles			0.01	0.07	0.07	0.07	0.06		
PM10 On-Site Dust, tons/yr		**PM10 On-Site Dust, tons/yr**			**0.011**	**0.761**	**1.012**	**0.068**	**0.522**		
a. Annual construction dust emissions calculated											

Monthly PM10 Emissions (tons/mo.) [a.]																					
MITIGATED																					
Construction Phase	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.101	0.101	0.101	0.101	0.055	-	-
Storage Piles	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
PM10 On-Site Dust, ton/mo.	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.006**	**0.107**	**0.107**	**0.107**	**0.107**	**0.061**	**0.006**	**0.006**
a. Assumes 22 working days per month.																					
Monthly PM2.5 Emissions (tons/mo.) [a.]																					
MITIGATED																					
Construction Phase	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
Constr Dust	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.021	0.021	0.021	0.021	0.012	-	-
Storage Piles	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PM2.5 On-Site Dust, ton/mo.	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.022**	**0.022**	**0.022**	**0.022**	**0.013**	**0.001**	**0.001**
a. Assumes 22 working days per month.																					
Quarterly PM10 Emissions (tons/quarter)																					
UNMITIGATED		2012				2013															
Construction Phase	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17												
Constr Dust	-	-	-	-	-	-	0.202	0.257	-												
Storage Piles	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.011												
PM10 On-Site Dust, tons/qrtr	**0.017**	**0.017**	**0.017**	**0.017**	**0.017**	**0.017**	**0.219**	**0.274**	**0.011**												
Quarterly PM2.5 Emissions (tons/quarter)																					
UNMITIGATED		2012				2013															
Construction Phase	Qtr 9	Qtr 10	Qtr 11	Qtr 12	Qtr 13	Qtr 14	Qtr 15	Qtr 16	Qtr 17												
Constr Dust	-	-	-	-	-	-	0.042	0.054	-												
Storage Piles	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.002												
PM2.5 On-Site Dust, tons/qrtr	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.046**	**0.057**	**0.002**												
Annual PM10 Emissions (tons/year)	**Annual PM2.5 Emissions (tons/year)**																				
UNMITIGATED	***MITIGATED***																				
Construction Phase	Construction Phase				2009	2010	2011	2012	2013												
Constr Dust	Constr Dust				-	0.14	0.20	-	0.10												
Storage Piles	Storage Piles				0.00	0.01	0.01	0.01	0.01												
PM10 On-Site Dust, tons/yr	**PM2.5 On-Site Dust, tons/yr**				**0.002**	**0.159**	**0.211**	**0.014**	**0.109**												
a. Annual construction dust emissions calculated																					

LAX CUP																			
Painting Schedule																			
Peak Painting VOC Emissions (lbs/day) a.																			
UNMITIGATED																			
Phase & Paint Start Date	Days	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
TPAR	148																		
DWP Equip Installation & Start Up and Commi...	86																		
Utility Relocations	121																		
Shoring	98																		
Excavation for Utilidor **	122.5																		
Construct Utilidor	200																		
Install Pipe Racks, Distrib Piping & Cable Tray	161																		
Demo Electrical Building & Equipment	107																		
CUP Building Shoring / Foundations Basement	111																		
CUP Equipment & Installation	371																		
CUP Building Structure / Enclosure[1]	43																		
Install & Energize Mechanical Equipment	156																		
Decommission & Demo Exist CUP\Cooling To...	162																		
Build Maintenance Building[2]	17																		
Build New Thermo Energy Storage Tank	100																		
Full Plant Start-up & Commission New CUP	21																		
On-Site Painting VOC, lb/day		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Max On-Site Painting VOC, lb/day	29.89																		
b. Building painting calculated from URBEMIS 2007 v.9.2.4																			
	[1]Assume two months of painting at the end of building construction (~1/6 of project construction)																		
	[2]Assume ~1/6 of construction is painting																		

LAX CUP																			
Painting Schedule																			
Peak Painting VOC Emissions (lbs/day) a.																			
UNMITIGATED																			
Phase & Paint Start Date	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
TPAR																			
DWP Equip Installation & Start Up and Commi...																			
Utility Relocations																			
Shoring																			
Excavation for Utilidor **																			
Construct Utilidor																			
Install Pipe Racks, Distrib Piping & Cable Tray																			
Demo Electrical Building & Equipment																			
CUP Building Shoring / Foundations Basement																			
CUP Equipment & Installation																			
CUP Building Structure / Enclosure[1]											29.89	29.89							
Install & Energize Mechanical Equipment																			
Decommission & Demo Exist CUP\Cooling To...																			
Build Maintenance Building[2]																			
Build New Thermo Energy Storage Tank																			
Full Plant Start-up & Commission New CUP																			
On-Site Painting VOC, lb/day	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**29.89**	**29.89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Max On-Site Painting VOC, lb/day																			
b. Building painting calculated from URBEMIS 2007 v.9.2.4																			

LAX CUP												
Painting Schedule												
Peak Painting VOC Emissions (lbs/day) a.												
UNMITIGATED												
Phase & Paint Start Date	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13
TPAR												
DWP Equip Installation & Start Up and Commi...												
Utility Relocations												
Shoring												
Excavation for Utilidor **												
Construct Utilidor												
Install Pipe Racks, Distrib Piping & Cable Tray												
Demo Electrical Building & Equipment												
CUP Building Shoring / Foundations Basement												
CUP Equipment & Installation												
CUP Building Structure / Enclosure[1]												
Install & Energize Mechanical Equipment												
Decommission & Demo Exist CUP\Cooling To...												
Build Maintenance Building[2]									26.34	26.34		
Build New Thermo Energy Storage Tank												
Full Plant Start-up & Commission New CUP												
On-Site Painting VOC, lb/day	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**26.34**	**26.34**	**-**	**-**
Max On-Site Painting VOC, lb/day												
b. Building painting calculated from URBEMIS 2007 v.9.2.4												

Quarterly Painting VOC Emissions (tons/qrtr) b.																	
	2009	2010				2011				2012				2013			
UNMITIGATED	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
	-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.33**	**0.31**	**-**	**-**	**-**	**-**	**0.22**	**-**
b. Calculated from URBEMIS 2007 V.9.2.4 daily emissions and number of painting/striping days in each quarter.																	
Annual Painting VOC Emissions (tpy) a.																	
UNMITIGATED																	
Construction Phase	2009	2010	2011	2012	2013												
TPAR																	
DWP Equip Installation & Start Up and Commi...																	
Utility Relocations																	
Shoring																	
Excavation for Utilidor **																	
Construct Utilidor																	
Install Pipe Racks, Distrib Piping & Cable Tray																	
Demo Electrical Building & Equipment																	
CUP Building Shoring / Foundations Basement																	
CUP Equipment & Installation																	
CUP Building Structure / Enclosure1				0.64													
Install & Energize Mechanical Equipment																	
Decommission & Demo Exist CUP\Cooling To...																	
Build Maintenance Building2					0.22												
Build New Thermo Energy Storage Tank																	
Full Plant Start-up & Commission New CUP																	
On-Site Painting VOC, tons/year	**0.00**	**0.00**	**0.00**	**0.64**	**0.22**												
a. Painting VOC emissions calculated from peak daily painting emissions multiplied by the number of days of painting.																	

LAX CUP
Transfer and Demolition Truck Emissions

2010 EMFAC Emission Factors (lb/mi)[a]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206
Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html				Diesel ->	0.001689	0.001554	
				Fug Dust ->	0.000816	0.000138	

Transfer Truck Emissions (max pounds per day)[b]

	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Transfer Truck Emissions (20 trips/day x 10 mi/roundtrip)	1.8	0.5	5.7	0.0	0.4	0.3	631.7
Demolition Material Transfer Truck	0.4	0.1	0.8	0.0	0.0	0.0	143.7
Total	2.18	0.53	6.55	0.01	0.43	0.29	775.36
				Diesel ->	0.28	0.26	lb/day
				Fug Dust ->	0.13	0.02	lb/day

Transfer Truck Emissions (tons per quarter)[c]

	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Transfer Truck Emissions (66 days/qtr)	0.06	0.02	0.19	0.00	0.01	0.01	20.85
Demolition Material Transfer Truck (66 days/qtr)	0.01	0.00	0.03	0.00	0.00	0.00	4.74

Onsite Truck Emissions (tons per year)

Transfer Truck Emissions (tons/yr)	0.24	0.06	0.76	0.00	0.05	0.03	83.38
Demolition Material Transfer Truck Emissions (tons/yr)	0.05	0.01	0.11	0.00	0.01	0.00	18.97
Total Onsite Truck Emissions	0.29	0.07	0.86	0.00	0.06	0.04	102.35
Notes:				Diesel ->	0.04	0.03	tpy
[a.] EMFAC factors for 2010 HHDD diesel vehicles used.				Fug Dust ->	0.02	0.00	tpy

[b.] Per LAX Development Program Memo (14-Nov 2008) and Resource spreadsheet (West Bradley Resource Loaded Schedule 082410.xls),

[c.] 66 days/ quarter based on approximately 5 days per week.
Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html

Highest (Most Conservative) EMFAC2007 (version 2.3)
Emission Factors for On-Road Passenger Vehicles & Delivery Trucks
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model, taking the weighted average of vehicle types and simplifying into two categories:
Passenger Vehicles & Delivery Trucks.

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These emission factors can be used to calculate on-road mobile source emissions for the vehicle categories
listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

This methodology replaces the old EMFAC emission factors in Tables A-9-5-J-1 through A-9-5-L in
Appendix A9 of the current SCAQMD CEQA Handbook. All the emission factors account for the emissions
from start, running and idling exhaust. In addition, the VOC emission factors include diurnal, hot soak, running
and resting emissions, and the PM10 & PM2.5 emission factors include tire and brake wear.

Emission Factors for On-Road Heavy-Heavy-Duty Diesel Trucks
Projects in the SCAQMD
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Vehicle Class: Heavy-Heavy-Duty Diesel Trucks (33,001 to 60,000 pounds)
The following emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model and extracting the Heavy-Heavy-Duty Diesel Truck (HHDT) Emission Factors.

These emission factors can be used to calculate on-road mobile source emissions for the vehicle/emission
categories listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

LAX CUP
Transfer and Demolition Truck Emissions
The HHDT-DSL vehicle/emission category accounts for all emissions from heavy-heavy-duty diesel trucks, including start, running and idling exhaust. In addition, VOC emission factors account for diurnal, hot soak, running and resting emissions, and the PM10 & PM2.5 emission factors account for tire and brake wear.

The HHDT-DSL, Exh vehicle/emission category includes only the exhaust portion of PM10 & PM2.5 emissions from heavy-heavy-duty diesel trucks.

Scenario Year: 2010
All model years in the range 1966 to 2010

HHDT-DSL	
CO	0.01195456
NOx	0.03822102
VOC	0.00304157
SOx	0.00004131
PM10	0.00183062
PM2.5	0.00160083
CO2	4.21120578

HHDT-DSL, Exh	
PM10	0.00168861
PM2.5	0.00155435

Paved Road Fugitive Dust from "Improvement of Specific Emission Factors (BACM Project No. 1) Final Report," MRI, 1996.
Used High ADT, average conditions:

Paved Road Dust, lb/mi	
PM10	0.00081571
PM2.5	0.00013774

LAX CUP
Construction - Emission Factors for Onroad Equipment (Diesel and Gas)

2010 EMFAC Emission Factors (lb/mi)

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger Vehicle, Gas (<8500 lb)	0.008263	0.000914	0.000918	0.000011	0.000903	0.000193	1.095682
Delivery Vehicle, Gas (>8500 lb)	0.018438	0.002590	0.020625	0.000027	0.001567	0.000780	2.732222
HHDD Vehicle, Diesel (33,001 to 60,000 lb)	0.011955	0.003042	0.038221	0.000041	0.002646	0.001739	4.211206

Source: http://www.aqmd.gov/ceqa/handbook/onroad/onroad.html

Peak Day Construction Worker and Delivery Trucks (lbs/day)[a.]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger Vehicles (601/day x 60 miles round trip)[b.]	36	4	4	0	4	1	4,733
Shuttle Bus - Parking to Staging (13/day x 10 mi / rnd trip)[c.]	-	-	-	-	-	-	-
Delivery Trucks (100/day x 40 mi/rnd trip)[d.]	7.2	1.8	22.9	0.0	1.6	1.0	2526.7
Total On-Road Off-site Emissions (lbs/day)	43	6	27	0	5	2	7,260
Peak Daily Emission Rate (g/s)	1	0	0	0	0	0	91

Construction Worker and Delivery Trucks (tons per quarter)[e.]

Category	CO	VOC	NOx	SOx	PM10	PM2.5	CO2
Passenger Vehicles	1.2	0.1	0.1	0.0	0.1	0.0	156.2
Shuttle Bus - Parking to Staging	-	-	-	-	-	-	-
Delivery Trucks	0.2	0.1	0.8	0.0	0.1	0.0	83.4
Total On-Road Off-site Emissions (tons/quarter)	1.4	0.2	0.9	0.0	0.2	0.1	239.6
Annual Emission Rate (g/s)	1	0	0	0	0	0	91

Notes:

[a.] Per HNTB Memo (21-Oct 2008) and Resource spreadsheet (EIR#2 Monthly Reports 081810.xls),

[b.] Passenger vehicles include contractor personnel and LAWA/CM/Inspector trips, and assumes an average of 1.15 passengers per vehicle.

[c.] Shuttle bus emissions assumed to be equivalent to gasoline delivery vehicle (>8500 lbs).

[d.] Delivery Trucks assumed to be on-road HHDD trucks, delivering cement, aggregate, base coarse material, and miscellaneous materials.

[e.] Assumes 66 working days per quarter, and peak daily emissions per quarter.

Highest (Most Conservative) EMFAC2007 (version 2.3)
Emission Factors for On-Road Passenger Vehicles & Delivery Trucks
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model, taking the weighted average of vehicle types and simplifying into two categories
Passenger Vehicles & Delivery Trucks.

These emission factors can be used to calculate on-road mobile source emissions for the vehicle categories
listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

This methodology replaces the old EMFAC emission factors in Tables A-9-5-J-1 through A-9-5-L in
Appendix A9 of the current SCAQMD CEQA Handbook. All the emission factors account for the emissions
from start, running and idling exhaust. In addition, the VOC emission factors include diurnal, hot soak, running
and resting emissions, and the PM10 & PM2.5 emission factors include tire and brake wear.

Emission Factors for On-Road Heavy-Heavy-Duty Diesel Trucks
Projects in the SCAQMD
Derived from Peak Emissions Inventory (Winter, Annual, Summer)
Vehicle Class: Heavy-Heavy-Duty Diesel Trucks (33,001 to 60,000 pounds)
The following emission factors were compiled by running the California Air Resources Board's EMFAC2007
(version 2.3) Burden Model and extracting the Heavy-Heavy-Duty Diesel Truck (HHDT) Emission Factors.

LAX CUP
Construction - Emission Factors for Onroad Equipment (Diesel and Gas)

These emission factors can be used to calculate on-road mobile source emissions for the vehicle/emission categories listed in the tables below, by use of the following equation:
Emissions (pounds per day) = N x TL x EF
where N = number of trips, TL = trip length (miles/day), and EF = emission factor (pounds per mile)

The HHDT-DSL vehicle/emission category accounts for all emissions from heavy-heavy-duty diesel trucks, including start, running and idling exhaust. In addition, VOC emission factors account for diurnal, hot soak, running and resting emissions, and the PM10 & PM2.5 emission factors account for tire and brake wear.

The HHDT-DSL, Exh vehicle/emission category includes only the exhaust portion of PM10 & PM2.5 emissions from heavy-heavy-duty diesel trucks.

Scenario Year: 2009
All model years in the range 1965 to

HHDT-DSL	
CO	0.012822
NOx	0.041846
VOC	0.003293
SOx	0.000040
PM10	0.001996
PM2.5	0.001752
CO2	4.210808

HHDT-DSL, Exh	
PM10	0.001854
PM2.5	0.001707

Scenario Year: 2010
All model years in the range 1966 to 2010

HHDT-DSL	
CO	0.011955
NOx	0.038221
VOC	0.003042
SOx	0.000041
PM10	0.001831
PM2.5	0.001601
CO2	4.211206

HHDT-DSL, Exh	
PM10	0.001689
PM2.5	0.001554

LAX CUP

Concrete Delivery Trucks Associated with Offsite Concrete Production

Pavement Schedule

	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111														22	22	22	22	22
Direct Buried Pipe*	245						4	22	22	22	22	22	22	22	22	22	22	22	2
Thermal Storage	100																		
Total	456	-	-	-	-	-	4	22	22	22	22	22	22	22	44	44	43	43	24
Count		-	-	-	-	-	1	1	1	1	1	1	1	1	2	2	2	2	2

**Assumed that the excavation and construction would occur partially in parallel*

CO

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	10.8	10.8	10.8	10.8
Direct Buried Pipe*	245	-	-	-	-	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	11.11	11.11	11.11	11.11	11.11

VOC

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	2.8	2.8	2.8	2.8
Utilidor*	245	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	2.85	2.85	2.85	2.85	2.85

NOX

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	35.4	35.4	35.4	35.4	35.4
Utilidor*	245	-	-	-	-	-	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	36.27	36.27	36.27	36.27	36.27

SOX

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	0.03	0.03	0.03	0.03
Utilidor*	245	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03

PM10

lbs/day	Total Days	2009 Nov-09	2009 Dec-09	2010 Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	3.1	3.1	3.1	3.1
Utilidor*	245	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	3.14	3.14	3.14	3.14	3.14

CUP																				
rete Delivery Trucks A																				
Pavement Sched																				
	2011								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	2																			
ect Buried Pipe*																				
Thermal Storage																				
Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Count	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
**Assumed that the ex*																				
CO																				
lbs/day	**2011**								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ect Buried Pipe*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOC																				
lbs/day	**2011**								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOX																				
lbs/day	**2011**								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	35.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	35.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOX																				
lbs/day	**2011**								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PM10																				
lbs/day	**2011**								**2012**											
	May-11	**Jun-11**	**Jul-11**	**Aug-11**	**Sep-11**	**Oct-11**	**Nov-11**	**Dec-11**	**Jan-12**	**Feb-12**	**Mar-12**	**Apr-12**	**May-12**	**Jun-12**	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**
UP Foundations	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CUP											
rete Delivery Trucks A											
Pavement Sched											
	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations											111
ect Buried Pipe*											245
Thermal Storage				22	22	22	22	12			100
Total	-	-	-	22	22	22	22	12	-	-	456
Count	-	-	-	1	1	1	1	1	-	-	
**Assumed that the ex*											
CO											
lbs/day	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	65
ect Buried Pipe*	-	-	-	-	-	-	-	-	-	-	4
Thermal Storage	-	-	-	0.7	0.7	0.7	0.7	0.7	-	-	3
Total	-	-	-	0.68	0.68	0.68	0.68	0.68	-	-	72
VOC											
lbs/day	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	17
Utilidor*	-	-	-	-	-	-	-	-	-	-	1
Thermal Storage	-	-	-	0.2	0.2	0.2	0.2	0.2	-	-	1
Total	-	-	-	0.18	0.18	0.18	0.18	0.18	-	-	18
NOX											
lbs/day	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	212
Utilidor*	-	-	-	-	-	-	-	-	-	-	11
Thermal Storage	-	-	-	2.2	2.2	2.2	2.2	2.2	-	-	11
Total	-	-	-	2.23	2.23	2.23	2.23	2.23	-	-	235
SOX											
lbs/day	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	0.20
Utilidor*	-	-	-	-	-	-	-	-	-	-	0.01
Thermal Storage	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.01
Total	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.23
PM10											
lbs/day	2013										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	18
Utilidor*	-	-	-	-	-	-	-	-	-	-	1
Thermal Storage	-	-	-	0.2	0.2	0.2	0.2	0.2	-	-	1
Total	-	-	-	0.19	0.19	0.19	0.19	0.19	-	-	20

PM2.5																		
lbs/day	**Total**	**2009**		**2010**														
	Days	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1.7	1.7	1.7	1.7
Utilidor*	245	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.76	1.76	1.76	1.76	1.76

CO2																		
lbs/day	**Total**	**2009**		**2010**														
	Days	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**
CUP Foundations	111	-	-	-	-	-	-	-	-	-	-	-	-	-	3,561	3,561	3,561	3,561	3,561
Utilidor*	245	-	-	-	-	-	89	89	89	89	89	89	89	89	89	89	89	89	89
Thermal Storage	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	456	-	-	-	-	-	89	89	89	89	89	89	89	89	3,649	3,649	3,649	3,649	3,649

lbs/day	**Total**	**2009**		**2010**														
	Days	**Nov-09**	**Dec-09**	**Jan-10**	**Feb-10**	**Mar-10**	**Apr-10**	**May-10**	**Jun-10**	**Jul-10**	**Aug-10**	**Sep-10**	**Oct-10**	**Nov-10**	**Dec-10**	**Jan-11**	**Feb-11**	**Mar-11**	**Apr-11**
CO	456	-	-	-	-	-	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	11.11	11.11	11.11	11.11	11.11
VOC	456	-	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	2.85	2.85	2.85	2.85	2.85
NOX	456	-	-	-	-	-	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	36.27	36.27	36.27	36.27	36.27
SOX	456	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03
PM10	456	-	-	-	-	-	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	3.14	3.14	3.14	3.14	3.14
PM2.5	456	-	-	-	-	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.76	1.76	1.76	1.76	1.76
CO2	456	-	-	-	-	-	89	89	89	89	89	89	89	89	3,649	3,649	3,649	3,649	3,649

	Max																	
	lbs/day	**2009**	**2010**				**2011**				**2012**				**2013**			**Peak**
		Q4	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**lbs/day**
	CO	-	-	0.27	0.27	11.11	11.11	11.11	-	-	-	-	-	-	-	0.68	0.68	-	11.11
	VOC	-	-	0.07	0.07	2.85	2.85	2.85	-	-	-	-	-	-	-	0.18	0.18	-	2.85
	NOX	-	-	0.88	0.88	36.27	36.27	36.27	-	-	-	-	-	-	-	2.23	2.23	-	36.27
	SOX	-	-	0.00	0.00	0.03	0.03	0.03	-	-	-	-	-	-	-	0.00	0.00	-	0.03
	PM10	-	-	0.08	0.08	3.14	3.14	3.14	-	-	-	-	-	-	-	0.19	0.19	-	3.14
	PM2.5	-	-	0.04	0.04	1.76	1.76	1.76	-	-	-	-	-	-	-	0.11	0.11	-	1.76

	Cubic yds		*Days*	*Concrete (cu yds)*	*Cu yds/day*	*Oneway Trips/Day*	*VMT/ day*	*CO lbs/day*	*VOC lbs/day*	*NOX lbs/day*	*SOX lbs/day*	*PM10 lbs/day*	*PM2.5 lbs/day*	*CO2 lbs/day*
	CUP Foundations		111	54,500	491	41	846	11	3	35	0	3	2	3,561
	*Direct Buried Pipe**		245	3,000	12	1	21	0	0	1	0	0	0	89
	Thermal Storage		100	3,100	31	3	53	1	0	2	0	0	0	225
		Total	456	60,600	534	45	920	12	3	39	0	3	2	3,874

PM2.5																					
lbs/day	2011								2012												
	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13
UP Foundations	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CO2																					
lbs/day	2011								2012												
	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13
UP Foundations	3,561	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilidor*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3,561	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

lbs/day	2011								2012												
	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13
CO	10.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOC	2.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOX	35.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOX	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PM10	3.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PM2.5	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	3,561	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tons/Quarter	2009	2010				2011				2012				2013			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CO	0.00	0.00	0.01	0.01	0.13	0.36	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00
VOC	0.00	0.00	0.00	0.00	0.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOX	0.00	0.00	0.02	0.02	0.41	0.79	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.00
SOX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
PM2.5	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO2	0.00	0.00	1.94	1.92	41.09	79.07	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95	6.29	0.00

PM2.5											
lbs/day	**2013**										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	10
Utilidor*	-	-	-	-	-	-	-	-	-	-	1
Thermal Storage	-	-	-	0.1	0.1	0.1	0.1	0.1	-	-	1
Total	-	-	-	0.11	0.11	0.11	0.11	0.11	-	-	11
CO2											
lbs/day	**2013**										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
UP Foundations	-	-	-	-	-	-	-	-	-	-	21,364
Utilidor*	-	-	-	-	-	-	-	-	-	-	1,154
Thermal Storage	-	-	-	225	225	225	225	225	-	-	1,124
Total	-	-	-	225	225	225	225	225	-	-	23,642
lbs/day	**2013**										
	Feb-13	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Total**
CO	-	-	-	0.68	0.68	0.68	0.68	0.68	-	-	11.11
VOC	-	-	-	0.18	0.18	0.18	0.18	0.18	-	-	2.85
NOX	-	-	-	2.23	2.23	2.23	2.23	2.23	-	-	36.27
SOX	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.03
PM10	-	-	-	0.19	0.19	0.19	0.19	0.19	-	-	3.14
PM2.5	-	-	-	0.11	0.11	0.11	0.11	0.11	-	-	1.76
CO2	-	-	-	225	225	225	225	225	-	-	3,649

Tons/year	**2009**	**2010**	**2011**	**2012**	**2013**	**Peak**
CO	0.00	0.14	0.49	0.00	0.03	0.49
VOC	0.00	0.04	0.06	0.00	0.01	0.06
NOX	0.00	0.45	0.82	0.00	0.11	0.82
SOX	0.00	0.00	0.00	0.00	0.00	0.00
PM10	0.00	0.04	0.07	0.00	0.01	0.07
PM2.5	0.00	0.02	0.04	0.00	0.01	0.04
CO2	0.00	44.95	82.63	0.00	11.24	82.63

On-Site Equipment		CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	23.54	5.77	43.20	-	2.69	2.48	4,119.93
	Q2	23.54	5.77	43.20	-	2.69	2.48	4,119.93
	Q3	4.68	1.11	8.51	-	0.54	0.50	893.39
	Q4	4.68	1.11	8.51	-	0.54	0.50	893.39

Worker Trips		CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	3.30	0.10	0.19	0.00	0.03	0.02	404.53
	Q2	3.30	0.10	0.19	0.00	0.03	0.02	404.53
	Q3	0.51	0.02	0.03	0.00	0.00	0.00	62.66
	Q4	0.51	0.02	0.03	0.00	0.00	0.00	62.66

Delivery Truck Trips		CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q2	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q3	0.40	0.05	0.54	0.00	0.03	0.02	104.22
	Q4	0.40	0.05	0.54	0.00	0.03	0.02	104.22

Transfer Truck Trips		CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	0.23	0.05	0.56	0.00	0.03	0.02	83.01
	Q2	0.23	0.05	0.56	0.00	0.03	0.02	83.01
	Q3	-	-	-	-	-	-	-
	Q4	-	-	-	-	-	-	-

		Unmitigated		*Mitigated*	
	Fugitive Dust	PM10	PM2.5	PM10	PM2.5
2011 lbs/day	Q1	3.69	0.77	1.44	0.30
	Q2	3.69	0.77	1.44	0.30
	Q3	-	-	-	-
	Q4	-	-	-	-

Paving		CO	VOC	NOX	SOX	PM10	PM2.5	CO2
2011 lbs/day	Q1	-	0.01	-	-	-	-	-
	Q2	-	0.01	-	-	-	-	-
	Q3	-	-	-	-	-	-	-
	Q4	-	-	-	-	-	-	-

Summary

Unmitigated					*Unmitigated*		*Mitigated*		
lbs/day	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
Q1	27.47	5.97	44.50	0.01	6.46	3.31	4.21	2.84	4,713.13
Q2	27.47	5.97	44.50	0.01	6.46	3.31	4.21	2.84	4,713.13
Q3	5.59	1.18	9.08	0.00	0.57	0.52	0.57	0.52	1,060.26
Q4	5.59	1.18	9.08	0.00	0.57	0.52	0.57	0.52	1,060.26
					Unmitigated		*Mitigated*		
tons/qtr	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
Q1	0.91	0.20	1.47	0.00	0.21	0.11	0.14	0.09	155.53
Q2	0.91	0.20	1.47	0.00	0.21	0.11	0.14	0.09	155.53
Q3	0.18	0.04	0.30	0.00	0.02	0.02	0.02	0.02	34.99
Q4	0.18	0.04	0.30	0.00	0.02	0.02	0.02	0.02	34.99
					Unmitigated		*Mitigated*		
tpy	**CO**	**VOC**	**NOX**	**SOX**	**PM10**	**PM2.5**	**PM10**	**PM2.5**	**CO2**
2011	2.18	0.47	3.54	0.00	0.46	0.25	0.32	0.22	381.04

Health Risk Assessment

	Construction				**Trucks**	
	Pipe Diesel (g/s)	**Plant Diesel ($g/s/m^2$)**	**Pipe Dust (g/s)**	**Paving ($g/s/m^2$)**	**Exhaust (g/s)**	**Road Dust (g/s)**
PM10[1]						
Period	0.0066	3.01E-06	0.0044	NA	0.0001	0.00001
PM10[2]						
Period	0.0066	3.01E-06	0.0114	NA	0.0001	0.00001
VOC						
Period	0.0144	6.16E-06	NA	5.90E-06	0.0001	NA

[1] *Controlled PM10*

[2] *Uncontrolled PM10*

LAX CUP												
Reclaimed Water Pipeline												
Urbemis 2007 Version 9.2.4												
Combined Summer Emissions Reports (Pounds/Day)												
File Name: R:\LAX CUP\URBEMIS\LAX Reclaimed Water Excavation.urb924												
Project Name: LAX CUP - Reclaimed Water Pipe Excavation and Treatment Plant												
Project Location: Los Angeles County												
On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006												
Off-Road Vehicle Emissions Based on: OFFROAD2007												
Summary Report:												
CONSTRUCTION EMISSION ESTIMATES												
			ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmitigated)			4.79	35.42	21.88	0.00	3.71	2.18	5.89	0.78	2.01	2.78	3,651.43
2011 TOTALS (lbs/day mitigated)			4.79	35.42	21.88	0.00	1.46	2.18	3.64	0.31	2.01	2.31	3,651.43
Construction Unmitigated Detail Report:												
CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated												
			ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-1/14/2011 Active Days: 10			2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
	Mass Grading 01/03/2011-06/13/2011		2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
		Mass Grading Dust	0.00	0.00	0.00	0.00	3.69	0.00	3.69	0.77	0.00	0.77	0.00
		Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
		Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
		Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 1/17/2011-6/13/2011 Active Days: 1			**4.79**	**35.42**	**21.88**	**0.00**	**3.71**	**2.18**	**5.89**	**0.78**	**2.01**	**2.78**	**3,651.43**
	Asphalt 01/17/2011-06/30/2011		1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
		Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
		Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
		Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
	Mass Grading 01/03/2011-06/13/2011		2.90	24.04	13.19	0.00	3.70	1.20	4.90	0.77	1.10	1.88	2,451.58
		Mass Grading Dust	0.00	0.00	0.00	0.00	3.69	0.00	3.69	0.77	0.00	0.77	0.00
		Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
		Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
		Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 6/14/2011-6/30/2011 Active Days: 1			1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
	Asphalt 01/17/2011-06/30/2011		1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
		Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
		Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
		Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
Phase Assumptions												
Phase: Mass Grading 1/3/2011 - 6/13/2011 - Reclaimed Water Pipeline												
Total Acres Disturbed: 0.48												
Maximum Daily Acreage Disturbed: 0.12												
Fugitive Dust Level of Detail: Low												
Onsite Cut/Fill: 17 cubic yards/day; Offsite Cut/Fill: 1.1 cubic yards/day												

On Road Truck Travel (VMT): 18.86												
Off-Road Equipment:												
1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day												
1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day												
1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day												
1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day												
Phase: Paving 1/17/2011 - 6/30/2011 - Road paving												
Acres to be Paved: 0.24												
Off-Road Equipment:												
4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day												
1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day												
1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day												
1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day												
Construction Mitigated Detail Report:												
CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated												
			ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-1/14/2011 Active Days: 10			2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
	Mass Grading 01/03/2011-06/13/2011		2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
		Mass Grading Dust	0.00	0.00	0.00	0.00	1.44	0.00	1.44	0.30	0.00	0.30	0.00
		Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
		Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
		Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 1/17/2011-6/13/2011 Active Days: 1			**4.79**	**35.42**	**21.88**	**0.00**	1.46	**2.18**	3.64	0.31	**2.01**	2.31	**3,651.43**
	Asphalt 01/17/2011-06/30/2011		1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
		Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
		Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
		Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
	Mass Grading 01/03/2011-06/13/2011		2.90	24.04	13.19	0.00	1.45	1.20	2.65	0.30	1.10	1.41	2,451.58
		Mass Grading Dust	0.00	0.00	0.00	0.00	1.44	0.00	1.44	0.30	0.00	0.30	0.00
		Mass Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
		Mass Grading On Road Diesel	0.04	0.54	0.22	0.00	0.00	0.02	0.03	0.00	0.02	0.02	79.95
		Mass Grading Worker Trips	0.03	0.06	1.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	124.32
Time Slice 6/14/2011-6/30/2011 Active Days: 1			1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
	Asphalt 01/17/2011-06/30/2011		1.89	11.38	8.69	0.00	0.01	0.98	0.99	0.00	0.90	0.91	1,199.85
		Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Off Road Diesel	1.83	11.26	6.91	0.00	0.00	0.98	0.98	0.00	0.90	0.90	979.23
		Paving On Road Diesel	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07
		Paving Worker Trips	0.06	0.10	1.77	0.00	0.01	0.01	0.02	0.00	0.00	0.01	217.55
Construction Related Mitigation Measures													
The following mitigation measures apply to Phase: Mass Grading 1/3/2011 - 6/13/2011 - Reclaimed Water Pipeline													
For Soil Stablizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:													
PM10: 61% PM25: 61%													
For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:													
PM10: 61% PM25: 61%													

LAX CUP											
Reclaimed Water Treatment Plant											
Urbemis 2007 Version 9.2.4											
Combined Summer Emissions Reports (Pounds/Day)											
File Name: R:\LAX CUP\URBEMIS\LAX Treatment Plant.urb924											
Project Name: LAX CUP - Treatment Plant Construction											
Project Location: Los Angeles County											
On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006											
Off-Road Vehicle Emissions Based on: OFFROAD2007											
Summary Report:											
CONSTRUCTION EMISSION ESTIMATES											
	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmi	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Construction Unmitigated Detail Report:											
CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated											
	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 1/3/2011-12/30/2	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Building 01/03/2011-12/30/2	1.18	9.08	5.59	0.00	0.01	0.57	0.57	0.00	0.52	0.52	1,060.26
Building Off Road Diesel	1.11	8.51	4.68	0.00	0.00	0.54	0.54	0.00	0.50	0.50	893.39
Building Vendor Trips	0.05	0.54	0.40	0.00	0.00	0.02	0.03	0.00	0.02	0.02	104.22
Building Worker Trips	0.02	0.03	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.66
Phase Assumptions											
Phase: Building Construction 1/3/2011 - 12/30/2011 - Treatment Plant Construction											
Off-Road Equipment:											
1 Cranes (399 hp) operating at a 0.43 load factor for 4 hours per day											
2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day											
1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day											

LAX CUP-RP
Existing Units

Criteria Pollutant Emissions Inventory

Existing CUP Equipment (to be Replaced or Removed)	**Peak Daily Emissions (lbs/day)**					
Sources	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Existing Gas Turbines (2 units)	61.26	103.64	6.79	9.38	9.38	0.74
Existing CUP Large Boilers (2 units)	251.65	275.57	4.81	15.11	15.11	1.35
Existing CUP Cooling Tower	-	-	-	12.52	12.52	-
Existing CUP Total Peak Daily Emissions	**312.91**	**379.21**	**11.59**	**37.01**	**37.01**	**2.09**

Existing CUP Equipment (to be Replaced or Removed)	**Annual Emissions (tons/year)**					
Sources	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Existing Gas Turbines (2 units)	1.86	3.15	0.21	0.29	0.29	0.02
Existing CUP Large Boilers (2 units)	40.20	44.03	0.77	2.41	2.41	0.22
Existing CUP Cooling Tower	-	-	-	2.28	2.28	-
Existing CUP Total Peak Daily Emissions	**42.07**	**47.18**	**0.97**	**4.98**	**4.98**	**0.24**

LAX CUP-RP

Existing Units

Criteria Pollutant Emission Calculations

Unit(s)	AER Form No.	Fuel Type	Fuel Useage	Fuel Use Units	Annual Emissions from 2006-2007 AER (lbs/yr) NOx	CO	VOC	PM10/PM2.5[d.]	SO_2
Utility Boilers[a.]	B1	Natural Gas	75.01	MMscf/yr	3,724.39	6,300.84	412.56	570.08	45.01
Gas Turbines[b.]	B2	Natural Gas	717.55	MMscf/yr	80,407.06	88,050.56	1,535.56	4,829.11	430.53
Cooling Tower	B4	Electricity						4,568.50	
Existing CUP Total Emissions (lbs/year) [c.]					84,131.45	94,351.40	1,948.11	9,967.69	475.54

Sources: AQMD 2006-2007 Annual Emission Report (AER) Forms B1 through B4, except for NOx.
NOx data were obtained from AQMD 2006-2007 AER, RECLAIM QCER forms, see below.

General Notes:
a. Assumed to be two (2) NG Fired Boilers, each rated 27.5 MMBtu/hr (per Title V Permit dated July 2, 2008).
b. Assumed to be two (2) NG Fired Gas Turbines, each rated 50.053 MMBtu/hr (per Title V Permit dated July 2, 2008).
c. Existing CUP Emissions are only for CUP sources that will be removed or modified by CUP Renovation Project.
d. PM2.5 emissions assumed to be the same as PM10 emissions for Existing CUP operational sources.

MMscf/yr = millions of standard cubic feet (at 60°F and 14.7 psia) per year.

AQMD 2006-2007 Corrected QCER Forms - NOx emissions

Period	NOx (lbs/qtr) by Source Category: Major [e.]	Large [f.]	Process	Rule 219	Portable	No Permit	Totals
3rd Quarter 2006	20,893.31	39.24	962.50	1,350.12	-	359.65	23,604.82
4th Quarter 2006	23,505.20	705.37	1,186.85	1,779.74	-	55.76	27,232.92
1st Quarter 2007	16,819.54	1,803.78	1,712.38	2,183.78	-	122.67	22,642.15
2nd Quarter 2007	19,189.01	1,176.00	966.76	1,581.24	-	323.41	23,236.42
Annual Total (lbs/year)	80,407.06	3,724.39	4,828.48	6,894.88	-	861.49	96,716.31

General Notes:
e. Major sources assumed to be two (2) Cogeneration gas turbines (50.053 MMBtu/hr each per Title V Permit dated July 2, 2008).
f. Large sources assumed to be two (2) Utility Boilers (27.5 MMBtu/hr each per Title V Permit dated July 2, 2008).

Unit(s)	EF Units	LAWA Combustion Source Emission Factors[g.] NOx as NO_2	CO	VOC as CH_4	PM10	PM2.5	SO_2
Utility Boilers[h.]	lb/MMscf	49.65	84.00	5.50	7.60	7.60	0.60
Gas Turbines[i.]	lb/MMscf	112.06	122.71	2.14	6.73	6.73	0.60

General Notes:
g. Emission factors from AQMD 2006-2007 Annual Emission Report (AER) Forms B1 through B4, except for NOx.
h. Utility Boiler NOx emission factor back-calculated from Corrected QCER Form emissions and Form B1 annual fuel use.
i. Turbine NOx emission factor back-calculated from Corrected QCER Form emissions and Form B2 annual fuel use.

LAX CUP-RP

Existing Units

Criteria Pollutant Emission Calculations

		Peak Hourly Emissions (lbs/hr)					
Unit(s)	**# Units**	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (total for 2)	2	2.55	4.32	0.28	0.39	0.39	0.0308
Gas Turbines (total for 2)	2	10.49	11.48	0.200	0.630	0.630	0.0561
Cooling Tower	1				0.522	0.522	
Total Peak Hourly (lb/hr)		**13.04**	**15.80**	**0.48**	**1.54**	**1.54**	**0.087**

		Peak Daily Emissions (lbs/day)					
Unit(s)	**# Units**	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (total for 2)	2	61.26	103.64	6.79	9.38	9.38	0.74
Gas Turbines (total for 2)	2	251.65	275.57	4.81	15.11	15.11	1.35
Cooling Tower	1	-	-	-	12.52	12.52	-
Total Peak Daily (lb/day)		**312.91**	**379.21**	**11.59**	**37.01**	**37.01**	**2.09**

		Potential to Emit Annual Emissions (t/y)					
Unit(s)	**# Units**	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (total for 2)	2	11.18	18.91	1.24	1.71	1.71	0.14
Gas Turbines (total for 2)	2	45.93	50.29	0.88	2.76	2.76	0.25
Cooling Tower	1	-	-	-	2.28	2.28	-
Total Annual Average Hourly (lb/hr)		**57.11**	**69.21**	**2.12**	**6.75**	**6.75**	**0.38**

	Environmental Baseline Annual Emissions (t/y)					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (total for 2)	1.86	3.15	0.21	0.29	0.29	0.023
Gas Turbines (total for 2)	40.20	44.03	0.77	2.41	2.41	0.215
Cooling Tower	-	-	-	2.28	2.28	-
Total Annual Emissions (tons/yr)	**42.07**	**47.18**	**0.97**	**4.98**	**4.98**	**0.24**

LAX CUP-RP
Existing Units
Criteria Pollutant Emission Calculations

Unit(s)	Modeling Emission Rates (g/s) - Potential to Emit					
	NOx as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (per unit)	1.61E-01	2.72E-01	1.78E-02	2.46E-02	2.46E-02	1.94E-03
Gas Turbines (total for 2)	1.32E+00	1.45E+00	2.52E-02	7.93E-02	7.93E-02	7.07E-03
Cooling Tower				6.57E-02	6.57E-02	

Unit(s)	Modeling Emission Rates (g/s) - Environmental Baseline					
	NOx as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Utility Boilers (per unit)	2.68E-02	4.53E-02	2.97E-03	4.10E-03	4.10E-03	3.24E-04
Gas Turbines (total for 2)	1.16E+00	1.27E+00	2.21E-02	6.95E-02	6.95E-02	6.19E-03
Cooling Tower				6.57E-02	6.57E-02	

LAX CUP-RP
Existing Units

Toxic Air Contaminant Emissions

		Toxic Air Contaminant Emission Rates, lbs/year		
		Source		Existing
Contaminant	**CAS**	**Utility Boilers**	**Turbines**	**Total (lb/yr)**
VOC		4.13E+02	1.54E+03	1.95E+03
NOx		3.72E+03	8.04E+04	8.41E+04
Ammonia	7664417	2.40E+02	2.30E+03	2.54E+03
Benzene	71432	4.35E-01	8.75E+00	9.19E+00
Butadiene, 1,3-	106990	-	3.15E-01	3.15E-01
Formaldehyde	50000	9.23E-01	5.20E+02	5.20E+02
Polycyclic Aromatic Hydrocarbon (PAHs)	1151	3.00E-02	1.61E+00	1.64E+00
Acetaldehyde	75070	2.33E-01	2.93E+01	2.95E+01
Acrolein	107028	2.03E-01	4.69E+00	4.89E+00
Ethylbenzene	100414	5.18E-01	2.34E+01	2.39E+01
Hexane (n-)	110543	3.45E-01	-	3.45E-01
Propylene oxide	115071	-	2.12E+01	2.12E+01
Toluene	108883	1.99E+00	9.54E+01	9.74E+01
Xylenes (isomers and mixtures)	1330207	1.48E+00	4.69E+01	4.83E+01

Source:
AQMD 2006-2007 Annual Emission Report (AER) Form TACS.

LAX CUP-RP
Existing Units

Toxic Air Contaminant Emissions

	TAC Annual Avg Emission Rate (lb/hr)			TAC Peak Hourly Emission Rate (lb/hr)		
	Source		Existing	Source		Existing
Contaminant	**Utility Boilers**	**Turbines**	**Total (lb/hr)**	**Utility Boilers**	**Turbines**	**Total (lb/hr)**
VOC	4.71E-02	1.75E-01	2.22E-01	2.83E-01	2.00E-01	4.83E-01
NOx	4.25E-01	9.18E+00	9.60E+00	2.55E+00	1.05E+01	1.30E+01
Ammonia	2.74E-02	2.62E-01	2.90E-01	1.65E-01	2.99E-01	4.64E-01
Benzene	4.97E-05	9.99E-04	1.05E-03	2.98E-04	1.14E-03	1.44E-03
Butadiene, 1,3-	-	3.60E-05	3.60E-05	-	4.11E-05	4.11E-05
Formaldehyde	1.05E-04	5.93E-02	5.94E-02	6.32E-04	6.77E-02	6.84E-02
Polycyclic Aromatic Hydrocarbon (PAHs)	3.43E-06	1.84E-04	1.88E-04	2.06E-05	2.10E-04	2.31E-04
Acetaldehyde	2.65E-05	3.34E-03	3.37E-03	1.59E-04	3.82E-03	3.98E-03
Acrolein	2.31E-05	5.35E-04	5.58E-04	1.39E-04	6.11E-04	7.50E-04
Ethylbenzene	5.91E-05	2.67E-03	2.73E-03	3.55E-04	3.05E-03	3.41E-03
Hexane (n-)	3.94E-05	-	3.94E-05	2.36E-04	-	2.36E-04
Propylene oxide	-	2.42E-03	2.42E-03	-	2.77E-03	2.77E-03
Toluene	2.27E-04	1.09E-02	1.11E-02	1.36E-03	1.24E-02	1.38E-02
Xylenes (isomers and mixtures)	1.69E-04	5.35E-03	5.52E-03	1.01E-03	6.11E-03	7.12E-03

Source:
AQMD 2006-2007 Annual Emission Report (AER) Form TACS.

LAX CUP-RP
Existing Units

Toxic Air Contaminant Emissions

	TAC Annual Avg Emission Rate (g/s)			TAC Peak Hourly Emission Rate (g/s)		
	Source		Existing	Source		Existing
Contaminant	**Utility Boilers**	**Turbines**	**Total (g/s)**	**Utility Boilers**	**Turbines**	**Total (g/s)**
VOC						
NOx						
Ammonia	3.45E-03	3.30E-02	3.65E-02	2.07E-02	3.77E-02	5.85E-02
Benzene	6.26E-06	1.26E-04	1.32E-04	3.76E-05	1.44E-04	1.81E-04
Butadiene, 1,3-	-	4.53E-06	4.53E-06	-	5.18E-06	5.18E-06
Formaldehyde	1.33E-05	7.47E-03	7.49E-03	7.97E-05	8.54E-03	8.62E-03
Polycyclic Aromatic Hydrocarbon (PAHs)	4.32E-07	2.32E-05	2.36E-05	2.59E-06	2.65E-05	2.91E-05
Acetaldehyde	3.34E-06	4.21E-04	4.24E-04	2.01E-05	4.81E-04	5.01E-04
Acrolein	2.91E-06	6.74E-05	7.03E-05	1.75E-05	7.70E-05	9.45E-05
Ethylbenzene	7.44E-06	3.36E-04	3.44E-04	4.47E-05	3.84E-04	4.29E-04
Hexane (n-)	4.96E-06	-	4.96E-06	2.98E-05	-	2.98E-05
Propylene oxide	-	3.05E-04	3.05E-04	-	3.49E-04	3.49E-04
Toluene	2.86E-05	1.37E-03	1.40E-03	1.72E-04	1.57E-03	1.74E-03
Xylenes (isomers and mixtures)	2.13E-05	6.74E-04	6.95E-04	1.28E-04	7.70E-04	8.97E-04

Source:
AQMD 2006-2007 Annual Emission Report (AER) Form TACS.

LAX CUP-RP
Existing Units

CUP GHG Emissions

Units	# Units	Heat Rate, MMBtu/hr	Equipment Use, hrs/yr[a]	Fuel per year, MMBtu/yr	CO2 metric tons	CH4 metric tons	N2O metric tons	CO2e metric tons
Utility Boilers	2	55.00	8,760	481,800	25,545.04	0.4336	0.0482	25,569.08
Turbines	2	100.11	8,760	876,929	46,494.75	0.7892	0.0877	46,538.51
Total					72,039.79	1.22	0.14	72,107.59

a. Compares potential to emit (PTE) for anticipated operation, auxiliary boiler does not operate unless one or more of the other units are down.

Natural Gas Type	HHV (Btu/scf)	kg CO2/MMBtu
Unspecified (Weighted U.S. Average)	1,027	53.02

	Default CH4 EF (g CH4/ MMBtu)	Default N2O EF (g N2O / MMBtu)
Natural Gas	0.9	0.1
Distillate	3.0	0.6

Gas	GWP
CO2	1
CH4*	21
N2O	310

Source: CARB. *Regulation for the Mandatory Reporting of Greenhouse Gas Emissions.* California Code of Regulations Subchapter 10, Article 2, sections 95100 to 95133, title 17.

LAX CUP-RP
Existing Turbines

Assumed Natural Gas Composition[a]:

Compound	MW (lb/lbmole)	Density (lb/cu ft)	LHV (or Net HV) (Btu/cu ft)	LHV (or Net HV) (Btu/lb)	HHV (or Gross HV) (Btu/cu ft)	HHV (or Gross HV) (Btu/lb)	Mole% or Volume%
Methane (CH_4)	16.04	0.0425	911	21,495	1,012	23,875	92.4%
Ethane (C_2H_6)	30.07	0.0803	1,622	20,418	1,773	22,323	7.6%
Natural Gas (estimated)	17.11	0.0454	965	21,413	1,070	23,757	100.0%

Combustion Calculation: Turbines[a]

Combustion Products	MW (lb/lbmole)	Density (lb/cu ft)	Quantity (moles/ mole fuel)	Mole% or Volume% (wet)	Mole% or Volume% (dry)	
Carbon monoxide (CO_2)	44.01	0.1170	1.08	3.13%	3.41%	
Water (H_2O) from combustion	18.02	0.0476	2.08	6.04%	-	
Water (H_2O) in air	18.02	0.0476	0.68	1.99%	-	
Oxygen (O_2)	32.00	0.0846	-	-	-	@ 0% Excess O_2
Oxygen (O_2)	32.00	0.0846	4.74	13.79%	14.99%	Additional for 15% O_2 in dry exhaust gas.
Nitrogen (N_2)	28.01	0.0744	7.96	23.17%	25.19%	@ 0% Excess O_2
Nitrogen (N_2)	28.01	0.0744	17.82	51.88%	56.41%	Additional for 15% O_2 in dry exhaust gas.
Total (per mole fuel) Wet	28.26	0.0750	34.35	100.00%	100.00%	
Total (per mole fuel) Dry	29.15	0.0774	31.59			

Oxygen (O_2)	32.00	2.11	O_2 Needed for complete combustion, with no excess.
		32.63	Moles of dry combustion air per mole of fuel.

a. *Steam: Its Generation and Use*, 38th Edition, Babcock & Wilcox, New York, NY. 1972. Chapter 6.
All gas volumes corrected to 60oF and 30 in. Hg dry, unless noted otherwise. 60 ^{o}F

LAX CUP-RP
Existing Turbines

Existing CUP Turbines (combined total for 2 units):

Annual NG Heat Rate	87.63	MMBtu/Hr total for 2 units, HHV basis, based on reported NG usage for 2006-2007, see below.
Peak NG Heat Rate	100.11	MMBtu/Hr total for 2 units, HHV basis (assumed) per Title V permit[b].
Annual NG Consumption Rate	717.55	MMcf/yr @ 60°F[c].
Annual NG Consumption Rate	0.0819	MMcf/hr @ 60°F, based on total annual turbine NG use in 2006-2007 Annual Emissions Report (9/28/2007)[c].
Peak NG Consumption Rate	0.0936	MMcft/hr @ 60°F total for 2 units, based on Title V permit heat rate[b].
Calculated Hourly Air Flow	3.05	MMcft/hr @ 60°F. This is 2.241 x stoichiometric volume = 15% excess O_2 dry in stack gas - used for compliance with emission limits.
Stack Gas Exit Temp	300	^{o}F[d].
Stack Gas Volumetric Rate	2.96	MM cu ft / Hr (dry) @ 60°F.
Stack Gas Volumetric Rate	3.21	MM cu ft / Hr (wet) @ 60°F.
Stack Gas Volumetric Rate	4.70	MM cu ft / Hr (wet) @ 300°F.
Stack Gas Mass Rate	241,055.15	lbs/hr, wet
Stack Diameter	1.524	Meters, estimated by CDM based on measurement using Google Earth Pro (5 ft).
Exit Velocity	20.26	m/s, based on peak rates Title V permit[b].

b. AQMD Title V Permit, Facility ID No. 800335 - City of Los Angeles - Department of Airports, July 2, 2008.
c. AQMD 2006-2007 Annual Emissions Report (AER), Form B2 - Page 1, 800335 City of Los Angeles - Department of Airports, September 28, 2007.
d. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), G. Wolffe (AECOM) & J. Pehrson (CDM), June 17, 2009; re: LAX CUP AQ Analysis.

LAX CUP-RP
Existing Boilers

Assumed Natural Gas Composition:[a]

Compound	MW (lb/lbmole)	Density (lb/cu ft)	LHV (or Net HV) (Btu/cu ft)	LHV (or Net HV) (Btu/lb)	HHV (or Gross HV) (Btu/cu ft)	HHV (or Gross HV) (Btu/lb)	Mole% or Volume%
Methane (CH_4)	16.04	0.0425	911	21,495	1,012	23,875	92.4%
Ethane (C_2H_6)	30.07	0.0803	1,622	20,418	1,773	22,323	7.6%
Natural Gas (estimated)	17.11	0.0454	965	21,413	1,070	23,757	100.0%

Combustion Calculation:[a]

Combustion Products	MW (lb/lbmole)	Density (lb/cu ft)	Quantity (moles/ mole fuel)	Mole% or Volume% (wet)	Mole% or Volume% (dry)	
Carbon monoxide (CO_2)	44.01	0.1170	1.08	8.37%	10.21%	
Water (H_2O) from combustion	18.02	0.0476	2.08	16.14%	-	
Water (H_2O) in air	18.02	0.0476	0.24	1.89%	-	
Oxygen (O_2)	32.00	0.0846	-	-	-	@ 0% Excess O_2
Oxygen (O_2)	32.00	0.0846	0.32	2.46%	3.00%	Additional for 3% O_2 in dry exhaust gas.
Nitrogen (N_2)	28.01	0.0744	7.96	61.90%	75.51%	@ 0% Excess O_2
Nitrogen (N_2)	28.01	0.0744	1.19	9.25%	11.28%	Additional for 3% O_2 in dry exhaust gas.
Total (per mole fuel) Wet	27.65	0.0734	12.86	100.00%	100.00%	
Total (per mole fuel) Dry	29.76	0.0791	10.54			

Oxygen (O_2)	32.00	2.11	O_2 Needed for complete combustion, with no excess.
		11.58	Moles of dry combustion air per mole of fuel.

a. *Steam: Its Generation and Use*, 38th Edition, Babcock & Wilcox, New York, NY. 1972. Chapter 6.
All gas volumes corrected to 60°F and 30 in. Hg dry, unless noted otherwise. 60 °F

LAX CUP-RP
Existing Boilers

Existing CUP Large Boilers (per unit, one operating & one standby, two stacks)

Annual NG Heat Rate	9.16	MMBtu/Hr total for 2 units, HHV basis, based on reported NG usage for 2006-2007, see below.
Peak NG Heat Rate	27.50	MMBtu/Hr per unit[b]. (Assume HHV basis.)
Annual NG Consumption Rate	75.01	MMcf/yr @ 60°F[c].
Annual NG Consumption Rate	0.00856	MMcf/hr @ 60°F, based on total annual turbine NG use in 2006-2007 Annual Emissions Report (9/28/2007)[d].
Peak NG Consumption Rate	0.0257	MMcft/hr @ 60°F per unit, HHV basis, from Title V Permit heat rate[b].
Calculated Hourly Air Flow	0.298	MMcft/hr @ 60°F /unit. This is ~0.15 x stoichiometric volume = 3% excess O_2 dry in stack gas - used for compliance with emission limits.
Stack Gas Exit Temp	300	^{o}F[d].
Stack Gas Volumetric Rate	0.271	MM cu ft / Hr (dry) @ 60°F.
Stack Gas Volumetric Rate	0.331	MM cu ft / Hr (wet) @ 60°F.
Stack Gas Volumetric Rate	0.483	MM cu ft / Hr (wet) @ 300°F.
Stack Gas Mass Rate	24,255.77	lbs/hr, wet
Stack Diameter	0.853	Meters, estimated by CDM based on "as built" drawing[e].
Exit Velocity	6.64	m/s, based Title V heat rate[b].

b. AQMD Title V Permit, Facility ID No. 800335 - City of Los Angeles - Department of Airports, July 2, 2008.
c. AQMD 2006-2007 Annual Emissions Report (AER), Form B1 - Page 1, 800335 City of Los Angeles - Department of Airports, September 28, 2007.
d. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), G. Wolffe (AECOM) & J. Pehrson (CDM), June 17, 2009; re: LAX CUP AQ Analysis.
e. Los Angeles International Airport, Central Utility Plant Expansion - Roof Plan & Details, Lyon Associates, Inc., Project 135-1407, Dwg 82069-413B, Sheet M14, June 16, 1982 (as built 1985).

	LAX CUP-RP						
	New Equipment						
	Criteria Pollutant Emissions Inventory						
	New CUP Equipment	**Potential Peak Daily Emissions (lbs/day)**					
	Sources	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
	Auxiliary Boiler (1 unit)	10.32	34.91	4.00	6.82	6.82	0.54
	Gas Turbines (2 units)	14.01	8.53	2.44	12.92	12.92	1.10
	Duct Burners (2 units)	16.51	55.86	6.40	10.91	10.91	0.86
	Cooling Tower	-	-	-	5.03	5.03	-
	New CUP Total Peak Daily Emissions [a.]	**31**	**67**	**9**	**24**	**24**	**2**
a.	The auxiliary boiler would not operate when both turbine/duct burners are operating. The Total Peak Daily rates above are the highest emission						
	rates for 2 turbines and 2 duct burners, plus the cooling tower PM.						
	Existing CUP Equipment (Replace or Modified)	**Peak Daily Emissions (lbs/day)**					
	Sources	**NOx**	**CO**	**VOC**	**PM10**	**PM2.5**	**SO2**
	Existing CUP Utility Boilers (2 units)	61.26	103.64	6.79	9.38	9.38	0.74
	Existing Gas Turbines (2 units)	251.65	275.57	4.81	15.11	15.11	1.35
	Existing CUP Cooling Tower	-	-	-	12.52	12.52	-
	Existing CUP Total Peak Daily Emissions	**313**	**379**	**12**	**37**	**37**	**2**
	Project Incremental Operating Emissions, lbs/day	***(282)***	***(312)***	***(3)***	***(13)***	***(13)***	***(0)***
	SCAQMD Operations Emission Threshold, lbs/day	55.00	550.00	55.00	150.00	55.00	150.00
	Is Significance Threshold Exceeded?	No	No	No	No	No	No

LAX CUP-RP						
New Equipment						
Criteria Pollutant Emissions Inventory						
New CUP Equipment	**Annual Emissions (tons/year) - Planned Operation**					
Sources	**NOx**	**CO**	**VOC**	**PM10**	**PM2.5**	**SO2**
Auxiliary Boiler (1 unit)	-	-	-	-	-	-
Gas Turbines (2 units)	2.56	1.56	0.45	2.36	2.36	0.20
Duct Burners (2 units)	3.01	10.19	1.17	1.99	1.99	0.16
Cooling Tower	-	-	-	0.92	0.92	-
New CUP Total Annual Emissions	**5.57**	**11.75**	**1.61**	**5.27**	**5.27**	**0.36**
Existing CUP Equipment (Replace or Modified)	**Annual Emissions (tons/year) - Future Potential to Emit**					
Sources	**NOx**	**CO**	**VOC**	**PM10**	**PM2.5**	**SO2**
Existing CUP Utility Boilers (2 units)	11.18	18.91	1.24	1.71	1.71	0.14
Existing Gas Turbines (2 units)	45.93	50.29	0.88	2.76	2.76	0.25
Existing CUP Cooling Tower	-	-	-	2.28	2.28	-
Existing CUP Total Annual Emissions	**57.11**	**69.21**	**2.12**	**6.75**	**6.75**	**0.38**

LAX CUP-RP
New Equipment
Criteria Pollutant Emission Calculations

Emission Factors

	New CUP Equipment Emission Factors						Potential	Env. Base.
	NOx [a.]	CO [b.]	VOC [c.]	PM10 [d.]	PM2.5 [e.]	SO_2 [f.]	Hours	Hours
Equipment	ppmvd	ppmvd	ppmvd	lb/MMBtu	lb/MMBtu	lb/MMscf NG	per Year	per Year [g.]
Auxiliary Boiler	9	50	10	0.0071	0.0071	0.60	-	-
Turbines	2	2	1	0.0066	0.0066	0.60	8760	7,668
Duct Burners	9	50	10	0.0071	0.0071	0.60	8760	1,459
Cooling Tower	See calculation below for cooling tower.						8760	8,760

a. NOx EFs estimated from SCAQMD BACT Guidelines for Boilers and Gas Turbines (assuming duct burners are treated as boilers).
b. CO EFs estimated from SCAQMD BACT Guidelines for Boilers and Gas Turbines (assuming duct burners are treated as boilers).
c. VOC EFs were provided by LAWA and CUP designers.
d. PM10 factors based on AP-42 Emission Factors.
e. PM2.5 factors assumed to be equal to PM10 factors (all PM emissions are assumed to be smaller than PM2.5).
f. SO_2 factors obtained from LAX Annual Emissions Report for 2006-2007 submitted to SCAQMD September 28, 2007.
g. Calculated by dividing existing unit (turbines or boilers) annual gas usage by hourly consumption rate.

Cooling Tower Calcuations:

Methodology developed by SCAQMD (Xuan Vu, Aug 2, 2006) and included in LAX 2006-2007 AER.

E = V x (TDS / 1E+06) x (Nd / 100) x Rhow x OH x 60

Where:

E =	Annual PM emissions, lbs/year
V =	Cooling tower circulating water rate, gpm (can be estimated as 3 x tons of heat rejection)
TDS =	Concentration of total dissolved solids in circulating water, ppm
Nd =	Controlled drift loss of circulating water, %
Rhow =	Density of water, lbs/gal
OH =	Annual operating hours, hours/year
60 =	Conversion from minutes to hours

New Cooling Tower Parameters

24,125	tons heat rejection
72,375	gpm max circulating water rate
1,158	ppm TDS, per AER
0.0005	% drift loss for current systems, per SCAQMD
8.34	lbs/gal water density
8,760	hours/year annual operation

1,836.91	lbs/year PM emissions

LAX CUP-RP

New Equipment

Criteria Pollutant Emission Calculations

	Peak Hourly Emissions (lbs/hr)					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler [g.]	0.430	1.455	0.167	0.284	0.284	0.022
Gas Turbines (total for 2)	0.584	0.356	0.102	0.538	0.538	0.046
Duct Burners (total for 2)	0.688	2.327	0.267	0.455	0.455	0.036
Cooling Tower				0.210	0.210	
Total Peak Hourly (lb/hr) [g.]	**1.272**	**2.796**	**0.368**	**0.993**	**0.993**	**0.082**

g. The auxiliary boiler would not operate when both turbine/duct burners are operating. The Total Peak Hourly rates above are the highest emission rates for 2 turbines and 2 duct burners, plus the cooling tower PM.

	Peak Daily Emissions (lbs/day)					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler [h.]	10.32	34.91	4.00	6.82	6.82	0.54
Gas Turbines (total for 2)	14.01	8.53	2.44	12.92	12.92	1.10
Duct Burners (total for 2)	16.51	55.86	6.40	10.91	10.91	0.86
Cooling Tower	-	-	-	5.03	5.03	-
Total Peak Daily (lb/day) [h.]	**30.53**	**67.11**	**8.84**	**23.83**	**23.83**	**1.96**

h. The auxiliary boiler would not operate when both turbine/duct burners are operating. The Total Peak Daily rates above are the highest emission rates for 2 turbines and 2 duct burners, plus the cooling tower PM.

	Annual Emissions (t/y) - Same NG Consumption as Environmental Baseline					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler	-	-	-	-	-	-
Gas Turbines (total for 2)	2.24	1.36	0.39	2.06	2.06	0.18
Duct Burners (total for 2)	0.50	1.70	0.19	0.33	0.33	0.03
Cooling Tower	-	-	-	0.92	0.92	-
Total Annual Average Hourly (lb/hr)	**2.74**	**3.06**	**0.58**	**3.31**	**3.31**	**0.20**

	Annual Emissions (t/y) - Planned Operation					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler	-	-	-	-	-	-
Gas Turbines (total for 2)	2.56	1.56	0.45	2.36	2.36	0.20
Duct Burners (total for 2)	3.01	10.19	1.17	1.99	1.99	0.16
Cooling Tower	-	-	-	0.92	0.92	-
Total Annual Emissions (tons/yr)	**5.57**	**11.75**	**1.61**	**5.27**	**5.27**	**0.36**

	Peak Hourly Modeling Emission Rates (g/s) - per Unit					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler	5.42E-02	1.83E-01	2.10E-02	3.58E-02	3.58E-02	2.83E-03
Gas Turbines (per unit)	3.68E-02	2.24E-02	6.41E-03	3.39E-02	3.39E-02	2.88E-03
Duct Burners (per unit)	4.33E-02	1.47E-01	1.68E-02	2.86E-02	2.86E-02	2.26E-03
Cooling Tower				2.64E-02	2.64E-02	

	Modeling Emission Rates (g/s) - Planned Operation					
Unit(s)	**NOx** as NO_2	**CO**	**VOC** as CH_4	**PM10**	**PM2.5**	**SO_2**
Auxiliary Boiler	-	-	-	-	-	-
Gas Turbines (per unit)	3.68E-02	2.24E-02	6.41E-03	3.39E-02	3.39E-02	2.88E-03
Duct Burners (per unit)	4.33E-02	1.47E-01	1.68E-02	2.86E-02	2.86E-02	2.26E-03
Cooling Tower				2.64E-02	2.64E-02	

LAX CUP-RP

New Equipment

New CUP TAC Emission Estimates

Toxic Air Contaminant Emission Rates, lbs/year

		Source						
TACs	**CAS**	**Auxiliary Boiler**	**New Turbines**	**New Duct Burners**	**New Equipment Total (lb/yr)**	**New Equipment Total (lb/yr)**	**Existing Equipment Total (lb/yr)**	**CUP-RP Increment (lb/yr)**
Ammonia	7664417	-	5,973.52	<-Included	5,973.52	5,973.5	9.2	5,964.3
Benzene	71432	-	0.00	-	0.00	0.0	0.3	(0.3)
Butadiene, 1,3-	106990	-	-	-	-	-	-	-
Formaldehyde	50000	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbon (PAHs)	1151	-	-	-	-	-	-	-
Acetaldehyde	75070	-	0.05	0.13	0.18	0.2	4.9	(4.7)
Acrolein	107028	-	-	-	-	-	-	-
Ethylbenzene	100414	-	-	0.22	0.22	0.2	0.3	(0.1)
Hexane (n-)	110543	-	-	-	-	-	-	-
Propylene oxide	115071	-	-	-	-	-	-	-
Toluene	108883	-	0.52	0.93	1.45	1.4	48.3	(46.9)
Xylenes (isomers and mixtures)	1330207	-	-	-	-	-	-	-

LAX CUP-RP						
New Equipment						
New CUP TAC Emission Estimates						
	Speciation Profile Relative to			**Unit: lbs/hr**		
	VOC, NOx, or PM10			**(Annual Average)**		
TACs	**Auxiliary Boiler**	**New Turbines**	**New Duct Burners**	**New Boilers**	**New Turbines**	**New Duct Burners**
				39,500	45,290	35,580
				scfh	scfh each	scfh each
				1 unit	2 units	2 units
Ammonia				0.00E+00	6.82E-01	<-Included
Benzene	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.99E-07	0.00E+00
Butadiene, 1,3-	-	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Polycyclic Aromatic Hydrocarbon (PAHs)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	5.44E-05	5.83E-05	5.44E-05	0.00E+00	5.93E-06	1.45E-05
Acrolein	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	9.26E-05	0.00E+00	9.26E-05	0.00E+00	0.00E+00	2.47E-05
Hexane (n-)	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Propylene oxide	-	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Toluene	3.97E-04	5.83E-04	3.97E-04	0.00E+00	5.93E-05	1.06E-04
Xylenes (isomers and mixtures)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

LAX CUP-RP											
New Equipment											
New CUP TAC Emission Estimates											
	Unit: g/s				**Unit: g/s**			**Unit: g/s**			
	(Annual Average)				**(Peak Hourly)**			**(Peak Hourly)**			
TACs	**Auxiliary Boiler**	**New Turbines**	**New Duct Burners**	**per Turbine/ Duct Burner**	**Auxiliary Boiler**	**New Turbines**	**New Duct Burners**	**per Boiler**	**per Turbine**	**per Duct Burner**	**per Turbine/ Duct Burner**
	39,500	45,290	35,580		39,500	45,290	35,580	39,500	42,240	35,580	77,820
	scfh	scfh each	scfh each		scfh	scfh each	scfh each	scfh	scfh each	scfh each	scfh each
	1 unit	2 units	2 units		1 unit	2 units	2 units	1 unit	1 unit	1 unit	1 unit
Ammonia	0.00E+00	8.59E-02	<-Included	4.30E-02	0.00E+00	8.59E-02	<-Included	0.00E+00	2.41E-02	1.89E-02	4.30E-02
Benzene	0.00E+00	5.03E-08	0.00E+00	2.51E-08	0.00E+00	5.03E-08	0.00E+00	0.00E+00	2.51E-08	0.00E+00	2.51E-08
Butadiene, 1,3-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Polycyclic Aromatic Hydrocarbon (PAHs)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	0.00E+00	7.48E-07	1.83E-06	1.29E-06	0.00E+00	7.48E-07	1.83E-06	0.00E+00	3.74E-07	9.13E-07	1.29E-06
Acrolein	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	3.11E-06	1.56E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.56E-06	1.56E-06
Hexane (n-)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Propylene oxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	7.48E-06	1.33E-05	1.04E-05	0.00E+00	7.48E-06	1.33E-05	0.00E+00	3.74E-06	6.66E-06	1.04E-05
Xylenes (isomers and mixtures)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

LAX CUP-RP
New Equipment

CUP GHG Emissions

Units	Heat Rate, MMBtu/hr	Equipment Use, hrs/yr[a]	Fuel per year, MMBtu/yr	CO_2 metric tons	CH_4 metric tons	N_2O metric tons	CO_2e metric tons	
Auxiliary Boiler	40.00	-	-	-	-	-	-	
Turbines	81.54	8,760	714,287	37,871.49	0.643	0.071	37,907.13	
Duct Burners	64.00	8,760	560,640	29,725.13	0.505	0.056	29,753.11	
Total for New Equipment				67,596.62	1.15	0.13	67,660.24	
Total for Existing Equipment				72,039.79	1.22	0.14	72,107.59	
CUP-RP Increment				**(4,443.16)**	**(0.08)**	**(0.01)**	**(4,447.35)**	-6.2%

a. Compares potential to emit (PTE) for anticipated operation, auxiliary boiler does not operate unless one or more of the other units are down.

Natural Gas Type	HHV (Btu/scf)	kg CO_2/MMBtu
Unspecified (Weighted U.S. Average)	1,027	53.02

	Default CH4 EF (g CH_4/ MMBtu)	Default N2O EF (g N_2O / MMBtu)
Natural Gas	0.9	0.1
Distillate	3.0	0.6

Gas	GWP
CO_2	1
CH_4*	21
N_2O	310

Source: CARB. *Regulation for the Mandatory Reporting of Greenhouse Gas Emissions.* California Code of Regulations Subchapter 10, Article 2, sections 95100 to 95133, title 17.

LAX CUP-RP
New CUP Turbines

Assumed Natural Gas Composition[a]:

Compound	MW (lb/lbmole)	Density (lb/cu ft)	LHV (or Net HV) (Btu/cu ft)	LHV (or Net HV) (Btu/lb)	HHV (or Gross HV) (Btu/cu ft)	HHV (or Gross HV) (Btu/lb)	Mole% or Volume%	
Methane (CH_4)	16.04	0.0425	911	21,495	1,012	23,875	92.4%	Assumed
Ethane (C_2H_6)	30.07	0.0803	1,622	20,418	1,773	22,323	7.6%	Assumed
Natural Gas (estimated)	17.11	0.0454	965	21,413	1,070	23,757	100.0%	

Combustion Calculation: Turbines[a]

Combustion Products	MW (lb/lbmole)	Density (lb/cu ft)	Quantity (moles/ mole fuel)	Mole% or Volume% (wet)	Mole% or Volume% (dry)	
Carbon monoxide (CO_2)	44.01	0.1170	1.08	3.13%	3.41%	
Water (H_2O) from combustion	18.02	0.0476	2.08	6.04%	-	
Water (H_2O) in air	18.02	0.0476	0.68	1.99%	-	
Oxygen (O_2)	32.00	0.0846	-	-	-	@ 0% Excess O_2
Oxygen (O_2)	32.00	0.0846	4.74	13.79%	14.99%	Additional for 15% O_2 in dry exhaust gas.
Nitrogen (N_2)	28.01	0.0744	7.96	23.17%	25.19%	@ 0% Excess O_2
Nitrogen (N_2)	28.01	0.0744	17.82	51.88%	56.41%	Additional for 15% O_2 in dry exhaust gas.
Total (per mole fuel) Wet	28.26	0.0750	34.35	100.00%	100.00%	
Total (per mole fuel) Dry	29.15	0.0774	31.59			
Oxygen (O_2)	32.00		2.11	Needed for complete combustion, with no excess.		

Combustion Calculation: Duct Burners[a]

Combustion Products	MW (lb/lbmole)	Density (lb/cu ft)	Quantity (moles/ mole fuel)	Mole% or Volume% (wet)	Mole% or Volume% (dry)	
Carbon monoxide (CO_2)	44.01	0.1170	1.08	8.37%	10.21%	
Water (H_2O) from combustion	18.02	0.0476	2.08	16.14%	-	
Water (H_2O) in air	18.02	0.0476	0.24	1.89%	-	
Oxygen (O_2)	32.00	0.0846	-	-	-	@ 0% Excess O_2
Oxygen (O_2)	32.00	0.0846	0.32	2.46%	3.00%	Additional for 3% O_2 in dry exhaust gas.
Nitrogen (N_2)	28.01	0.0744	7.96	61.90%	75.51%	@ 0% Excess O_2
Nitrogen (N_2)	28.01	0.0744	1.19	9.25%	11.28%	Additional for 3% O_2 in dry exhaust gas.
Total (per mole fuel) Wet	28.26	0.0734	12.86	100.00%	100.00%	
Total (per mole fuel) Dry	29.15	0.0791	10.54			
Oxygen (O_2)	32.00		2.11	Needed for complete combustion, with no excess.		

a. *Steam: Its Generation and Use*, 38th Edition, Babcock & Wilcox, New York, NY. 1972. Chapter 6
All gas volumes corrected to 60^{0}F and 30 in. Hg dry, unless noted otherwise. 60 ^{o}F

LAX CUP-RP
New CUP Turbines

New CUP Turbines (per unit)

Gen Electric Power Output	4,600	kWe[b] per unit @ 59°F and 1 atm
Turbine Heat Rate	8,863	Btu/kWe-Hr[b] per unit @ 59°F and 1 atm
Fuel Consumption Heat Rate	40.77	MMBtu/Hr per unit = Power Output x Turbine Heat Rate (for NG HV between 800 and 1100 Btu/scf)
Fuel Consumption Heat Rate	40.77	MMBtu/Hr per unit = Power Output x Turbine Heat Rate (HHV)
Fuel Consumption Vol Rate	0.03811	MM cu ft / Hr per unit (HHV Basis) @ 60°F[c]
Stack Gas Exit Temp	300	°F[d].
Stack Gas Volumetric Rate	1.20	MM cu ft / Hr (dry) per unit @ 60°F
Stack Gas Volumetric Rate	1.31	MM cu ft / Hr (wet) per unit @ 60°F
Stack Gas Volumetric Rate	1.91	MM cu ft / Hr (wet) per unit @ 300°F
Stack Gas Mass Rate	98,173.64	lbs/hr, wet per unit
Annual Hours of Operation	8,760	hours/year per unit, design; provided by LAWA/HNTB (95% availability per unit)
Stack Diameter	1.000	Meters, estimated by CDM based on Draft Project Definition Document - CTA CUP Replacement, dated December 19, 2008.
Exit Velocity	19.16	m/s

b. Solar Turbines Inc., "Mercury 50 Recuperated Gas Turbine Generator Set",DSM50PG/1004/1M - EO/705, 2004.
c. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), June 8, 2009; re: Turbine and Duct Burner Emissions.
d. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), G. Wolffe (AECOM) & J. Pehrson (CDM), June 17, 2009; re: LAX CUP AQ Analysis.

New CUP HRSG Duct Burners (per unit)

Fuel Consumption Heat Rate	32.00	MMBtu/Hr per unit
Fuel Consumption Vol Rate	0.02991	MM cu ft / Hr per unit @ 60°F[e]
Stack Gas Volumetric Rate	0.315	MM cu ft / Hr (dry) per unit @ 60°F
Stack Gas Volumetric Rate	0.385	MM cu ft / Hr (wet) per unit @ 60°F
Stack Gas Volumetric Rate	0.562	MM cu ft / Hr (wet) per unit @ 300°F
Stack Gas Mass Rate	28,224.89	lbs/hr, wet per unit
Annual Hours of Operation	8,760	hours/year per unit, design; provided by LAWA/HNTB
Stack Diameter	1.000	Meters, estimated by CDM based on Draft Project Definition Document - CTA CUP Replacement, dated December 19, 2008.
Exit Velocity	5.63	m/s

e. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), June 8, 2009; re: Turbine and Duct Burner Emissions.

New CUP Combined Turbine & HRSG Duct Burner flows (per unit)

Fuel Consumption Vol Rate	0.0680	MM cu ft / Hr per unit @ 60°F
Stack Gas Volumetric Rate	1.52	MM cu ft / Hr (dry) per unit @ 60°F
Stack Gas Volumetric Rate	1.69	MM cu ft / Hr (wet) per unit @ 60°F
Stack Gas Volumetric Rate	2.22	MM cu ft / Hr (dry) per unit @ 300°F
Stack Gas Volumetric Rate	2.48	MM cu ft / Hr (wet) per unit @ 300°F
Stack Gas Mass Rate	118,091.93	lbs/hr, dry per unit
Stack Gas Mass Rate	126,398.53	lbs/hr, wet per unit
Stack Diameter	1.000	Meters, estimated by CDM based on Draft Project Definition Document - CTA CUP Replacement, dated December 19, 2008.
Exit Velocity	24.79	m/s

LAX CUP-RP
New CUP Turbines

Ammonia Slip Calculation:

Ideal Gas Molar Density	359	cu ft/lb-mole @ 32°F and 1 atm (14.7 psia)[f] =	379.4	cu ft/lb-mole @ 60°F and 1 atm (14.7 psia)
Ammonia MW	17.03	lb/(lb mole)[g]		
Ammonia Slip	5.00	ppmvd/unit[h]		
Ammonia Slip	7.60	cu ft/hr per unit @ 60°F		
Ammonia Slip	0.34	lb/hr of NH_3 per unit		
Ammonia Slip	2,986.76	lb/year per unit		
Ammonia Slip	5,973.52	lb/year total for two units		

MW[g]	Pollutant
46.006	NO_2
28.010	CO
16.043	CH_4
86.178	C_6H_{14}

f. E.I. Shaheen, *Basic Practice of Chemical Engineering*, Houghton Mifflin Co., Boston, MA. 1975. p. 29
g. R.C. Reid, J.M. Prausnitz, & B.E. Poling, *The Property of Gases & Liquids, 4th Edition*, McGraw-Hill Book Co., New York, NY. 1987. pp. 664-703
h. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), May 11, 2009; re: Turbine and Duct Burner Emissions.

LAX CUP-RP
New CUP Boilers

Assumed Natural Gas Composition:[a]

Compound	MW (lb/lbmole)	Density (lb/cu ft)	LHV (or Net HV) (Btu/cu ft)	LHV (or Net HV) (Btu/lb)	HHV (or Gross HV) (Btu/cu ft)	HHV (or Gross HV) (Btu/lb)	Mole% or Volume%	
Methane (CH_4)	16.04	0.0425	911	21,495	1,012	23,875	92.4%	Assumed
Ethane (C_2H_6)	30.07	0.0803	1,622	20,418	1,773	22,323	7.6%	Assumed
Natural Gas (estimated)	17.11	0.0454	965	21,413	1,070	23,757	100.0%	

Combustion Calculation:[a]

Combustion Products	MW (lb/lbmole)	Density (lb/cu ft)	Quantity (moles/ mole fuel)	Mole% or Volume% (wet)	Mole% or Volume% (dry)	
Carbon monoxide (CO_2)	44.01	0.1170	1.08	8.37%	10.21%	
Water (H_2O) from combustion	18.02	0.0476	2.08	16.14%	-	
Water (H_2O) in air	18.02	0.0476	0.24	1.89%	-	
Oxygen (O_2)	32.00	0.0846	-	-	-	@ 0% Excess O_2
Oxygen (O_2)	32.00	0.0846	0.32	2.46%	3.00%	Additional for 3% O_2 in dry exhaust gas.
Nitrogen (N_2)	28.01	0.0744	7.96	61.90%	75.51%	@ 0% Excess O_2
Nitrogen (N_2)	28.01	0.0744	1.19	9.25%	11.28%	Additional for 3% O_2 in dry exhaust gas.
Total (per mole fuel) Wet	27.65	0.0734	12.86	100.00%	100.00%	
Total (per mole fuel) Dry	29.76	0.0791	10.54			
Oxygen (O_2)	32.00		2.11	Needed for complete combustion, with no excess.		

a. *Steam: Its Generation and Use* , 38th Edition, Babcock & Wilcox, New York, NY. 1972. Chapter 6.
All gas volumes corrected to 60 ^{o}F and 30 in. Hg dry, unless noted otherwise. 60 ^{o}F

LAX CUP-RP
New CUP Boilers

New CUP Boilers (per unit, one operating at part load)

Fuel Consumption Heat Rate	40.00	MMBtu/Hr per unit
Fuel Consumption Vol Rate	0.0374	MM cu ft / Hr @ 60°F
Stack Gas Exit Temp	300	^{o}F[b].
Stack Gas Volumetric Rate	0.394	MM cu ft / Hr (dry) @ 60°F
Stack Gas Volumetric Rate	0.481	MM cu ft / Hr (wet) @ 60°F
Stack Gas Volumetric Rate	0.70	MM cu ft / Hr (wet) @ 300°F
Stack Gas Mass Rate	35,281.12	lbs/hr, wet
Annual Hours of Operation	-	hours/year per unit, design; provided by LAWA/HNTB
Annual Mass Rate	-	tons/year, wet
Annual Volumetric Rate	-	MM cu ft/year, wet
Stack Diameter	0.85	Meters, estimated by CDM on Preliminary PDD (December 2008)
Exit Velocity	9.66	m/s
Gas Mole Density	359	cu ft/lb-mole @ 32°F and 1 atm (14.7 psia)[c] = 379.4 cu ft/lb-mole @ 60°F and 1 atm (14.7 psia)
Ammonia MW	17.03	lb/(lb mole)[d]
Ammonia Slip	5.00	ppmvd/unit; assumed by CDM.
Ammonia Slip	1.97	cu ft/hr per unit @ 60°F
Ammonia Slip	0.09	lb/hr of NH_3 per unit
Ammonia Slip	-	lb/year/unit

b. Personal communication: Q. Guiseppe (Syska Hennessy) to A. Reed (AECOM), G. Wolffe (AECOM) & J. Pehrson (CDM), June 17, 2009; re: LAX CUP AQ Analysis.
c. E.I. Shaheen, *Basic Practice of Chemical Engineering* , Houghton Mifflin Co., Boston, MA. 1975. p. 29.
d. R.C. Reid, J.M. Prausnitz, & B.E. Poling, *The Property of Gases & Liquids, 4th Edition* , McGraw-Hill Book Co., New York, NY. 1987. p. 667.

Attachment 2

AERMOD Output Files for CUP-RP

Summary of LAX CUP Construction Impacts

	CO	CO	NO_2[1]	NO_2[2]
ug/m3	**1-hour**	**8-hour**	**1-hour**	**Annual**
Peak	0.5	0.1	143	12
# Exceedances	-	-	-	-
Background	3	3	186	29
Peak+Background	4	3	329	41
NAAQS	40	10	NA	100
CAAQS	23	10	339	57

	PM10	PM10	PM10	PM10	PM2.5	PM2.5
	24Hr-M	**24Hr-U**	**Annual - M**	**Annual - U**	**24Hr-M**	**24Hr-U**
Peak	15.2	31.7	1.7	3.3	5.7	9.3
# Exceedances	1	1	1	1	-	-
SCAQMD Threshold	10.4	10.4	1.0	1.0	10.4	10.4

[1] Adjusted using the SCAQMD NO2-Nox Ratio

[2] Assuming 100% conversion to NO_2

1-Hour NOx by Source Group

MAIN CUP BUILDING

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	643.81	0	0	1.8	1-HR	CUP	1ST	96021407
370,754	3,756,818	134.37	0	0	1.8	1-HR	CUP	1ST	96021407
370,764	3,757,087	97.42	0	0	1.8	1-HR	CUP	1ST	96092907
371,033	3,756,780	87.60	0	0	1.8	1-HR	CUP	1ST	96021407
371,031	3,756,807	85.80	0	0	1.8	1-HR	CUP	1ST	96021407
371,034	3,757,085	64.84	0	0	1.8	1-HR	CUP	1ST	96100807
371,035	3,757,133	64.42	0	0	1.8	1-HR	CUP	1ST	96100807
371,483	3,756,770	45.19	0	0	1.8	1-HR	CUP	1ST	96021407
369,498	3,755,268	44.85	0	0	1.8	1-HR	CUP	1ST	96012607
369,194	3,755,270	39.35	0	0	1.8	1-HR	CUP	1ST	96020707
371,122	3,757,584	37.51	0	0	1.8	1-HR	CUP	1ST	96092907
371,046	3,757,585	37.19	0	0	1.8	1-HR	CUP	1ST	96092907
369,409	3,757,730	34.23	0	0	1.8	1-HR	CUP	1ST	96020108
368,889	3,755,272	33.37	0	0	1.8	1-HR	CUP	1ST	96020707
369,787	3,755,267	32.89	0	0	1.8	1-HR	CUP	1ST	96012607
371,046	3,757,668	31.89	0	0	1.8	1-HR	CUP	1ST	96092907
371,514	3,757,136	31.85	0	0	1.8	1-HR	CUP	1ST	96022008
369,454	3,757,776	31.63	0	0	1.8	1-HR	CUP	1ST	96020108
371,817	3,756,763	31.06	0	0	1.8	1-HR	CUP	1ST	96021407
371,193	3,757,720	30.97	0	0	1.8	1-HR	CUP	1ST	96092907
370,298	3,757,963	30.82	0	0	1.8	1-HR	CUP	1ST	96032207
371,254	3,757,762	29.40	0	0	1.8	1-HR	CUP	1ST	96092907
369,850	3,758,078	29.14	0	0	1.8	1-HR	CUP	1ST	96032207
370,945	3,757,670	28.68	0	0	1.8	1-HR	CUP	1ST	96092907
371,264	3,757,783	28.65	0	0	1.8	1-HR	CUP	1ST	96092907
371,372	3,757,782	28.30	0	0	1.8	1-HR	CUP	1ST	96092907
371,399	3,757,806	27.46	0	0	1.8	1-HR	CUP	1ST	96092907
370,076	3,755,265	27.37	0	0	1.8	1-HR	CUP	1ST	96011009
369,080	3,757,864	27.29	0	0	1.8	1-HR	CUP	1ST	96020108
370,299	3,758,078	27.19	0	0	1.8	1-HR	CUP	1ST	96032207
369,224	3,757,952	26.36	0	0	1.8	1-HR	CUP	1ST	96020108
370,382	3,757,966	25.50	0	0	1.8	1-HR	CUP	1ST	96032207
369,017	3,757,954	25.08	0	0	1.8	1-HR	CUP	1ST	96020108
370,907	3,757,702	24.95	0	0	1.8	1-HR	CUP	1ST	96092907
369,265	3,757,997	24.72	0	0	1.8	1-HR	CUP	1ST	96020108
369,853	3,758,394	24.14	0	0	1.8	1-HR	CUP	1ST	96032207
372,002	3,757,140	23.95	0	0	1.8	1-HR	CUP	1ST	96021407
368,569	3,755,273	21.46	0	0	1.8	1-HR	CUP	1ST	96020707
370,885	3,757,751	20.89	0	0	1.8	1-HR	CUP	1ST	96092907
372,274	3,756,753	20.52	0	0	1.8	1-HR	CUP	1ST	96021407
371,970	3,757,842	20.43	0	0	1.8	1-HR	CUP	1ST	96100807
371,908	3,757,934	20.27	0	0	1.8	1-HR	CUP	1ST	96100807
368,770	3,757,799	19.93	0	0	1.8	1-HR	CUP	1ST	96020108
371,964	3,757,922	19.91	0	0	1.8	1-HR	CUP	1ST	96100807

1-Hour NOx by Source Group

MAIN CUP BUILDING

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
372,023	3,757,843	19.70	0	0	1.8	1-HR	CUP	1ST	96100807
371,798	3,758,080	19.49	0	0	1.8	1-HR	CUP	1ST	96092907
368,275	3,755,275	19.29	0	0	1.8	1-HR	CUP	1ST	96011508
370,380	3,755,263	19.00	0	0	1.8	1-HR	CUP	1ST	96030107
372,020	3,757,552	18.33	0	0	1.8	1-HR	CUP	1ST	96022008
370,996	3,755,560	17.99	0	0	1.8	1-HR	CUP	1ST	96100707
367,936	3,755,213	17.77	0	0	1.8	1-HR	CUP	1ST	96011508
367,114	3,756,056	17.60	0	0	1.8	1-HR	CUP	1ST	96030207
371,042	3,755,556	17.10	0	0	1.8	1-HR	CUP	1ST	96100707
366,985	3,756,358	16.73	0	0	1.8	1-HR	CUP	1ST	96020407
369,452	3,758,128	16.71	0	0	1.8	1-HR	CUP	1ST	96020108
370,510	3,758,027	16.24	0	0	1.8	1-HR	CUP	1ST	96032207
371,001	3,755,419	16.08	0	0	1.8	1-HR	CUP	1ST	96100707
366,876	3,756,760	15.79	0	0	1.8	1-HR	CUP	1ST	96012907
366,902	3,756,692	15.75	0	0	1.8	1-HR	CUP	1ST	96012907
370,506	3,758,088	15.70	0	0	1.8	1-HR	CUP	1ST	96032207
367,301	3,755,623	15.59	0	0	1.8	1-HR	CUP	1ST	96021607
366,813	3,756,739	15.37	0	0	1.8	1-HR	CUP	1ST	96012907
366,853	3,756,663	15.28	0	0	1.8	1-HR	CUP	1ST	96020407
371,043	3,755,384	15.25	0	0	1.8	1-HR	CUP	1ST	96100707
367,484	3,755,199	15.21	0	0	1.8	1-HR	CUP	1ST	96011508
368,603	3,757,765	15.17	0	0	1.8	1-HR	CUP	1ST	96020108
367,769	3,757,644	14.90	0	0	1.8	1-HR	CUP	1ST	96020207
372,713	3,756,743	14.81	0	0	1.8	1-HR	CUP	1ST	96021407
371,056	3,755,349	14.74	0	0	1.8	1-HR	CUP	1ST	96100707
368,604	3,757,719	14.44	0	0	1.8	1-HR	CUP	1ST	96020108
367,609	3,757,677	14.03	0	0	1.8	1-HR	CUP	1ST	96020207
366,677	3,757,025	13.88	0	0	1.8	1-HR	CUP	1ST	96012907
367,775	3,757,719	13.72	0	0	1.8	1-HR	CUP	1ST	96020207
370,801	3,755,276	13.52	0	0	1.8	1-HR	CUP	1ST	96100707
367,413	3,757,695	13.30	0	0	1.8	1-HR	CUP	1ST	96020207
370,886	3,758,089	13.13	0	0	1.8	1-HR	CUP	1ST	96040807
371,049	3,755,196	13.03	0	0	1.8	1-HR	CUP	1ST	96100707
367,291	3,757,694	12.91	0	0	1.8	1-HR	CUP	1ST	96020207
367,410	3,757,736	12.85	0	0	1.8	1-HR	CUP	1ST	96020207
369,460	3,758,394	12.57	0	0	1.8	1-HR	CUP	1ST	96032207
370,667	3,755,262	12.37	0	0	1.8	1-HR	CUP	1ST	96030107
367,518	3,757,796	12.32	0	0	1.8	1-HR	CUP	1ST	96020207
367,539	3,757,802	12.25	0	0	1.8	1-HR	CUP	1ST	96020207
367,174	3,757,740	12.21	0	0	1.8	1-HR	CUP	1ST	96020207
366,999	3,757,642	12.07	0	0	1.8	1-HR	CUP	1ST	96020207
368,309	3,757,762	11.83	0	0	1.8	1-HR	CUP	1ST	96020207
367,809	3,757,835	11.70	0	0	1.8	1-HR	CUP	1ST	96020207
368,233	3,757,790	11.44	0	0	1.8	1-HR	CUP	1ST	96020207

1-Hour NOx by Source Group									
MAIN CUP BUILDING									
* AERMOD (07026): LAX CUP CONSTRUCTION HRA									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
372,703	3,756,553	11.39	0	0	1.8	1-HR	CUP	1ST	96021407
366,777	3,757,520	11.18	0	0	1.8	1-HR	CUP	1ST	96020207
368,109	3,757,840	10.79	0	0	1.8	1-HR	CUP	1ST	96020207
372,819	3,756,549	10.57	0	0	1.8	1-HR	CUP	1ST	96021407
366,644	3,757,531	10.56	0	0	1.8	1-HR	CUP	1ST	96020207
366,536	3,757,322	10.40	0	0	1.8	1-HR	CUP	1ST	96012907
366,624	3,757,468	10.31	0	0	1.8	1-HR	CUP	1ST	96020207
366,487	3,757,537	9.89	0	0	1.8	1-HR	CUP	1ST	96020207
367,807	3,757,936	9.87	0	0	1.8	1-HR	CUP	1ST	96020207
366,437	3,757,531	9.68	0	0	1.8	1-HR	CUP	1ST	96020207
367,905	3,757,930	9.67	0	0	1.8	1-HR	CUP	1ST	96020207
367,775	3,757,959	9.56	0	0	1.8	1-HR	CUP	1ST	96020207
371,463	3,755,192	9.36	0	0	1.8	1-HR	CUP	1ST	96100707
367,914	3,757,962	9.05	0	0	1.8	1-HR	CUP	1ST	96020207
372,814	3,756,455	8.88	0	0	1.8	1-HR	CUP	1ST	96021407
367,798	3,758,011	8.58	0	0	1.8	1-HR	CUP	1ST	96020207
372,705	3,756,372	7.80	0	0	1.8	1-HR	CUP	1ST	96021407
372,797	3,756,368	7.38	0	0	1.8	1-HR	CUP	1ST	96021407
372,706	3,756,327	6.93	0	0	1.8	1-HR	CUP	1ST	96021407
372,238	3,755,186	6.59	0	0	1.8	1-HR	CUP	1ST	96010208
372,624	3,755,182	6.57	0	0	1.8	1-HR	CUP	1ST	96010208
372,725	3,755,177	6.45	0	0	1.8	1-HR	CUP	1ST	96010208
372,927	3,756,319	6.15	0	0	1.8	1-HR	CUP	1ST	96021407
373,054	3,755,563	6.06	0	0	1.8	1-HR	CUP	1ST	96010208
373,046	3,755,174	5.94	0	0	1.8	1-HR	CUP	1ST	96010208
373,131	3,755,567	5.75	0	0	1.8	1-HR	CUP	1ST	96010208
371,843	3,755,189	5.61	0	0	1.8	1-HR	CUP	1ST	96010208
373,222	3,755,569	5.43	0	0	1.8	1-HR	CUP	1ST	96010208
373,135	3,755,704	5.40	0	0	1.8	1-HR	CUP	1ST	96010208
373,219	3,755,705	5.06	0	0	1.8	1-HR	CUP	1ST	96010208
372,926	3,756,245	5.05	0	0	1.8	1-HR	CUP	1ST	96021407
373,448	3,755,560	4.73	0	0	1.8	1-HR	CUP	1ST	96010208
373,457	3,756,236	4.07	0	0	1.8	1-HR	CUP	1ST	96021407

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	59.78	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,754	3,756,818	15.98	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,764	3,757,087	10.76	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,033	3,756,780	9.99	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,031	3,756,807	9.43	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,034	3,757,085	7.98	0	0	1.8	1-HR	ECOOL	1ST	96100807
371,035	3,757,133	7.67	0	0	1.8	1-HR	ECOOL	1ST	96100807
369,498	3,755,268	6.03	0	0	1.8	1-HR	ECOOL	1ST	96012607
371,483	3,756,770	5.70	0	0	1.8	1-HR	ECOOL	1ST	96021407
369,194	3,755,270	5.26	0	0	1.8	1-HR	ECOOL	1ST	96020707
369,787	3,755,267	4.83	0	0	1.8	1-HR	ECOOL	1ST	96012607
371,122	3,757,584	4.20	0	0	1.8	1-HR	ECOOL	1ST	96092907
368,889	3,755,272	4.10	0	0	1.8	1-HR	ECOOL	1ST	96020707
371,046	3,757,585	4.05	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,817	3,756,763	4.03	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,514	3,757,136	3.89	0	0	1.8	1-HR	ECOOL	1ST	96022008
369,409	3,757,730	3.87	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,076	3,755,265	3.74	0	0	1.8	1-HR	ECOOL	1ST	96011009
370,298	3,757,963	3.58	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,454	3,757,776	3.50	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,193	3,757,720	3.46	0	0	1.8	1-HR	ECOOL	1ST	96092907
369,850	3,758,078	3.45	0	0	1.8	1-HR	ECOOL	1ST	96032207
371,046	3,757,668	3.44	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,254	3,757,762	3.31	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,372	3,757,782	3.28	0	0	1.8	1-HR	ECOOL	1ST	96092907
369,080	3,757,864	3.25	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,264	3,757,783	3.22	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,399	3,757,806	3.19	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,299	3,758,078	3.14	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,224	3,757,952	3.03	0	0	1.8	1-HR	ECOOL	1ST	96020108
369,017	3,757,954	2.99	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,945	3,757,670	2.97	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,382	3,757,966	2.94	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,853	3,758,394	2.87	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,265	3,757,997	2.79	0	0	1.8	1-HR	ECOOL	1ST	96020108
372,274	3,756,753	2.72	0	0	1.8	1-HR	ECOOL	1ST	96021407
372,002	3,757,140	2.70	0	0	1.8	1-HR	ECOOL	1ST	96021407
368,275	3,755,275	2.60	0	0	1.8	1-HR	ECOOL	1ST	96011508
370,907	3,757,702	2.55	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,380	3,755,263	2.55	0	0	1.8	1-HR	ECOOL	1ST	96030107
368,770	3,757,799	2.54	0	0	1.8	1-HR	ECOOL	1ST	96020108
368,569	3,755,273	2.52	0	0	1.8	1-HR	ECOOL	1ST	96011508
371,970	3,757,842	2.49	0	0	1.8	1-HR	ECOOL	1ST	96100807
372,023	3,757,843	2.42	0	0	1.8	1-HR	ECOOL	1ST	96100807

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
371,908	3,757,934	2.40	0	0	1.8	1-HR	ECOOL	1ST	96100807
371,964	3,757,922	2.40	0	0	1.8	1-HR	ECOOL	1ST	96100807
372,020	3,757,552	2.37	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,996	3,755,560	2.36	0	0	1.8	1-HR	ECOOL	1ST	96100707
371,798	3,758,080	2.35	0	0	1.8	1-HR	ECOOL	1ST	96092907
367,936	3,755,213	2.32	0	0	1.8	1-HR	ECOOL	1ST	96011508
371,042	3,755,556	2.22	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,114	3,756,056	2.19	0	0	1.8	1-HR	ECOOL	1ST	96030207
371,001	3,755,419	2.14	0	0	1.8	1-HR	ECOOL	1ST	96100707
366,985	3,756,358	2.11	0	0	1.8	1-HR	ECOOL	1ST	96020407
370,885	3,757,751	2.09	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,043	3,755,384	2.02	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,301	3,755,623	2.01	0	0	1.8	1-HR	ECOOL	1ST	96021607
368,603	3,757,765	2.01	0	0	1.8	1-HR	ECOOL	1ST	96020108
366,902	3,756,692	1.99	0	0	1.8	1-HR	ECOOL	1ST	96012907
372,713	3,756,743	1.98	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,876	3,756,760	1.97	0	0	1.8	1-HR	ECOOL	1ST	96012907
371,056	3,755,349	1.95	0	0	1.8	1-HR	ECOOL	1ST	96100707
370,510	3,758,027	1.95	0	0	1.8	1-HR	ECOOL	1ST	96032207
366,853	3,756,663	1.94	0	0	1.8	1-HR	ECOOL	1ST	96012907
368,604	3,757,719	1.93	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,506	3,758,088	1.92	0	0	1.8	1-HR	ECOOL	1ST	96032207
366,813	3,756,739	1.92	0	0	1.8	1-HR	ECOOL	1ST	96012907
367,484	3,755,199	1.89	0	0	1.8	1-HR	ECOOL	1ST	96011508
370,801	3,755,276	1.87	0	0	1.8	1-HR	ECOOL	1ST	96100707
369,452	3,758,128	1.79	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,049	3,755,196	1.74	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,769	3,757,644	1.71	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,677	3,757,025	1.65	0	0	1.8	1-HR	ECOOL	1ST	96012907
370,667	3,755,262	1.64	0	0	1.8	1-HR	ECOOL	1ST	96030107
367,609	3,757,677	1.63	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,703	3,756,553	1.61	0	0	1.8	1-HR	ECOOL	1ST	96021407
369,460	3,758,394	1.60	0	0	1.8	1-HR	ECOOL	1ST	96032207
367,775	3,757,719	1.56	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,413	3,757,695	1.56	0	0	1.8	1-HR	ECOOL	1ST	96020207
370,886	3,758,089	1.56	0	0	1.8	1-HR	ECOOL	1ST	96040807
367,291	3,757,694	1.52	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,410	3,757,736	1.51	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,819	3,756,549	1.49	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,999	3,757,642	1.47	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,174	3,757,740	1.44	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,518	3,757,796	1.41	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,777	3,757,520	1.40	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,539	3,757,802	1.39	0	0	1.8	1-HR	ECOOL	1ST	96020207

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
366,644	3,757,531	1.32	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,624	3,757,468	1.31	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,809	3,757,835	1.30	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,814	3,756,455	1.28	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,487	3,757,537	1.25	0	0	1.8	1-HR	ECOOL	1ST	96020207
368,309	3,757,762	1.24	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,437	3,757,531	1.23	0	0	1.8	1-HR	ECOOL	1ST	96020207
368,233	3,757,790	1.20	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,536	3,757,322	1.19	0	0	1.8	1-HR	ECOOL	1ST	96012907
371,463	3,755,192	1.17	0	0	1.8	1-HR	ECOOL	1ST	96100707
372,705	3,756,372	1.15	0	0	1.8	1-HR	ECOOL	1ST	96021407
368,109	3,757,840	1.15	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,797	3,756,368	1.09	0	0	1.8	1-HR	ECOOL	1ST	96021407
367,807	3,757,936	1.06	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,905	3,757,930	1.04	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,706	3,756,327	1.04	0	0	1.8	1-HR	ECOOL	1ST	96021407
367,775	3,757,959	1.04	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,914	3,757,962	0.97	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,798	3,758,011	0.92	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,927	3,756,319	0.92	0	0	1.8	1-HR	ECOOL	1ST	96021407
372,238	3,755,186	0.89	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,624	3,755,182	0.86	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,725	3,755,177	0.84	0	0	1.8	1-HR	ECOOL	1ST	96010208
371,843	3,755,189	0.80	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,926	3,756,245	0.76	0	0	1.8	1-HR	ECOOL	1ST	96021407
373,046	3,755,174	0.76	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,054	3,755,563	0.74	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,131	3,755,567	0.70	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,222	3,755,569	0.66	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,135	3,755,704	0.64	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,457	3,756,236	0.60	0	0	1.8	1-HR	ECOOL	1ST	96021407
373,219	3,755,705	0.60	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,448	3,755,560	0.56	0	0	1.8	1-HR	ECOOL	1ST	96010208

1-Hour NOx by Source Group

STAGING AREA 1

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	21.23	0	0	1.8	1-HR	STAGE1	1ST	96021407
370,754	3,756,818	9.84	0	0	1.8	1-HR	STAGE1	1ST	96021407
370,764	3,757,087	7.34	0	0	1.8	1-HR	STAGE1	1ST	96100807
371,031	3,756,807	6.09	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,033	3,756,780	6.05	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,034	3,757,085	4.31	0	0	1.8	1-HR	STAGE1	1ST	96022008
371,035	3,757,133	4.25	0	0	1.8	1-HR	STAGE1	1ST	96100807
369,194	3,755,270	3.69	0	0	1.8	1-HR	STAGE1	1ST	96012607
369,498	3,755,268	3.48	0	0	1.8	1-HR	STAGE1	1ST	96012607
371,046	3,757,585	3.37	0	0	1.8	1-HR	STAGE1	1ST	96092907
371,483	3,756,770	3.28	0	0	1.8	1-HR	STAGE1	1ST	96021407
368,889	3,755,272	3.26	0	0	1.8	1-HR	STAGE1	1ST	96020707
371,122	3,757,584	3.19	0	0	1.8	1-HR	STAGE1	1ST	96092907
371,046	3,757,668	3.08	0	0	1.8	1-HR	STAGE1	1ST	96092907
370,945	3,757,670	3.06	0	0	1.8	1-HR	STAGE1	1ST	96092907
369,409	3,757,730	3.05	0	0	1.8	1-HR	STAGE1	1ST	96020108
369,850	3,758,078	3.04	0	0	1.8	1-HR	STAGE1	1ST	96032207
370,907	3,757,702	2.84	0	0	1.8	1-HR	STAGE1	1ST	96092907
371,193	3,757,720	2.76	0	0	1.8	1-HR	STAGE1	1ST	96092907
369,454	3,757,776	2.68	0	0	1.8	1-HR	STAGE1	1ST	96020108
369,080	3,757,864	2.65	0	0	1.8	1-HR	STAGE1	1ST	96020108
371,514	3,757,136	2.64	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,254	3,757,762	2.59	0	0	1.8	1-HR	STAGE1	1ST	96092907
371,264	3,757,783	2.54	0	0	1.8	1-HR	STAGE1	1ST	96092907
370,885	3,757,751	2.53	0	0	1.8	1-HR	STAGE1	1ST	96092907
369,787	3,755,267	2.51	0	0	1.8	1-HR	STAGE1	1ST	96011009
368,569	3,755,273	2.42	0	0	1.8	1-HR	STAGE1	1ST	96020707
369,017	3,757,954	2.40	0	0	1.8	1-HR	STAGE1	1ST	96020108
371,372	3,757,782	2.36	0	0	1.8	1-HR	STAGE1	1ST	96092907
369,224	3,757,952	2.34	0	0	1.8	1-HR	STAGE1	1ST	96020108
369,853	3,758,394	2.33	0	0	1.8	1-HR	STAGE1	1ST	96032207
371,817	3,756,763	2.31	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,399	3,757,806	2.29	0	0	1.8	1-HR	STAGE1	1ST	96092907
369,265	3,757,997	2.12	0	0	1.8	1-HR	STAGE1	1ST	96020108
368,770	3,757,799	2.10	0	0	1.8	1-HR	STAGE1	1ST	96020108
372,002	3,757,140	2.04	0	0	1.8	1-HR	STAGE1	1ST	96021407
370,298	3,757,963	1.98	0	0	1.8	1-HR	STAGE1	1ST	96032207
370,076	3,755,265	1.87	0	0	1.8	1-HR	STAGE1	1ST	96011009
370,299	3,758,078	1.77	0	0	1.8	1-HR	STAGE1	1ST	96032207
371,908	3,757,934	1.69	0	0	1.8	1-HR	STAGE1	1ST	96100807
367,114	3,756,056	1.64	0	0	1.8	1-HR	STAGE1	1ST	96030207
371,798	3,758,080	1.64	0	0	1.8	1-HR	STAGE1	1ST	96100807
368,603	3,757,765	1.64	0	0	1.8	1-HR	STAGE1	1ST	96020108
371,964	3,757,922	1.63	0	0	1.8	1-HR	STAGE1	1ST	96100807

1-Hour NOx by Source Group

STAGING AREA 1

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
371,970	3,757,842	1.62	0	0	1.8	1-HR	STAGE1	1ST	96100807
368,275	3,755,275	1.59	0	0	1.8	1-HR	STAGE1	1ST	96011508
368,604	3,757,719	1.58	0	0	1.8	1-HR	STAGE1	1ST	96020108
372,274	3,756,753	1.56	0	0	1.8	1-HR	STAGE1	1ST	96021407
367,936	3,755,213	1.54	0	0	1.8	1-HR	STAGE1	1ST	96011508
366,985	3,756,358	1.54	0	0	1.8	1-HR	STAGE1	1ST	96020407
372,023	3,757,843	1.54	0	0	1.8	1-HR	STAGE1	1ST	96100807
369,460	3,758,394	1.54	0	0	1.8	1-HR	STAGE1	1ST	96032207
372,020	3,757,552	1.52	0	0	1.8	1-HR	STAGE1	1ST	96022008
369,452	3,758,128	1.51	0	0	1.8	1-HR	STAGE1	1ST	96032207
366,876	3,756,760	1.48	0	0	1.8	1-HR	STAGE1	1ST	96012907
366,902	3,756,692	1.47	0	0	1.8	1-HR	STAGE1	1ST	96020407
366,853	3,756,663	1.45	0	0	1.8	1-HR	STAGE1	1ST	96020407
370,382	3,757,966	1.43	0	0	1.8	1-HR	STAGE1	1ST	96032207
366,813	3,756,739	1.43	0	0	1.8	1-HR	STAGE1	1ST	96012907
367,484	3,755,199	1.41	0	0	1.8	1-HR	STAGE1	1ST	96011508
370,380	3,755,263	1.40	0	0	1.8	1-HR	STAGE1	1ST	96030107
367,769	3,757,644	1.40	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,301	3,755,623	1.38	0	0	1.8	1-HR	STAGE1	1ST	96021607
370,510	3,758,027	1.33	0	0	1.8	1-HR	STAGE1	1ST	96040807
370,996	3,755,560	1.32	0	0	1.8	1-HR	STAGE1	1ST	96100707
367,609	3,757,677	1.32	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,677	3,757,025	1.31	0	0	1.8	1-HR	STAGE1	1ST	96012907
367,775	3,757,719	1.27	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,413	3,757,695	1.25	0	0	1.8	1-HR	STAGE1	1ST	96020207
371,001	3,755,419	1.24	0	0	1.8	1-HR	STAGE1	1ST	96100707
370,506	3,758,088	1.24	0	0	1.8	1-HR	STAGE1	1ST	96040807
371,042	3,755,556	1.23	0	0	1.8	1-HR	STAGE1	1ST	96100707
370,801	3,755,276	1.22	0	0	1.8	1-HR	STAGE1	1ST	96100707
367,291	3,757,694	1.21	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,410	3,757,736	1.20	0	0	1.8	1-HR	STAGE1	1ST	96020207
371,043	3,755,384	1.18	0	0	1.8	1-HR	STAGE1	1ST	96100707
370,886	3,758,089	1.16	0	0	1.8	1-HR	STAGE1	1ST	96092907
367,518	3,757,796	1.15	0	0	1.8	1-HR	STAGE1	1ST	96020207
371,056	3,755,349	1.14	0	0	1.8	1-HR	STAGE1	1ST	96100707
372,713	3,756,743	1.14	0	0	1.8	1-HR	STAGE1	1ST	96021407
367,174	3,757,740	1.14	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,539	3,757,802	1.14	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,999	3,757,642	1.13	0	0	1.8	1-HR	STAGE1	1ST	96020207
370,667	3,755,262	1.13	0	0	1.8	1-HR	STAGE1	1ST	96100707
367,809	3,757,835	1.07	0	0	1.8	1-HR	STAGE1	1ST	96020207
371,049	3,755,196	1.06	0	0	1.8	1-HR	STAGE1	1ST	96100707
368,309	3,757,762	1.06	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,777	3,757,520	1.05	0	0	1.8	1-HR	STAGE1	1ST	96020207

1-Hour NOx by Source Group

STAGING AREA 1

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
368,233	3,757,790	1.02	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,536	3,757,322	0.99	0	0	1.8	1-HR	STAGE1	1ST	96012907
366,644	3,757,531	0.99	0	0	1.8	1-HR	STAGE1	1ST	96020207
368,109	3,757,840	0.97	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,624	3,757,468	0.96	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,487	3,757,537	0.92	0	0	1.8	1-HR	STAGE1	1ST	96020207
366,437	3,757,531	0.90	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,807	3,757,936	0.89	0	0	1.8	1-HR	STAGE1	1ST	96020207
372,703	3,756,553	0.88	0	0	1.8	1-HR	STAGE1	1ST	96021407
367,905	3,757,930	0.87	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,775	3,757,959	0.86	0	0	1.8	1-HR	STAGE1	1ST	96020207
372,819	3,756,549	0.81	0	0	1.8	1-HR	STAGE1	1ST	96021407
367,914	3,757,962	0.81	0	0	1.8	1-HR	STAGE1	1ST	96020207
367,798	3,758,011	0.76	0	0	1.8	1-HR	STAGE1	1ST	96020207
372,814	3,756,455	0.68	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,463	3,755,192	0.68	0	0	1.8	1-HR	STAGE1	1ST	96100707
372,705	3,756,372	0.58	0	0	1.8	1-HR	STAGE1	1ST	96021407
372,238	3,755,186	0.57	0	0	1.8	1-HR	STAGE1	1ST	96010208
372,624	3,755,182	0.56	0	0	1.8	1-HR	STAGE1	1ST	96010208
372,797	3,756,368	0.55	0	0	1.8	1-HR	STAGE1	1ST	96021407
372,725	3,755,177	0.54	0	0	1.8	1-HR	STAGE1	1ST	96010208
372,706	3,756,327	0.52	0	0	1.8	1-HR	STAGE1	1ST	96021407
371,843	3,755,189	0.51	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,046	3,755,174	0.49	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,054	3,755,563	0.49	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,131	3,755,567	0.47	0	0	1.8	1-HR	STAGE1	1ST	96010208
372,927	3,756,319	0.47	0	0	1.8	1-HR	STAGE1	1ST	96021407
373,222	3,755,569	0.44	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,135	3,755,704	0.44	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,219	3,755,705	0.41	0	0	1.8	1-HR	STAGE1	1ST	96010208
373,448	3,755,560	0.39	0	0	1.8	1-HR	STAGE1	1ST	96010208
372,926	3,756,245	0.38	0	0	1.8	1-HR	STAGE1	1ST	96021407
373,457	3,756,236	0.31	0	0	1.8	1-HR	STAGE1	1ST	96021407

1-Hour NOx by Source Group

STAGING AREA 2

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	21.00	0	0	1.8	1-HR	STAGE2	1ST	96021407
370,754	3,756,818	6.94	0	0	1.8	1-HR	STAGE2	1ST	96022008
370,764	3,757,087	5.96	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,033	3,756,780	5.33	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,031	3,756,807	5.14	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,035	3,757,133	4.10	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,034	3,757,085	4.08	0	0	1.8	1-HR	STAGE2	1ST	96100807
369,498	3,755,268	3.76	0	0	1.8	1-HR	STAGE2	1ST	96012607
369,194	3,755,270	3.46	0	0	1.8	1-HR	STAGE2	1ST	96012607
371,483	3,756,770	3.15	0	0	1.8	1-HR	STAGE2	1ST	96021407
368,889	3,755,272	3.06	0	0	1.8	1-HR	STAGE2	1ST	96020707
371,046	3,757,585	2.71	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,122	3,757,584	2.67	0	0	1.8	1-HR	STAGE2	1ST	96092907
369,787	3,755,267	2.52	0	0	1.8	1-HR	STAGE2	1ST	96011009
369,850	3,758,078	2.49	0	0	1.8	1-HR	STAGE2	1ST	96032207
371,046	3,757,668	2.40	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,817	3,756,763	2.28	0	0	1.8	1-HR	STAGE2	1ST	96021407
369,409	3,757,730	2.28	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,945	3,757,670	2.27	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,193	3,757,720	2.27	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,514	3,757,136	2.20	0	0	1.8	1-HR	STAGE2	1ST	96022008
369,080	3,757,864	2.16	0	0	1.8	1-HR	STAGE2	1ST	96020108
371,254	3,757,762	2.15	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,264	3,757,783	2.10	0	0	1.8	1-HR	STAGE2	1ST	96092907
370,907	3,757,702	2.05	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,372	3,757,782	2.03	0	0	1.8	1-HR	STAGE2	1ST	96092907
368,569	3,755,273	2.01	0	0	1.8	1-HR	STAGE2	1ST	96020707
370,076	3,755,265	1.99	0	0	1.8	1-HR	STAGE2	1ST	96011009
371,399	3,757,806	1.98	0	0	1.8	1-HR	STAGE2	1ST	96092907
369,017	3,757,954	1.96	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,454	3,757,776	1.95	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,853	3,758,394	1.94	0	0	1.8	1-HR	STAGE2	1ST	96032207
368,770	3,757,799	1.90	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,224	3,757,952	1.80	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,885	3,757,751	1.79	0	0	1.8	1-HR	STAGE2	1ST	96092907
368,275	3,755,275	1.68	0	0	1.8	1-HR	STAGE2	1ST	96011508
370,298	3,757,963	1.66	0	0	1.8	1-HR	STAGE2	1ST	96032207
372,002	3,757,140	1.65	0	0	1.8	1-HR	STAGE2	1ST	96021407
369,265	3,757,997	1.61	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,274	3,756,753	1.57	0	0	1.8	1-HR	STAGE2	1ST	96021407
368,603	3,757,765	1.56	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,936	3,755,213	1.53	0	0	1.8	1-HR	STAGE2	1ST	96011508
368,604	3,757,719	1.52	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,114	3,756,056	1.50	0	0	1.8	1-HR	STAGE2	1ST	96030207

1-Hour NOx by Source Group

STAGING AREA 2

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,299	3,758,078	1.49	0	0	1.8	1-HR	STAGE2	1ST	96032207
371,908	3,757,934	1.48	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,970	3,757,842	1.48	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,964	3,757,922	1.45	0	0	1.8	1-HR	STAGE2	1ST	96100807
366,985	3,756,358	1.44	0	0	1.8	1-HR	STAGE2	1ST	96020407
372,023	3,757,843	1.42	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,798	3,758,080	1.42	0	0	1.8	1-HR	STAGE2	1ST	96092907
370,380	3,755,263	1.42	0	0	1.8	1-HR	STAGE2	1ST	96030107
366,902	3,756,692	1.35	0	0	1.8	1-HR	STAGE2	1ST	96012907
367,301	3,755,623	1.35	0	0	1.8	1-HR	STAGE2	1ST	96021607
369,452	3,758,128	1.35	0	0	1.8	1-HR	STAGE2	1ST	96032207
369,460	3,758,394	1.35	0	0	1.8	1-HR	STAGE2	1ST	96032207
366,876	3,756,760	1.34	0	0	1.8	1-HR	STAGE2	1ST	96012907
366,853	3,756,663	1.32	0	0	1.8	1-HR	STAGE2	1ST	96012907
372,020	3,757,552	1.32	0	0	1.8	1-HR	STAGE2	1ST	96022008
366,813	3,756,739	1.30	0	0	1.8	1-HR	STAGE2	1ST	96012907
367,484	3,755,199	1.30	0	0	1.8	1-HR	STAGE2	1ST	96011508
370,382	3,757,966	1.26	0	0	1.8	1-HR	STAGE2	1ST	96032207
370,996	3,755,560	1.24	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,801	3,755,276	1.23	0	0	1.8	1-HR	STAGE2	1ST	96100707
371,001	3,755,419	1.19	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,667	3,755,262	1.18	0	0	1.8	1-HR	STAGE2	1ST	96100707
372,713	3,756,743	1.16	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,042	3,755,556	1.14	0	0	1.8	1-HR	STAGE2	1ST	96100707
371,043	3,755,384	1.12	0	0	1.8	1-HR	STAGE2	1ST	96100707
367,769	3,757,644	1.11	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,677	3,757,025	1.11	0	0	1.8	1-HR	STAGE2	1ST	96012907
371,056	3,755,349	1.09	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,510	3,758,027	1.06	0	0	1.8	1-HR	STAGE2	1ST	96040807
367,609	3,757,677	1.05	0	0	1.8	1-HR	STAGE2	1ST	96020207
371,049	3,755,196	1.03	0	0	1.8	1-HR	STAGE2	1ST	96100707
367,413	3,757,695	1.02	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,291	3,757,694	1.00	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,309	3,757,762	1.00	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,775	3,757,719	0.99	0	0	1.8	1-HR	STAGE2	1ST	96020207
370,506	3,758,088	0.99	0	0	1.8	1-HR	STAGE2	1ST	96040807
366,999	3,757,642	0.98	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,410	3,757,736	0.98	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,703	3,756,553	0.95	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,174	3,757,740	0.95	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,777	3,757,520	0.94	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,233	3,757,790	0.92	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,886	3,758,089	0.91	0	0	1.8	1-HR	STAGE2	1ST	96040807
367,518	3,757,796	0.90	0	0	1.8	1-HR	STAGE2	1ST	96020207

1-Hour NOx by Source Group

STAGING AREA 2

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
367,539	3,757,802	0.90	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,644	3,757,531	0.90	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,624	3,757,468	0.89	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,819	3,756,549	0.88	0	0	1.8	1-HR	STAGE2	1ST	96021407
366,487	3,757,537	0.85	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,437	3,757,531	0.83	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,536	3,757,322	0.82	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,109	3,757,840	0.80	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,809	3,757,835	0.80	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,814	3,756,455	0.76	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,914	3,757,962	0.68	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,705	3,756,372	0.68	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,807	3,757,936	0.65	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,905	3,757,930	0.65	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,797	3,756,368	0.64	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,775	3,757,959	0.63	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,706	3,756,327	0.62	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,798	3,758,011	0.61	0	0	1.8	1-HR	STAGE2	1ST	96020108
371,463	3,755,192	0.60	0	0	1.8	1-HR	STAGE2	1ST	96100707
372,238	3,755,186	0.58	0	0	1.8	1-HR	STAGE2	1ST	96010208
371,843	3,755,189	0.55	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,927	3,756,319	0.55	0	0	1.8	1-HR	STAGE2	1ST	96021407
372,624	3,755,182	0.54	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,725	3,755,177	0.52	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,926	3,756,245	0.46	0	0	1.8	1-HR	STAGE2	1ST	96021407
373,046	3,755,174	0.46	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,054	3,755,563	0.43	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,131	3,755,567	0.41	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,222	3,755,569	0.38	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,135	3,755,704	0.37	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,457	3,756,236	0.36	0	0	1.8	1-HR	STAGE2	1ST	96021407
373,219	3,755,705	0.35	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,448	3,755,560	0.33	0	0	1.8	1-HR	STAGE2	1ST	96010208

1-Hour NOx by Source Group

STAGING AREA 3

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	101.84	0	0	1.8	1-HR	STAGE3	1ST	96020108
370,754	3,756,818	17.65	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,033	3,756,780	8.18	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,031	3,756,807	7.46	0	0	1.8	1-HR	STAGE3	1ST	96022008
371,034	3,757,085	5.94	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,035	3,757,133	5.53	0	0	1.8	1-HR	STAGE3	1ST	96092907
370,764	3,757,087	5.35	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,483	3,756,770	4.22	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,787	3,755,267	3.27	0	0	1.8	1-HR	STAGE3	1ST	96012607
371,514	3,757,136	2.89	0	0	1.8	1-HR	STAGE3	1ST	96100807
369,498	3,755,268	2.88	0	0	1.8	1-HR	STAGE3	1ST	96020707
371,817	3,756,763	2.81	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,194	3,755,270	2.53	0	0	1.8	1-HR	STAGE3	1ST	96020707
370,298	3,757,963	2.49	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,382	3,757,966	2.41	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,299	3,758,078	2.23	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,076	3,755,265	2.17	0	0	1.8	1-HR	STAGE3	1ST	96012607
369,409	3,757,730	2.12	0	0	1.8	1-HR	STAGE3	1ST	96020108
369,454	3,757,776	2.09	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,122	3,757,584	2.04	0	0	1.8	1-HR	STAGE3	1ST	96092907
370,510	3,758,027	1.93	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,380	3,755,263	1.84	0	0	1.8	1-HR	STAGE3	1ST	96011009
370,506	3,758,088	1.83	0	0	1.8	1-HR	STAGE3	1ST	96032207
372,274	3,756,753	1.80	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,046	3,757,585	1.76	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,372	3,757,782	1.75	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,399	3,757,806	1.71	0	0	1.8	1-HR	STAGE3	1ST	96092907
372,002	3,757,140	1.69	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,224	3,757,952	1.69	0	0	1.8	1-HR	STAGE3	1ST	96020108
368,889	3,755,272	1.68	0	0	1.8	1-HR	STAGE3	1ST	96020707
372,020	3,757,552	1.67	0	0	1.8	1-HR	STAGE3	1ST	96100807
369,265	3,757,997	1.65	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,193	3,757,720	1.62	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,254	3,757,762	1.61	0	0	1.8	1-HR	STAGE3	1ST	96092907
369,080	3,757,864	1.58	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,264	3,757,783	1.56	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,970	3,757,842	1.52	0	0	1.8	1-HR	STAGE3	1ST	96100807
371,908	3,757,934	1.50	0	0	1.8	1-HR	STAGE3	1ST	96092907
372,023	3,757,843	1.50	0	0	1.8	1-HR	STAGE3	1ST	96100807
370,996	3,755,560	1.49	0	0	1.8	1-HR	STAGE3	1ST	96100707
369,017	3,757,954	1.48	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,042	3,755,556	1.47	0	0	1.8	1-HR	STAGE3	1ST	96100707
371,964	3,757,922	1.47	0	0	1.8	1-HR	STAGE3	1ST	96092907
368,569	3,755,273	1.42	0	0	1.8	1-HR	STAGE3	1ST	96011508

1-Hour NOx by Source Group

STAGING AREA 3

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,945	3,757,670	1.40	0	0	1.8	1-HR	STAGE3	1ST	96040807
370,907	3,757,702	1.38	0	0	1.8	1-HR	STAGE3	1ST	96040807
371,798	3,758,080	1.37	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,046	3,757,668	1.37	0	0	1.8	1-HR	STAGE3	1ST	96092907
368,275	3,755,275	1.37	0	0	1.8	1-HR	STAGE3	1ST	96011508
369,452	3,758,128	1.36	0	0	1.8	1-HR	STAGE3	1ST	96020108
370,667	3,755,262	1.32	0	0	1.8	1-HR	STAGE3	1ST	96030107
370,885	3,757,751	1.31	0	0	1.8	1-HR	STAGE3	1ST	96040807
369,850	3,758,078	1.30	0	0	1.8	1-HR	STAGE3	1ST	96032207
372,713	3,756,743	1.26	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,853	3,758,394	1.25	0	0	1.8	1-HR	STAGE3	1ST	96032207
371,001	3,755,419	1.22	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,936	3,755,213	1.18	0	0	1.8	1-HR	STAGE3	1ST	96011508
371,043	3,755,384	1.18	0	0	1.8	1-HR	STAGE3	1ST	96100707
371,056	3,755,349	1.13	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,114	3,756,056	1.12	0	0	1.8	1-HR	STAGE3	1ST	96030207
370,801	3,755,276	1.09	0	0	1.8	1-HR	STAGE3	1ST	96030107
366,985	3,756,358	1.08	0	0	1.8	1-HR	STAGE3	1ST	96020407
368,770	3,757,799	1.05	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,301	3,755,623	1.05	0	0	1.8	1-HR	STAGE3	1ST	96021607
366,902	3,756,692	1.02	0	0	1.8	1-HR	STAGE3	1ST	96012907
366,876	3,756,760	1.01	0	0	1.8	1-HR	STAGE3	1ST	96012907
372,703	3,756,553	1.00	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,853	3,756,663	0.99	0	0	1.8	1-HR	STAGE3	1ST	96012907
366,813	3,756,739	0.99	0	0	1.8	1-HR	STAGE3	1ST	96012907
367,769	3,757,644	0.95	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,484	3,755,199	0.94	0	0	1.8	1-HR	STAGE3	1ST	96011508
371,049	3,755,196	0.92	0	0	1.8	1-HR	STAGE3	1ST	96100707
372,819	3,756,549	0.92	0	0	1.8	1-HR	STAGE3	1ST	96021407
367,609	3,757,677	0.90	0	0	1.8	1-HR	STAGE3	1ST	96020207
370,886	3,758,089	0.89	0	0	1.8	1-HR	STAGE3	1ST	96040807
369,460	3,758,394	0.89	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,775	3,757,719	0.88	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,677	3,757,025	0.88	0	0	1.8	1-HR	STAGE3	1ST	96012907
367,413	3,757,695	0.85	0	0	1.8	1-HR	STAGE3	1ST	96020207
371,463	3,755,192	0.84	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,410	3,757,736	0.83	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,291	3,757,694	0.82	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,309	3,757,762	0.80	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,518	3,757,796	0.80	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,539	3,757,802	0.79	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,174	3,757,740	0.78	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,604	3,757,719	0.78	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,233	3,757,790	0.78	0	0	1.8	1-HR	STAGE3	1ST	96020207

1-Hour NOx by Source Group

STAGING AREA 3

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
372,814	3,756,455	0.78	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,999	3,757,642	0.77	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,603	3,757,765	0.77	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,809	3,757,835	0.77	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,109	3,757,840	0.73	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,777	3,757,520	0.71	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,705	3,756,372	0.70	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,644	3,757,531	0.68	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,807	3,757,936	0.67	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,624	3,757,468	0.66	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,905	3,757,930	0.66	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,536	3,757,322	0.66	0	0	1.8	1-HR	STAGE3	1ST	96012907
372,797	3,756,368	0.65	0	0	1.8	1-HR	STAGE3	1ST	96021407
367,775	3,757,959	0.64	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,487	3,757,537	0.64	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,706	3,756,327	0.63	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,437	3,757,531	0.62	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,914	3,757,962	0.62	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,798	3,758,011	0.59	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,927	3,756,319	0.54	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,843	3,755,189	0.51	0	0	1.8	1-HR	STAGE3	1ST	96100707
372,624	3,755,182	0.49	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,725	3,755,177	0.48	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,054	3,755,563	0.48	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,238	3,755,186	0.47	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,131	3,755,567	0.46	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,046	3,755,174	0.45	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,926	3,756,245	0.44	0	0	1.8	1-HR	STAGE3	1ST	96021407
373,135	3,755,704	0.43	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,222	3,755,569	0.43	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,219	3,755,705	0.40	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,448	3,755,560	0.37	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,457	3,756,236	0.35	0	0	1.8	1-HR	STAGE3	1ST	96021407

1-Hour NOx by Source Group

UTILIDOR

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: UTILIDOR

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	243.50	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
370,754	3,756,818	95.61	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
370,764	3,757,087	75.22	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
371,033	3,756,780	65.41	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,031	3,756,807	64.76	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,035	3,757,133	46.68	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
371,034	3,757,085	45.13	0	0	1.8	1-HR	UTILIDOR	1ST	96022008
369,194	3,755,270	44.55	0	0	1.8	1-HR	UTILIDOR	1ST	96012607
369,498	3,755,268	40.69	0	0	1.8	1-HR	UTILIDOR	1ST	96012607
368,889	3,755,272	39.27	0	0	1.8	1-HR	UTILIDOR	1ST	96020707
371,483	3,756,770	37.27	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,046	3,757,585	35.54	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
371,122	3,757,584	33.96	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
369,850	3,758,078	32.96	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
371,046	3,757,668	32.57	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
370,945	3,757,670	32.21	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
370,907	3,757,702	30.01	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
369,787	3,755,267	29.78	0	0	1.8	1-HR	UTILIDOR	1ST	96011009
369,409	3,757,730	29.71	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
371,193	3,757,720	29.50	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
368,569	3,755,273	28.81	0	0	1.8	1-HR	UTILIDOR	1ST	96020707
369,080	3,757,864	28.65	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
371,254	3,757,762	27.75	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
371,264	3,757,783	27.24	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
371,817	3,756,763	26.91	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,514	3,757,136	26.87	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
370,885	3,757,751	26.83	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
369,017	3,757,954	25.96	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
371,372	3,757,782	25.53	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
368,770	3,757,799	25.48	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
369,454	3,757,776	25.17	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
369,853	3,758,394	25.11	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
371,399	3,757,806	24.80	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
369,224	3,757,952	23.50	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
372,002	3,757,140	21.75	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
368,603	3,757,765	20.81	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
369,265	3,757,997	20.80	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
370,076	3,755,265	20.58	0	0	1.8	1-HR	UTILIDOR	1ST	96011009
368,604	3,757,719	20.31	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
369,452	3,758,128	19.64	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
367,114	3,756,056	19.44	0	0	1.8	1-HR	UTILIDOR	1ST	96030207
368,275	3,755,275	19.42	0	0	1.8	1-HR	UTILIDOR	1ST	96011508
369,460	3,758,394	18.94	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
367,936	3,755,213	18.71	0	0	1.8	1-HR	UTILIDOR	1ST	96011508

1-Hour NOx by Source Group

UTILIDOR

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: UTILIDOR

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
371,908	3,757,934	18.60	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
366,985	3,756,358	18.53	0	0	1.8	1-HR	UTILIDOR	1ST	96020407
370,298	3,757,963	18.44	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
372,274	3,756,753	18.41	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,964	3,757,922	18.02	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
371,970	3,757,842	17.99	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
371,798	3,758,080	17.85	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
366,902	3,756,692	17.48	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
366,876	3,756,760	17.39	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
372,023	3,757,843	17.20	0	0	1.8	1-HR	UTILIDOR	1ST	96100807
366,813	3,756,739	16.92	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
366,853	3,756,663	16.92	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
367,301	3,755,623	16.77	0	0	1.8	1-HR	UTILIDOR	1ST	96021607
367,484	3,755,199	16.75	0	0	1.8	1-HR	UTILIDOR	1ST	96011508
370,299	3,758,078	16.74	0	0	1.8	1-HR	UTILIDOR	1ST	96032207
372,020	3,757,552	16.70	0	0	1.8	1-HR	UTILIDOR	1ST	96022008
370,380	3,755,263	15.43	0	0	1.8	1-HR	UTILIDOR	1ST	96030107
367,769	3,757,644	15.07	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
366,677	3,757,025	14.91	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
370,382	3,757,966	14.54	0	0	1.8	1-HR	UTILIDOR	1ST	96040807
370,801	3,755,276	14.54	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
370,510	3,758,027	14.33	0	0	1.8	1-HR	UTILIDOR	1ST	96040807
367,609	3,757,677	14.32	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
370,996	3,755,560	14.16	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
370,667	3,755,262	14.15	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
371,001	3,755,419	13.76	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
367,413	3,757,695	13.74	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
372,713	3,756,743	13.66	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
367,775	3,757,719	13.56	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
370,506	3,758,088	13.45	0	0	1.8	1-HR	UTILIDOR	1ST	96040807
367,291	3,757,694	13.45	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
368,309	3,757,762	13.26	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
367,410	3,757,736	13.13	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
371,042	3,755,556	13.07	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
371,043	3,755,384	12.94	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
366,999	3,757,642	12.94	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
370,886	3,758,089	12.80	0	0	1.8	1-HR	UTILIDOR	1ST	96092907
367,174	3,757,740	12.67	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
371,056	3,755,349	12.63	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
366,777	3,757,520	12.28	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
367,518	3,757,796	12.25	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
367,539	3,757,802	12.14	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
368,233	3,757,790	12.10	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
371,049	3,755,196	12.06	0	0	1.8	1-HR	UTILIDOR	1ST	96100707

1-Hour NOx by Source Group									
				UTILIDOR					
* AERMOD (07026): LAX CUP CONSTRUCTION HRA									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: UTILIDOR									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
366,644	3,757,531	11.64	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
366,624	3,757,468	11.46	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
367,809	3,757,835	10.99	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
366,487	3,757,537	10.93	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
366,437	3,757,531	10.69	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
366,536	3,757,322	10.65	0	0	1.8	1-HR	UTILIDOR	1ST	96012907
372,703	3,756,553	10.55	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
368,109	3,757,840	10.46	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
372,819	3,756,549	9.93	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
367,807	3,757,936	8.93	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
367,914	3,757,962	8.89	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
367,775	3,757,959	8.62	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
367,905	3,757,930	8.60	0	0	1.8	1-HR	UTILIDOR	1ST	96020207
372,814	3,756,455	8.36	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
367,798	3,758,011	7.91	0	0	1.8	1-HR	UTILIDOR	1ST	96020108
372,705	3,756,372	7.64	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
372,797	3,756,368	7.24	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,463	3,755,192	7.11	0	0	1.8	1-HR	UTILIDOR	1ST	96100707
372,238	3,755,186	6.90	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
372,706	3,756,327	6.76	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
371,843	3,755,189	6.53	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
372,624	3,755,182	6.49	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
372,725	3,755,177	6.31	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
372,927	3,756,319	6.04	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
373,046	3,755,174	5.65	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,054	3,755,563	5.39	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,131	3,755,567	5.14	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
372,926	3,756,245	5.09	0	0	1.8	1-HR	UTILIDOR	1ST	96021407
373,222	3,755,569	4.81	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,135	3,755,704	4.71	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,219	3,755,705	4.43	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,448	3,755,560	4.17	0	0	1.8	1-HR	UTILIDOR	1ST	96010208
373,457	3,756,236	4.14	0	0	1.8	1-HR	UTILIDOR	1ST	96021407

1-Hour NOx by Source Group

TRANSFER TRUCKS

* AERMOD (07026): LAX CUP CONSTRUCTION HRA
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	3.86	0	0	1.8	1-HR	TRUCK	1ST	96020707
370,754	3,756,818	3.83	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,031	3,756,807	1.30	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,033	3,756,780	1.23	0	0	1.8	1-HR	TRUCK	1ST	96021407
370,764	3,757,087	1.13	0	0	1.8	1-HR	TRUCK	1ST	96092907
371,034	3,757,085	0.98	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,035	3,757,133	0.93	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,483	3,756,770	0.76	0	0	1.8	1-HR	TRUCK	1ST	96021407
369,498	3,755,268	0.59	0	0	1.8	1-HR	TRUCK	1ST	96012607
369,194	3,755,270	0.55	0	0	1.8	1-HR	TRUCK	1ST	96020707
371,817	3,756,763	0.52	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,514	3,757,136	0.52	0	0	1.8	1-HR	TRUCK	1ST	96022008
369,787	3,755,267	0.47	0	0	1.8	1-HR	TRUCK	1ST	96012607
369,409	3,757,730	0.43	0	0	1.8	1-HR	TRUCK	1ST	96020108
369,454	3,757,776	0.40	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,122	3,757,584	0.39	0	0	1.8	1-HR	TRUCK	1ST	96092907
370,298	3,757,963	0.39	0	0	1.8	1-HR	TRUCK	1ST	96032207
368,889	3,755,272	0.38	0	0	1.8	1-HR	TRUCK	1ST	96020707
370,382	3,757,966	0.36	0	0	1.8	1-HR	TRUCK	1ST	96032207
370,299	3,758,078	0.35	0	0	1.8	1-HR	TRUCK	1ST	96032207
371,046	3,757,585	0.35	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,224	3,757,952	0.35	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,372	3,757,782	0.33	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,080	3,757,864	0.33	0	0	1.8	1-HR	TRUCK	1ST	96020108
369,265	3,757,997	0.33	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,399	3,757,806	0.33	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,017	3,757,954	0.31	0	0	1.8	1-HR	TRUCK	1ST	96020108
370,076	3,755,265	0.31	0	0	1.8	1-HR	TRUCK	1ST	96011009
371,970	3,757,842	0.31	0	0	1.8	1-HR	TRUCK	1ST	96100807
372,002	3,757,140	0.30	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,193	3,757,720	0.30	0	0	1.8	1-HR	TRUCK	1ST	96092907
372,023	3,757,843	0.30	0	0	1.8	1-HR	TRUCK	1ST	96100807
372,274	3,756,753	0.30	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,254	3,757,762	0.30	0	0	1.8	1-HR	TRUCK	1ST	96092907
367,114	3,756,056	0.29	0	0	1.8	1-HR	TRUCK	1ST	96030207
371,264	3,757,783	0.29	0	0	1.8	1-HR	TRUCK	1ST	96092907
371,964	3,757,922	0.28	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,908	3,757,934	0.28	0	0	1.8	1-HR	TRUCK	1ST	96092907
370,510	3,758,027	0.28	0	0	1.8	1-HR	TRUCK	1ST	96032207
371,798	3,758,080	0.27	0	0	1.8	1-HR	TRUCK	1ST	96092907
366,985	3,756,358	0.27	0	0	1.8	1-HR	TRUCK	1ST	96020407
372,020	3,757,552	0.27	0	0	1.8	1-HR	TRUCK	1ST	96100807
367,936	3,755,213	0.27	0	0	1.8	1-HR	TRUCK	1ST	96011508
371,046	3,757,668	0.26	0	0	1.8	1-HR	TRUCK	1ST	96092907

1-Hour NOx by Source Group

TRANSFER TRUCKS

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
368,275	3,755,275	0.26	0	0	1.8	1-HR	TRUCK	1ST	96011508
370,506	3,758,088	0.26	0	0	1.8	1-HR	TRUCK	1ST	96032207
366,876	3,756,760	0.26	0	0	1.8	1-HR	TRUCK	1ST	96012907
370,380	3,755,263	0.25	0	0	1.8	1-HR	TRUCK	1ST	96030107
366,813	3,756,739	0.25	0	0	1.8	1-HR	TRUCK	1ST	96012907
370,907	3,757,702	0.25	0	0	1.8	1-HR	TRUCK	1ST	96040807
366,902	3,756,692	0.25	0	0	1.8	1-HR	TRUCK	1ST	96012907
369,850	3,758,078	0.24	0	0	1.8	1-HR	TRUCK	1ST	96032207
370,996	3,755,560	0.24	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,945	3,757,670	0.24	0	0	1.8	1-HR	TRUCK	1ST	96040807
371,042	3,755,556	0.24	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,885	3,757,751	0.24	0	0	1.8	1-HR	TRUCK	1ST	96040807
367,301	3,755,623	0.23	0	0	1.8	1-HR	TRUCK	1ST	96021607
369,853	3,758,394	0.23	0	0	1.8	1-HR	TRUCK	1ST	96032207
366,853	3,756,663	0.23	0	0	1.8	1-HR	TRUCK	1ST	96012907
367,484	3,755,199	0.22	0	0	1.8	1-HR	TRUCK	1ST	96011508
366,677	3,757,025	0.21	0	0	1.8	1-HR	TRUCK	1ST	96012907
369,452	3,758,128	0.21	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,001	3,755,419	0.21	0	0	1.8	1-HR	TRUCK	1ST	96100707
371,043	3,755,384	0.20	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,667	3,755,262	0.20	0	0	1.8	1-HR	TRUCK	1ST	96030107
371,056	3,755,349	0.20	0	0	1.8	1-HR	TRUCK	1ST	96100707
368,569	3,755,273	0.20	0	0	1.8	1-HR	TRUCK	1ST	96011508
367,769	3,757,644	0.19	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,713	3,756,743	0.19	0	0	1.8	1-HR	TRUCK	1ST	96021407
367,609	3,757,677	0.19	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,291	3,757,694	0.19	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,413	3,757,695	0.19	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,999	3,757,642	0.18	0	0	1.8	1-HR	TRUCK	1ST	96020207
370,886	3,758,089	0.18	0	0	1.8	1-HR	TRUCK	1ST	96040807
367,174	3,757,740	0.18	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,410	3,757,736	0.17	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,703	3,756,553	0.17	0	0	1.8	1-HR	TRUCK	1ST	96032108
367,775	3,757,719	0.16	0	0	1.8	1-HR	TRUCK	1ST	96020207
371,049	3,755,196	0.16	0	0	1.8	1-HR	TRUCK	1ST	96100707
372,819	3,756,549	0.16	0	0	1.8	1-HR	TRUCK	1ST	96032108
366,777	3,757,520	0.16	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,770	3,757,799	0.16	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,463	3,755,192	0.16	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,801	3,755,276	0.15	0	0	1.8	1-HR	TRUCK	1ST	96030107
367,518	3,757,796	0.15	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,644	3,757,531	0.15	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,604	3,757,719	0.15	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,539	3,757,802	0.15	0	0	1.8	1-HR	TRUCK	1ST	96020207

1-Hour NOx by Source Group

TRANSFER TRUCKS

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
368,603	3,757,765	0.14	0	0	1.8	1-HR	TRUCK	1ST	96101107
366,624	3,757,468	0.13	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,487	3,757,537	0.13	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,437	3,757,531	0.13	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,309	3,757,762	0.12	0	0	1.8	1-HR	TRUCK	1ST	96101107
368,233	3,757,790	0.12	0	0	1.8	1-HR	TRUCK	1ST	96101107
366,536	3,757,322	0.11	0	0	1.8	1-HR	TRUCK	1ST	96062307
372,624	3,755,182	0.11	0	0	1.8	1-HR	TRUCK	1ST	96020409
367,809	3,757,835	0.11	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,814	3,756,455	0.11	0	0	1.8	1-HR	TRUCK	1ST	96032108
373,054	3,755,563	0.11	0	0	1.8	1-HR	TRUCK	1ST	96010208
372,725	3,755,177	0.11	0	0	1.8	1-HR	TRUCK	1ST	96020409
368,109	3,757,840	0.11	0	0	1.8	1-HR	TRUCK	1ST	96101107
373,135	3,755,704	0.11	0	0	1.8	1-HR	TRUCK	1ST	96030209
369,460	3,758,394	0.10	0	0	1.8	1-HR	TRUCK	1ST	96020108
373,131	3,755,567	0.10	0	0	1.8	1-HR	TRUCK	1ST	96010208
373,219	3,755,705	0.10	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,222	3,755,569	0.10	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,448	3,755,560	0.10	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,046	3,755,174	0.10	0	0	1.8	1-HR	TRUCK	1ST	96010208
367,914	3,757,962	0.10	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,905	3,757,930	0.09	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,798	3,758,011	0.09	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,807	3,757,936	0.09	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,775	3,757,959	0.09	0	0	1.8	1-HR	TRUCK	1ST	96101107
372,238	3,755,186	0.08	0	0	1.8	1-HR	TRUCK	1ST	96020409
371,843	3,755,189	0.07	0	0	1.8	1-HR	TRUCK	1ST	96100707
372,706	3,756,327	0.06	0	0	1.8	1-HR	TRUCK	1ST	96051707
372,705	3,756,372	0.06	0	0	1.8	1-HR	TRUCK	1ST	96062208
372,926	3,756,245	0.06	0	0	1.8	1-HR	TRUCK	1ST	96051707
372,797	3,756,368	0.06	0	0	1.8	1-HR	TRUCK	1ST	96062208
372,927	3,756,319	0.05	0	0	1.8	1-HR	TRUCK	1ST	96051707
373,457	3,756,236	0.04	0	0	1.8	1-HR	TRUCK	1ST	96051707

Annual NOx								
* AERMOD (07026): LAX CUP CONSTRUCTION HRA								
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* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM YRS**
370,479	3,756,654	12.36	0	0	1.8	ANNUAL	ALL	1
370,754	3,756,818	2.99	0	0	1.8	ANNUAL	ALL	1
371,031	3,756,807	1.30	0	0	1.8	ANNUAL	ALL	1
371,033	3,756,780	1.25	0	0	1.8	ANNUAL	ALL	1
370,764	3,757,087	1.24	0	0	1.8	ANNUAL	ALL	1
371,034	3,757,085	1.05	0	0	1.8	ANNUAL	ALL	1
371,035	3,757,133	0.94	0	0	1.8	ANNUAL	ALL	1
371,514	3,757,136	0.53	0	0	1.8	ANNUAL	ALL	1
371,483	3,756,770	0.43	0	0	1.8	ANNUAL	ALL	1
372,002	3,757,140	0.28	0	0	1.8	ANNUAL	ALL	1
372,020	3,757,552	0.25	0	0	1.8	ANNUAL	ALL	1
371,122	3,757,584	0.25	0	0	1.8	ANNUAL	ALL	1
371,817	3,756,763	0.24	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,585	0.23	0	0	1.8	ANNUAL	ALL	1
371,970	3,757,842	0.18	0	0	1.8	ANNUAL	ALL	1
372,023	3,757,843	0.18	0	0	1.8	ANNUAL	ALL	1
371,193	3,757,720	0.17	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,668	0.17	0	0	1.8	ANNUAL	ALL	1
371,372	3,757,782	0.17	0	0	1.8	ANNUAL	ALL	1
371,399	3,757,806	0.16	0	0	1.8	ANNUAL	ALL	1
371,254	3,757,762	0.16	0	0	1.8	ANNUAL	ALL	1
371,964	3,757,922	0.16	0	0	1.8	ANNUAL	ALL	1
371,264	3,757,783	0.16	0	0	1.8	ANNUAL	ALL	1
371,908	3,757,934	0.15	0	0	1.8	ANNUAL	ALL	1
370,945	3,757,670	0.15	0	0	1.8	ANNUAL	ALL	1
370,907	3,757,702	0.13	0	0	1.8	ANNUAL	ALL	1
372,274	3,756,753	0.12	0	0	1.8	ANNUAL	ALL	1
371,798	3,758,080	0.11	0	0	1.8	ANNUAL	ALL	1
370,885	3,757,751	0.10	0	0	1.8	ANNUAL	ALL	1
372,713	3,756,743	0.08	0	0	1.8	ANNUAL	ALL	1
369,409	3,757,730	0.06	0	0	1.8	ANNUAL	ALL	1
369,454	3,757,776	0.06	0	0	1.8	ANNUAL	ALL	1
369,498	3,755,268	0.06	0	0	1.8	ANNUAL	ALL	1
368,604	3,757,719	0.06	0	0	1.8	ANNUAL	ALL	1
369,787	3,755,267	0.06	0	0	1.8	ANNUAL	ALL	1
369,194	3,755,270	0.05	0	0	1.8	ANNUAL	ALL	1
372,703	3,756,553	0.05	0	0	1.8	ANNUAL	ALL	1
368,770	3,757,799	0.05	0	0	1.8	ANNUAL	ALL	1
368,603	3,757,765	0.05	0	0	1.8	ANNUAL	ALL	1
369,080	3,757,864	0.05	0	0	1.8	ANNUAL	ALL	1
372,819	3,756,549	0.05	0	0	1.8	ANNUAL	ALL	1
368,309	3,757,762	0.05	0	0	1.8	ANNUAL	ALL	1
366,985	3,756,358	0.05	0	0	1.8	ANNUAL	ALL	1
368,889	3,755,272	0.05	0	0	1.8	ANNUAL	ALL	1
370,076	3,755,265	0.05	0	0	1.8	ANNUAL	ALL	1
367,114	3,756,056	0.05	0	0	1.8	ANNUAL	ALL	1

Annual NOx								
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* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM YRS**
366,902	3,756,692	0.05	0	0	1.8	ANNUAL	ALL	1
369,224	3,757,952	0.04	0	0	1.8	ANNUAL	ALL	1
366,853	3,756,663	0.04	0	0	1.8	ANNUAL	ALL	1
369,017	3,757,954	0.04	0	0	1.8	ANNUAL	ALL	1
366,876	3,756,760	0.04	0	0	1.8	ANNUAL	ALL	1
370,886	3,758,089	0.04	0	0	1.8	ANNUAL	ALL	1
368,233	3,757,790	0.04	0	0	1.8	ANNUAL	ALL	1
366,813	3,756,739	0.04	0	0	1.8	ANNUAL	ALL	1
367,769	3,757,644	0.04	0	0	1.8	ANNUAL	ALL	1
369,265	3,757,997	0.04	0	0	1.8	ANNUAL	ALL	1
368,109	3,757,840	0.04	0	0	1.8	ANNUAL	ALL	1
370,382	3,757,966	0.04	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,719	0.04	0	0	1.8	ANNUAL	ALL	1
370,298	3,757,963	0.04	0	0	1.8	ANNUAL	ALL	1
368,569	3,755,273	0.04	0	0	1.8	ANNUAL	ALL	1
372,814	3,756,455	0.04	0	0	1.8	ANNUAL	ALL	1
367,609	3,757,677	0.04	0	0	1.8	ANNUAL	ALL	1
367,301	3,755,623	0.04	0	0	1.8	ANNUAL	ALL	1
370,510	3,758,027	0.04	0	0	1.8	ANNUAL	ALL	1
366,677	3,757,025	0.04	0	0	1.8	ANNUAL	ALL	1
367,809	3,757,835	0.04	0	0	1.8	ANNUAL	ALL	1
368,275	3,755,275	0.04	0	0	1.8	ANNUAL	ALL	1
367,413	3,757,695	0.04	0	0	1.8	ANNUAL	ALL	1
372,705	3,756,372	0.03	0	0	1.8	ANNUAL	ALL	1
367,410	3,757,736	0.03	0	0	1.8	ANNUAL	ALL	1
367,905	3,757,930	0.03	0	0	1.8	ANNUAL	ALL	1
370,506	3,758,088	0.03	0	0	1.8	ANNUAL	ALL	1
367,539	3,757,802	0.03	0	0	1.8	ANNUAL	ALL	1
367,291	3,757,694	0.03	0	0	1.8	ANNUAL	ALL	1
367,518	3,757,796	0.03	0	0	1.8	ANNUAL	ALL	1
370,380	3,755,263	0.03	0	0	1.8	ANNUAL	ALL	1
370,299	3,758,078	0.03	0	0	1.8	ANNUAL	ALL	1
367,914	3,757,962	0.03	0	0	1.8	ANNUAL	ALL	1
367,807	3,757,936	0.03	0	0	1.8	ANNUAL	ALL	1
369,850	3,758,078	0.03	0	0	1.8	ANNUAL	ALL	1
372,797	3,756,368	0.03	0	0	1.8	ANNUAL	ALL	1
369,452	3,758,128	0.03	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,959	0.03	0	0	1.8	ANNUAL	ALL	1
366,999	3,757,642	0.03	0	0	1.8	ANNUAL	ALL	1
366,536	3,757,322	0.03	0	0	1.8	ANNUAL	ALL	1
367,174	3,757,740	0.03	0	0	1.8	ANNUAL	ALL	1
366,777	3,757,520	0.03	0	0	1.8	ANNUAL	ALL	1
372,706	3,756,327	0.03	0	0	1.8	ANNUAL	ALL	1
367,936	3,755,213	0.03	0	0	1.8	ANNUAL	ALL	1
367,798	3,758,011	0.03	0	0	1.8	ANNUAL	ALL	1
366,624	3,757,468	0.03	0	0	1.8	ANNUAL	ALL	1

Annual NOx								
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* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
366,644	3,757,531	0.03	0	0	1.8	ANNUAL	ALL	1
367,484	3,755,199	0.03	0	0	1.8	ANNUAL	ALL	1
366,487	3,757,537	0.03	0	0	1.8	ANNUAL	ALL	1
366,437	3,757,531	0.03	0	0	1.8	ANNUAL	ALL	1
372,927	3,756,319	0.03	0	0	1.8	ANNUAL	ALL	1
370,667	3,755,262	0.03	0	0	1.8	ANNUAL	ALL	1
370,996	3,755,560	0.02	0	0	1.8	ANNUAL	ALL	1
371,042	3,755,556	0.02	0	0	1.8	ANNUAL	ALL	1
370,801	3,755,276	0.02	0	0	1.8	ANNUAL	ALL	1
372,926	3,756,245	0.02	0	0	1.8	ANNUAL	ALL	1
369,460	3,758,394	0.02	0	0	1.8	ANNUAL	ALL	1
371,001	3,755,419	0.02	0	0	1.8	ANNUAL	ALL	1
369,853	3,758,394	0.02	0	0	1.8	ANNUAL	ALL	1
371,043	3,755,384	0.02	0	0	1.8	ANNUAL	ALL	1
371,056	3,755,349	0.02	0	0	1.8	ANNUAL	ALL	1
371,049	3,755,196	0.02	0	0	1.8	ANNUAL	ALL	1
373,457	3,756,236	0.02	0	0	1.8	ANNUAL	ALL	1
371,463	3,755,192	0.01	0	0	1.8	ANNUAL	ALL	1
371,843	3,755,189	0.01	0	0	1.8	ANNUAL	ALL	1
373,135	3,755,704	0.01	0	0	1.8	ANNUAL	ALL	1
373,219	3,755,705	0.01	0	0	1.8	ANNUAL	ALL	1
372,238	3,755,186	0.01	0	0	1.8	ANNUAL	ALL	1
373,054	3,755,563	0.01	0	0	1.8	ANNUAL	ALL	1
373,131	3,755,567	0.01	0	0	1.8	ANNUAL	ALL	1
373,222	3,755,569	0.01	0	0	1.8	ANNUAL	ALL	1
373,448	3,755,560	0.00	0	0	1.8	ANNUAL	ALL	1
372,624	3,755,182	0.00	0	0	1.8	ANNUAL	ALL	1
372,725	3,755,177	0.00	0	0	1.8	ANNUAL	ALL	1
373,046	3,755,174	0.00	0	0	1.8	ANNUAL	ALL	1

24-Hour PM10 - Controlled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
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* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
370,479	3,756,654	15.17	0	0	1.8	24-HR	ALL	1ST	96021424
370,754	3,756,818	3.65	0	0	1.8	24-HR	ALL	1ST	96100824
370,764	3,757,087	3.26	0	0	1.8	24-HR	ALL	1ST	96092924
371,033	3,756,780	2.41	0	0	1.8	24-HR	ALL	1ST	96021424
371,031	3,756,807	2.35	0	0	1.8	24-HR	ALL	1ST	96021424
371,035	3,757,133	2.12	0	0	1.8	24-HR	ALL	1ST	96100824
371,034	3,757,085	2.10	0	0	1.8	24-HR	ALL	1ST	96100824
371,483	3,756,770	1.18	0	0	1.8	24-HR	ALL	1ST	96021424
371,122	3,757,584	1.16	0	0	1.8	24-HR	ALL	1ST	96092924
369,194	3,755,270	1.10	0	0	1.8	24-HR	ALL	1ST	96012624
369,498	3,755,268	1.07	0	0	1.8	24-HR	ALL	1ST	96012624
371,046	3,757,585	1.06	0	0	1.8	24-HR	ALL	1ST	96092924
368,889	3,755,272	0.91	0	0	1.8	24-HR	ALL	1ST	96020724
371,372	3,757,782	0.91	0	0	1.8	24-HR	ALL	1ST	96092924
371,193	3,757,720	0.91	0	0	1.8	24-HR	ALL	1ST	96092924
371,399	3,757,806	0.88	0	0	1.8	24-HR	ALL	1ST	96092924
371,254	3,757,762	0.88	0	0	1.8	24-HR	ALL	1ST	96092924
369,787	3,755,267	0.86	0	0	1.8	24-HR	ALL	1ST	96011024
371,264	3,757,783	0.85	0	0	1.8	24-HR	ALL	1ST	96092924
371,514	3,757,136	0.85	0	0	1.8	24-HR	ALL	1ST	96022024
371,046	3,757,668	0.82	0	0	1.8	24-HR	ALL	1ST	96092924
371,817	3,756,763	0.76	0	0	1.8	24-HR	ALL	1ST	96021424
369,080	3,757,864	0.67	0	0	1.8	24-HR	ALL	1ST	96020124
369,850	3,758,078	0.66	0	0	1.8	24-HR	ALL	1ST	96032224
371,970	3,757,842	0.65	0	0	1.8	24-HR	ALL	1ST	96100824
371,798	3,758,080	0.63	0	0	1.8	24-HR	ALL	1ST	96092924
372,023	3,757,843	0.62	0	0	1.8	24-HR	ALL	1ST	96100824
371,964	3,757,922	0.62	0	0	1.8	24-HR	ALL	1ST	96100824
371,908	3,757,934	0.62	0	0	1.8	24-HR	ALL	1ST	96100824
370,945	3,757,670	0.61	0	0	1.8	24-HR	ALL	1ST	96092924
369,017	3,757,954	0.61	0	0	1.8	24-HR	ALL	1ST	96020124
369,409	3,757,730	0.59	0	0	1.8	24-HR	ALL	1ST	96020124
372,002	3,757,140	0.57	0	0	1.8	24-HR	ALL	1ST	96021424
369,853	3,758,394	0.56	0	0	1.8	24-HR	ALL	1ST	96032224
366,876	3,756,760	0.52	0	0	1.8	24-HR	ALL	1ST	96012924
370,076	3,755,265	0.52	0	0	1.8	24-HR	ALL	1ST	96011024
366,902	3,756,692	0.52	0	0	1.8	24-HR	ALL	1ST	96012924
366,813	3,756,739	0.51	0	0	1.8	24-HR	ALL	1ST	96012924
370,907	3,757,702	0.50	0	0	1.8	24-HR	ALL	1ST	96092624
367,114	3,756,056	0.50	0	0	1.8	24-HR	ALL	1ST	96030224
372,020	3,757,552	0.49	0	0	1.8	24-HR	ALL	1ST	96022024
366,853	3,756,663	0.49	0	0	1.8	24-HR	ALL	1ST	96012924
366,999	3,757,642	0.47	0	0	1.8	24-HR	ALL	1ST	96020224
367,484	3,755,199	0.47	0	0	1.8	24-HR	ALL	1ST	96011524
367,936	3,755,213	0.47	0	0	1.8	24-HR	ALL	1ST	96011524
369,224	3,757,952	0.46	0	0	1.8	24-HR	ALL	1ST	96020124

24-Hour PM10 - Controlled									
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* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
370,298	3,757,963	0.46	0	0	1.8	24-HR	ALL	1ST	96010124
368,770	3,757,799	0.46	0	0	1.8	24-HR	ALL	1ST	96020124
366,777	3,757,520	0.45	0	0	1.8	24-HR	ALL	1ST	96020224
372,274	3,756,753	0.45	0	0	1.8	24-HR	ALL	1ST	96021424
367,291	3,757,694	0.44	0	0	1.8	24-HR	ALL	1ST	96020224
366,985	3,756,358	0.44	0	0	1.8	24-HR	ALL	1ST	96020424
370,885	3,757,751	0.44	0	0	1.8	24-HR	ALL	1ST	96092624
369,454	3,757,776	0.44	0	0	1.8	24-HR	ALL	1ST	96020124
370,382	3,757,966	0.44	0	0	1.8	24-HR	ALL	1ST	96010124
367,413	3,757,695	0.43	0	0	1.8	24-HR	ALL	1ST	96020224
366,644	3,757,531	0.42	0	0	1.8	24-HR	ALL	1ST	96020224
367,769	3,757,644	0.42	0	0	1.8	24-HR	ALL	1ST	96020224
367,609	3,757,677	0.42	0	0	1.8	24-HR	ALL	1ST	96020224
367,174	3,757,740	0.42	0	0	1.8	24-HR	ALL	1ST	96020224
370,299	3,758,078	0.41	0	0	1.8	24-HR	ALL	1ST	96010124
368,569	3,755,273	0.41	0	0	1.8	24-HR	ALL	1ST	96020724
366,624	3,757,468	0.40	0	0	1.8	24-HR	ALL	1ST	96020224
368,275	3,755,275	0.39	0	0	1.8	24-HR	ALL	1ST	96011524
367,410	3,757,736	0.39	0	0	1.8	24-HR	ALL	1ST	96020224
366,487	3,757,537	0.39	0	0	1.8	24-HR	ALL	1ST	96020224
366,677	3,757,025	0.39	0	0	1.8	24-HR	ALL	1ST	96012924
366,437	3,757,531	0.38	0	0	1.8	24-HR	ALL	1ST	96020224
367,301	3,755,623	0.38	0	0	1.8	24-HR	ALL	1ST	96021324
369,265	3,757,997	0.37	0	0	1.8	24-HR	ALL	1ST	96020124
371,001	3,755,419	0.35	0	0	1.8	24-HR	ALL	1ST	96100724
370,996	3,755,560	0.35	0	0	1.8	24-HR	ALL	1ST	96100724
370,380	3,755,263	0.34	0	0	1.8	24-HR	ALL	1ST	96030124
367,775	3,757,719	0.34	0	0	1.8	24-HR	ALL	1ST	96020224
371,043	3,755,384	0.33	0	0	1.8	24-HR	ALL	1ST	96100724
370,510	3,758,027	0.33	0	0	1.8	24-HR	ALL	1ST	96010124
371,056	3,755,349	0.32	0	0	1.8	24-HR	ALL	1ST	96100724
370,506	3,758,088	0.32	0	0	1.8	24-HR	ALL	1ST	96010124
367,518	3,757,796	0.32	0	0	1.8	24-HR	ALL	1ST	96020224
371,049	3,755,196	0.31	0	0	1.8	24-HR	ALL	1ST	96100724
371,042	3,755,556	0.31	0	0	1.8	24-HR	ALL	1ST	96100724
366,536	3,757,322	0.31	0	0	1.8	24-HR	ALL	1ST	96020224
367,539	3,757,802	0.31	0	0	1.8	24-HR	ALL	1ST	96020224
370,801	3,755,276	0.30	0	0	1.8	24-HR	ALL	1ST	96100724
372,713	3,756,743	0.29	0	0	1.8	24-HR	ALL	1ST	96021424
370,886	3,758,089	0.29	0	0	1.8	24-HR	ALL	1ST	96040824
368,603	3,757,765	0.27	0	0	1.8	24-HR	ALL	1ST	96020124
369,452	3,758,128	0.26	0	0	1.8	24-HR	ALL	1ST	96020324
370,667	3,755,262	0.26	0	0	1.8	24-HR	ALL	1ST	96021424
368,604	3,757,719	0.24	0	0	1.8	24-HR	ALL	1ST	96020124
367,809	3,757,835	0.23	0	0	1.8	24-HR	ALL	1ST	96020224
368,309	3,757,762	0.21	0	0	1.8	24-HR	ALL	1ST	96101124

24-Hour PM10 - Controlled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
368,233	3,757,790	0.20	0	0	1.8	24-HR	ALL	1ST	96101124
369,460	3,758,394	0.19	0	0	1.8	24-HR	ALL	1ST	96032224
368,109	3,757,840	0.19	0	0	1.8	24-HR	ALL	1ST	96101124
367,905	3,757,930	0.17	0	0	1.8	24-HR	ALL	1ST	96101124
367,914	3,757,962	0.17	0	0	1.8	24-HR	ALL	1ST	96101124
367,807	3,757,936	0.17	0	0	1.8	24-HR	ALL	1ST	96020224
372,725	3,755,177	0.16	0	0	1.8	24-HR	ALL	1ST	96010224
373,046	3,755,174	0.16	0	0	1.8	24-HR	ALL	1ST	96010224
372,624	3,755,182	0.16	0	0	1.8	24-HR	ALL	1ST	96010224
367,775	3,757,959	0.16	0	0	1.8	24-HR	ALL	1ST	96020224
367,798	3,758,011	0.16	0	0	1.8	24-HR	ALL	1ST	96101124
372,703	3,756,553	0.15	0	0	1.8	24-HR	ALL	1ST	96032124
372,819	3,756,549	0.14	0	0	1.8	24-HR	ALL	1ST	96032124
373,054	3,755,563	0.13	0	0	1.8	24-HR	ALL	1ST	96010224
371,463	3,755,192	0.13	0	0	1.8	24-HR	ALL	1ST	96100724
372,238	3,755,186	0.12	0	0	1.8	24-HR	ALL	1ST	96010224
373,131	3,755,567	0.12	0	0	1.8	24-HR	ALL	1ST	96010224
373,222	3,755,569	0.11	0	0	1.8	24-HR	ALL	1ST	96010224
372,814	3,756,455	0.10	0	0	1.8	24-HR	ALL	1ST	96032124
373,135	3,755,704	0.09	0	0	1.8	24-HR	ALL	1ST	96010224
373,448	3,755,560	0.08	0	0	1.8	24-HR	ALL	1ST	96010224
373,219	3,755,705	0.08	0	0	1.8	24-HR	ALL	1ST	96010224
372,705	3,756,372	0.08	0	0	1.8	24-HR	ALL	1ST	96100624
372,797	3,756,368	0.07	0	0	1.8	24-HR	ALL	1ST	96100624
371,843	3,755,189	0.07	0	0	1.8	24-HR	ALL	1ST	96010224
372,706	3,756,327	0.07	0	0	1.8	24-HR	ALL	1ST	96100624
372,927	3,756,319	0.06	0	0	1.8	24-HR	ALL	1ST	96100624
372,926	3,756,245	0.05	0	0	1.8	24-HR	ALL	1ST	96100624
373,457	3,756,236	0.04	0	0	1.8	24-HR	ALL	1ST	96100624

24-Hour PM10 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
370,479	3,756,654	31.74	0	0	1.8	24-HR	ALL	1ST	96021424
370,754	3,756,818	7.23	0	0	1.8	24-HR	ALL	1ST	96021424
370,764	3,757,087	6.81	0	0	1.8	24-HR	ALL	1ST	96092924
371,033	3,756,780	5.10	0	0	1.8	24-HR	ALL	1ST	96021424
371,031	3,756,807	4.94	0	0	1.8	24-HR	ALL	1ST	96021424
371,035	3,757,133	4.43	0	0	1.8	24-HR	ALL	1ST	96100824
371,034	3,757,085	4.34	0	0	1.8	24-HR	ALL	1ST	96100824
371,483	3,756,770	2.52	0	0	1.8	24-HR	ALL	1ST	96021424
371,122	3,757,584	2.44	0	0	1.8	24-HR	ALL	1ST	96092924
369,194	3,755,270	2.33	0	0	1.8	24-HR	ALL	1ST	96012624
369,498	3,755,268	2.24	0	0	1.8	24-HR	ALL	1ST	96012624
371,046	3,757,585	2.20	0	0	1.8	24-HR	ALL	1ST	96092924
368,889	3,755,272	1.95	0	0	1.8	24-HR	ALL	1ST	96020724
371,372	3,757,782	1.92	0	0	1.8	24-HR	ALL	1ST	96092924
371,193	3,757,720	1.89	0	0	1.8	24-HR	ALL	1ST	96092924
371,399	3,757,806	1.86	0	0	1.8	24-HR	ALL	1ST	96092924
371,254	3,757,762	1.84	0	0	1.8	24-HR	ALL	1ST	96092924
369,787	3,755,267	1.84	0	0	1.8	24-HR	ALL	1ST	96011024
371,514	3,757,136	1.81	0	0	1.8	24-HR	ALL	1ST	96022024
371,264	3,757,783	1.78	0	0	1.8	24-HR	ALL	1ST	96092924
371,046	3,757,668	1.67	0	0	1.8	24-HR	ALL	1ST	96092924
371,817	3,756,763	1.60	0	0	1.8	24-HR	ALL	1ST	96021424
369,080	3,757,864	1.43	0	0	1.8	24-HR	ALL	1ST	96020124
369,850	3,758,078	1.41	0	0	1.8	24-HR	ALL	1ST	96032224
371,970	3,757,842	1.37	0	0	1.8	24-HR	ALL	1ST	96100824
371,798	3,758,080	1.35	0	0	1.8	24-HR	ALL	1ST	96092924
371,964	3,757,922	1.32	0	0	1.8	24-HR	ALL	1ST	96100824
372,023	3,757,843	1.32	0	0	1.8	24-HR	ALL	1ST	96100824
371,908	3,757,934	1.31	0	0	1.8	24-HR	ALL	1ST	96100824
369,017	3,757,954	1.29	0	0	1.8	24-HR	ALL	1ST	96020124
369,853	3,758,394	1.20	0	0	1.8	24-HR	ALL	1ST	96032224
369,409	3,757,730	1.19	0	0	1.8	24-HR	ALL	1ST	96020124
370,945	3,757,670	1.18	0	0	1.8	24-HR	ALL	1ST	96092924
372,002	3,757,140	1.18	0	0	1.8	24-HR	ALL	1ST	96021424
366,876	3,756,760	1.13	0	0	1.8	24-HR	ALL	1ST	96012924
366,902	3,756,692	1.11	0	0	1.8	24-HR	ALL	1ST	96012924
366,813	3,756,739	1.09	0	0	1.8	24-HR	ALL	1ST	96012924
367,114	3,756,056	1.08	0	0	1.8	24-HR	ALL	1ST	96030224
366,853	3,756,663	1.05	0	0	1.8	24-HR	ALL	1ST	96012924
372,020	3,757,552	1.05	0	0	1.8	24-HR	ALL	1ST	96022024
370,907	3,757,702	1.04	0	0	1.8	24-HR	ALL	1ST	96092624
370,076	3,755,265	1.04	0	0	1.8	24-HR	ALL	1ST	96011024
366,999	3,757,642	1.02	0	0	1.8	24-HR	ALL	1ST	96020224
367,484	3,755,199	1.02	0	0	1.8	24-HR	ALL	1ST	96011524
367,936	3,755,213	1.00	0	0	1.8	24-HR	ALL	1ST	96011524
370,298	3,757,963	0.98	0	0	1.8	24-HR	ALL	1ST	96010124

24-Hour PM10 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
366,777	3,757,520	0.98	0	0	1.8	24-HR	ALL	1ST	96020224
368,770	3,757,799	0.96	0	0	1.8	24-HR	ALL	1ST	96020124
366,985	3,756,358	0.95	0	0	1.8	24-HR	ALL	1ST	96020424
369,224	3,757,952	0.95	0	0	1.8	24-HR	ALL	1ST	96020124
367,291	3,757,694	0.93	0	0	1.8	24-HR	ALL	1ST	96020224
372,274	3,756,753	0.93	0	0	1.8	24-HR	ALL	1ST	96021424
370,382	3,757,966	0.92	0	0	1.8	24-HR	ALL	1ST	96010124
366,644	3,757,531	0.92	0	0	1.8	24-HR	ALL	1ST	96020224
370,885	3,757,751	0.90	0	0	1.8	24-HR	ALL	1ST	96092624
367,413	3,757,695	0.90	0	0	1.8	24-HR	ALL	1ST	96020224
370,299	3,758,078	0.88	0	0	1.8	24-HR	ALL	1ST	96010124
367,174	3,757,740	0.88	0	0	1.8	24-HR	ALL	1ST	96020224
366,624	3,757,468	0.86	0	0	1.8	24-HR	ALL	1ST	96020224
367,769	3,757,644	0.86	0	0	1.8	24-HR	ALL	1ST	96020224
367,609	3,757,677	0.86	0	0	1.8	24-HR	ALL	1ST	96020224
369,454	3,757,776	0.86	0	0	1.8	24-HR	ALL	1ST	96020124
366,487	3,757,537	0.84	0	0	1.8	24-HR	ALL	1ST	96020224
366,677	3,757,025	0.82	0	0	1.8	24-HR	ALL	1ST	96012924
366,437	3,757,531	0.81	0	0	1.8	24-HR	ALL	1ST	96020224
367,301	3,755,623	0.81	0	0	1.8	24-HR	ALL	1ST	96021324
367,410	3,757,736	0.81	0	0	1.8	24-HR	ALL	1ST	96020224
368,569	3,755,273	0.79	0	0	1.8	24-HR	ALL	1ST	96020724
368,275	3,755,275	0.79	0	0	1.8	24-HR	ALL	1ST	96011524
371,001	3,755,419	0.75	0	0	1.8	24-HR	ALL	1ST	96100724
370,996	3,755,560	0.73	0	0	1.8	24-HR	ALL	1ST	96100724
369,265	3,757,997	0.72	0	0	1.8	24-HR	ALL	1ST	96020124
370,380	3,755,263	0.71	0	0	1.8	24-HR	ALL	1ST	96030124
371,043	3,755,384	0.70	0	0	1.8	24-HR	ALL	1ST	96100724
371,056	3,755,349	0.69	0	0	1.8	24-HR	ALL	1ST	96100724
370,510	3,758,027	0.68	0	0	1.8	24-HR	ALL	1ST	96010124
371,049	3,755,196	0.66	0	0	1.8	24-HR	ALL	1ST	96100724
370,506	3,758,088	0.66	0	0	1.8	24-HR	ALL	1ST	96010124
367,775	3,757,719	0.66	0	0	1.8	24-HR	ALL	1ST	96020224
366,536	3,757,322	0.64	0	0	1.8	24-HR	ALL	1ST	96020224
370,801	3,755,276	0.64	0	0	1.8	24-HR	ALL	1ST	96100724
371,042	3,755,556	0.64	0	0	1.8	24-HR	ALL	1ST	96100724
367,518	3,757,796	0.62	0	0	1.8	24-HR	ALL	1ST	96020224
370,886	3,758,089	0.61	0	0	1.8	24-HR	ALL	1ST	96040824
367,539	3,757,802	0.60	0	0	1.8	24-HR	ALL	1ST	96020224
372,713	3,756,743	0.59	0	0	1.8	24-HR	ALL	1ST	96021424
370,667	3,755,262	0.55	0	0	1.8	24-HR	ALL	1ST	96021424
369,452	3,758,128	0.55	0	0	1.8	24-HR	ALL	1ST	96020324
368,603	3,757,765	0.52	0	0	1.8	24-HR	ALL	1ST	96020124
368,604	3,757,719	0.49	0	0	1.8	24-HR	ALL	1ST	96100224
368,309	3,757,762	0.45	0	0	1.8	24-HR	ALL	1ST	96101124
368,233	3,757,790	0.43	0	0	1.8	24-HR	ALL	1ST	96101124

24-Hour PM10 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
368,109	3,757,840	0.40	0	0	1.8	24-HR	ALL	1ST	96101124
367,809	3,757,835	0.40	0	0	1.8	24-HR	ALL	1ST	96020224
369,460	3,758,394	0.38	0	0	1.8	24-HR	ALL	1ST	96101424
367,905	3,757,930	0.36	0	0	1.8	24-HR	ALL	1ST	96101124
367,914	3,757,962	0.36	0	0	1.8	24-HR	ALL	1ST	96101124
373,046	3,755,174	0.35	0	0	1.8	24-HR	ALL	1ST	96010224
372,725	3,755,177	0.35	0	0	1.8	24-HR	ALL	1ST	96010224
367,807	3,757,936	0.34	0	0	1.8	24-HR	ALL	1ST	96101124
372,624	3,755,182	0.34	0	0	1.8	24-HR	ALL	1ST	96010224
367,798	3,758,011	0.34	0	0	1.8	24-HR	ALL	1ST	96101124
367,775	3,757,959	0.34	0	0	1.8	24-HR	ALL	1ST	96101124
372,703	3,756,553	0.32	0	0	1.8	24-HR	ALL	1ST	96032124
372,819	3,756,549	0.30	0	0	1.8	24-HR	ALL	1ST	96032124
373,054	3,755,563	0.28	0	0	1.8	24-HR	ALL	1ST	96010224
371,463	3,755,192	0.25	0	0	1.8	24-HR	ALL	1ST	96100724
373,131	3,755,567	0.25	0	0	1.8	24-HR	ALL	1ST	96010224
372,238	3,755,186	0.24	0	0	1.8	24-HR	ALL	1ST	96010224
373,222	3,755,569	0.22	0	0	1.8	24-HR	ALL	1ST	96010224
372,814	3,756,455	0.20	0	0	1.8	24-HR	ALL	1ST	96032124
373,135	3,755,704	0.18	0	0	1.8	24-HR	ALL	1ST	96010224
373,448	3,755,560	0.17	0	0	1.8	24-HR	ALL	1ST	96010224
373,219	3,755,705	0.16	0	0	1.8	24-HR	ALL	1ST	96010224
372,705	3,756,372	0.14	0	0	1.8	24-HR	ALL	1ST	96100624
372,797	3,756,368	0.13	0	0	1.8	24-HR	ALL	1ST	96100624
371,843	3,755,189	0.11	0	0	1.8	24-HR	ALL	1ST	96010224
372,706	3,756,327	0.11	0	0	1.8	24-HR	ALL	1ST	96071624
372,927	3,756,319	0.10	0	0	1.8	24-HR	ALL	1ST	96100624
372,926	3,756,245	0.08	0	0	1.8	24-HR	ALL	1ST	96011724
373,457	3,756,236	0.06	0	0	1.8	24-HR	ALL	1ST	96100624

Annual PM10 - Controlled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
370,479	3,756,654	1.70	0	0	1.8	ANNUAL	ALL	1
370,754	3,756,818	0.43	0	0	1.8	ANNUAL	ALL	1
371,031	3,756,807	0.18	0	0	1.8	ANNUAL	ALL	1
371,033	3,756,780	0.17	0	0	1.8	ANNUAL	ALL	1
370,764	3,757,087	0.16	0	0	1.8	ANNUAL	ALL	1
371,034	3,757,085	0.15	0	0	1.8	ANNUAL	ALL	1
371,035	3,757,133	0.13	0	0	1.8	ANNUAL	ALL	1
371,514	3,757,136	0.08	0	0	1.8	ANNUAL	ALL	1
371,483	3,756,770	0.05	0	0	1.8	ANNUAL	ALL	1
372,002	3,757,140	0.04	0	0	1.8	ANNUAL	ALL	1
372,020	3,757,552	0.04	0	0	1.8	ANNUAL	ALL	1
371,817	3,756,763	0.03	0	0	1.8	ANNUAL	ALL	1
371,122	3,757,584	0.03	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,585	0.03	0	0	1.8	ANNUAL	ALL	1
372,023	3,757,843	0.02	0	0	1.8	ANNUAL	ALL	1
371,970	3,757,842	0.02	0	0	1.8	ANNUAL	ALL	1
371,964	3,757,922	0.02	0	0	1.8	ANNUAL	ALL	1
371,372	3,757,782	0.02	0	0	1.8	ANNUAL	ALL	1
371,193	3,757,720	0.02	0	0	1.8	ANNUAL	ALL	1
371,908	3,757,934	0.02	0	0	1.8	ANNUAL	ALL	1
371,399	3,757,806	0.02	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,668	0.02	0	0	1.8	ANNUAL	ALL	1
371,254	3,757,762	0.02	0	0	1.8	ANNUAL	ALL	1
371,264	3,757,783	0.02	0	0	1.8	ANNUAL	ALL	1
370,945	3,757,670	0.02	0	0	1.8	ANNUAL	ALL	1
372,274	3,756,753	0.01	0	0	1.8	ANNUAL	ALL	1
371,798	3,758,080	0.01	0	0	1.8	ANNUAL	ALL	1
370,907	3,757,702	0.01	0	0	1.8	ANNUAL	ALL	1
370,885	3,757,751	0.01	0	0	1.8	ANNUAL	ALL	1
372,713	3,756,743	0.01	0	0	1.8	ANNUAL	ALL	1
369,409	3,757,730	0.01	0	0	1.8	ANNUAL	ALL	1
369,498	3,755,268	0.01	0	0	1.8	ANNUAL	ALL	1
369,787	3,755,267	0.01	0	0	1.8	ANNUAL	ALL	1
369,194	3,755,270	0.01	0	0	1.8	ANNUAL	ALL	1
369,454	3,757,776	0.01	0	0	1.8	ANNUAL	ALL	1
368,604	3,757,719	0.01	0	0	1.8	ANNUAL	ALL	1
366,902	3,756,692	0.01	0	0	1.8	ANNUAL	ALL	1
366,985	3,756,358	0.01	0	0	1.8	ANNUAL	ALL	1
368,770	3,757,799	0.01	0	0	1.8	ANNUAL	ALL	1
369,080	3,757,864	0.01	0	0	1.8	ANNUAL	ALL	1
366,853	3,756,663	0.01	0	0	1.8	ANNUAL	ALL	1
368,603	3,757,765	0.01	0	0	1.8	ANNUAL	ALL	1
366,876	3,756,760	0.01	0	0	1.8	ANNUAL	ALL	1
367,114	3,756,056	0.01	0	0	1.8	ANNUAL	ALL	1
366,813	3,756,739	0.01	0	0	1.8	ANNUAL	ALL	1
368,309	3,757,762	0.01	0	0	1.8	ANNUAL	ALL	1

Annual PM10 - Controlled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
372,703	3,756,553	0.01	0	0	1.8	ANNUAL	ALL	1
370,076	3,755,265	0.01	0	0	1.8	ANNUAL	ALL	1
369,017	3,757,954	0.01	0	0	1.8	ANNUAL	ALL	1
369,224	3,757,952	0.01	0	0	1.8	ANNUAL	ALL	1
368,889	3,755,272	0.01	0	0	1.8	ANNUAL	ALL	1
368,233	3,757,790	0.01	0	0	1.8	ANNUAL	ALL	1
367,301	3,755,623	0.01	0	0	1.8	ANNUAL	ALL	1
367,769	3,757,644	0.01	0	0	1.8	ANNUAL	ALL	1
372,819	3,756,549	0.01	0	0	1.8	ANNUAL	ALL	1
366,677	3,757,025	0.01	0	0	1.8	ANNUAL	ALL	1
369,265	3,757,997	0.01	0	0	1.8	ANNUAL	ALL	1
370,298	3,757,963	0.01	0	0	1.8	ANNUAL	ALL	1
368,109	3,757,840	0.00	0	0	1.8	ANNUAL	ALL	1
370,382	3,757,966	0.00	0	0	1.8	ANNUAL	ALL	1
367,609	3,757,677	0.00	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,719	0.00	0	0	1.8	ANNUAL	ALL	1
370,886	3,758,089	0.00	0	0	1.8	ANNUAL	ALL	1
367,413	3,757,695	0.00	0	0	1.8	ANNUAL	ALL	1
370,510	3,758,027	0.00	0	0	1.8	ANNUAL	ALL	1
367,809	3,757,835	0.00	0	0	1.8	ANNUAL	ALL	1
367,291	3,757,694	0.00	0	0	1.8	ANNUAL	ALL	1
367,410	3,757,736	0.00	0	0	1.8	ANNUAL	ALL	1
366,536	3,757,322	0.00	0	0	1.8	ANNUAL	ALL	1
370,299	3,758,078	0.00	0	0	1.8	ANNUAL	ALL	1
367,905	3,757,930	0.00	0	0	1.8	ANNUAL	ALL	1
368,569	3,755,273	0.00	0	0	1.8	ANNUAL	ALL	1
366,999	3,757,642	0.00	0	0	1.8	ANNUAL	ALL	1
367,518	3,757,796	0.00	0	0	1.8	ANNUAL	ALL	1
367,539	3,757,802	0.00	0	0	1.8	ANNUAL	ALL	1
367,914	3,757,962	0.00	0	0	1.8	ANNUAL	ALL	1
366,777	3,757,520	0.00	0	0	1.8	ANNUAL	ALL	1
372,814	3,756,455	0.00	0	0	1.8	ANNUAL	ALL	1
367,174	3,757,740	0.00	0	0	1.8	ANNUAL	ALL	1
367,807	3,757,936	0.00	0	0	1.8	ANNUAL	ALL	1
369,850	3,758,078	0.00	0	0	1.8	ANNUAL	ALL	1
370,506	3,758,088	0.00	0	0	1.8	ANNUAL	ALL	1
366,624	3,757,468	0.00	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,959	0.00	0	0	1.8	ANNUAL	ALL	1
370,380	3,755,263	0.00	0	0	1.8	ANNUAL	ALL	1
366,644	3,757,531	0.00	0	0	1.8	ANNUAL	ALL	1
367,798	3,758,011	0.00	0	0	1.8	ANNUAL	ALL	1
369,452	3,758,128	0.00	0	0	1.8	ANNUAL	ALL	1
368,275	3,755,275	0.00	0	0	1.8	ANNUAL	ALL	1
366,487	3,757,537	0.00	0	0	1.8	ANNUAL	ALL	1
366,437	3,757,531	0.00	0	0	1.8	ANNUAL	ALL	1
367,484	3,755,199	0.00	0	0	1.8	ANNUAL	ALL	1

Annual PM10 - Controlled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
367,936	3,755,213	0.00	0	0	1.8	ANNUAL	ALL	1
372,705	3,756,372	0.00	0	0	1.8	ANNUAL	ALL	1
370,996	3,755,560	0.00	0	0	1.8	ANNUAL	ALL	1
372,797	3,756,368	0.00	0	0	1.8	ANNUAL	ALL	1
372,706	3,756,327	0.00	0	0	1.8	ANNUAL	ALL	1
371,001	3,755,419	0.00	0	0	1.8	ANNUAL	ALL	1
371,042	3,755,556	0.00	0	0	1.8	ANNUAL	ALL	1
370,667	3,755,262	0.00	0	0	1.8	ANNUAL	ALL	1
370,801	3,755,276	0.00	0	0	1.8	ANNUAL	ALL	1
369,853	3,758,394	0.00	0	0	1.8	ANNUAL	ALL	1
371,043	3,755,384	0.00	0	0	1.8	ANNUAL	ALL	1
371,056	3,755,349	0.00	0	0	1.8	ANNUAL	ALL	1
372,927	3,756,319	0.00	0	0	1.8	ANNUAL	ALL	1
369,460	3,758,394	0.00	0	0	1.8	ANNUAL	ALL	1
371,049	3,755,196	0.00	0	0	1.8	ANNUAL	ALL	1
372,926	3,756,245	0.00	0	0	1.8	ANNUAL	ALL	1
373,457	3,756,236	0.00	0	0	1.8	ANNUAL	ALL	1
371,463	3,755,192	0.00	0	0	1.8	ANNUAL	ALL	1
371,843	3,755,189	0.00	0	0	1.8	ANNUAL	ALL	1
372,238	3,755,186	0.00	0	0	1.8	ANNUAL	ALL	1
373,135	3,755,704	0.00	0	0	1.8	ANNUAL	ALL	1
373,054	3,755,563	0.00	0	0	1.8	ANNUAL	ALL	1
373,219	3,755,705	0.00	0	0	1.8	ANNUAL	ALL	1
373,131	3,755,567	0.00	0	0	1.8	ANNUAL	ALL	1
372,624	3,755,182	0.00	0	0	1.8	ANNUAL	ALL	1
373,222	3,755,569	0.00	0	0	1.8	ANNUAL	ALL	1
372,725	3,755,177	0.00	0	0	1.8	ANNUAL	ALL	1
373,448	3,755,560	0.00	0	0	1.8	ANNUAL	ALL	1
373,046	3,755,174	0.00	0	0	1.8	ANNUAL	ALL	1

Annual PM10 - Uncontrolled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM YRS**
370,479	3,756,654	3.33	0	0	1.8	ANNUAL	ALL	1
370,754	3,756,818	0.86	0	0	1.8	ANNUAL	ALL	1
371,031	3,756,807	0.35	0	0	1.8	ANNUAL	ALL	1
371,033	3,756,780	0.33	0	0	1.8	ANNUAL	ALL	1
370,764	3,757,087	0.31	0	0	1.8	ANNUAL	ALL	1
371,034	3,757,085	0.30	0	0	1.8	ANNUAL	ALL	1
371,035	3,757,133	0.26	0	0	1.8	ANNUAL	ALL	1
371,514	3,757,136	0.16	0	0	1.8	ANNUAL	ALL	1
371,483	3,756,770	0.10	0	0	1.8	ANNUAL	ALL	1
372,002	3,757,140	0.08	0	0	1.8	ANNUAL	ALL	1
372,020	3,757,552	0.07	0	0	1.8	ANNUAL	ALL	1
371,817	3,756,763	0.05	0	0	1.8	ANNUAL	ALL	1
371,122	3,757,584	0.05	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,585	0.05	0	0	1.8	ANNUAL	ALL	1
372,023	3,757,843	0.05	0	0	1.8	ANNUAL	ALL	1
371,970	3,757,842	0.05	0	0	1.8	ANNUAL	ALL	1
371,964	3,757,922	0.04	0	0	1.8	ANNUAL	ALL	1
371,372	3,757,782	0.04	0	0	1.8	ANNUAL	ALL	1
371,908	3,757,934	0.04	0	0	1.8	ANNUAL	ALL	1
371,399	3,757,806	0.04	0	0	1.8	ANNUAL	ALL	1
371,193	3,757,720	0.04	0	0	1.8	ANNUAL	ALL	1
371,254	3,757,762	0.03	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,668	0.03	0	0	1.8	ANNUAL	ALL	1
371,264	3,757,783	0.03	0	0	1.8	ANNUAL	ALL	1
370,945	3,757,670	0.03	0	0	1.8	ANNUAL	ALL	1
372,274	3,756,753	0.03	0	0	1.8	ANNUAL	ALL	1
371,798	3,758,080	0.03	0	0	1.8	ANNUAL	ALL	1
370,907	3,757,702	0.02	0	0	1.8	ANNUAL	ALL	1
370,885	3,757,751	0.02	0	0	1.8	ANNUAL	ALL	1
372,713	3,756,743	0.02	0	0	1.8	ANNUAL	ALL	1
369,498	3,755,268	0.02	0	0	1.8	ANNUAL	ALL	1
369,409	3,757,730	0.02	0	0	1.8	ANNUAL	ALL	1
369,787	3,755,267	0.01	0	0	1.8	ANNUAL	ALL	1
369,194	3,755,270	0.01	0	0	1.8	ANNUAL	ALL	1
369,454	3,757,776	0.01	0	0	1.8	ANNUAL	ALL	1
366,902	3,756,692	0.01	0	0	1.8	ANNUAL	ALL	1
368,604	3,757,719	0.01	0	0	1.8	ANNUAL	ALL	1
366,985	3,756,358	0.01	0	0	1.8	ANNUAL	ALL	1
366,853	3,756,663	0.01	0	0	1.8	ANNUAL	ALL	1
366,876	3,756,760	0.01	0	0	1.8	ANNUAL	ALL	1
369,080	3,757,864	0.01	0	0	1.8	ANNUAL	ALL	1
368,770	3,757,799	0.01	0	0	1.8	ANNUAL	ALL	1
367,114	3,756,056	0.01	0	0	1.8	ANNUAL	ALL	1
366,813	3,756,739	0.01	0	0	1.8	ANNUAL	ALL	1
368,603	3,757,765	0.01	0	0	1.8	ANNUAL	ALL	1
368,309	3,757,762	0.01	0	0	1.8	ANNUAL	ALL	1

Annual PM10 - Uncontrolled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
370,076	3,755,265	0.01	0	0	1.8	ANNUAL	ALL	1
369,017	3,757,954	0.01	0	0	1.8	ANNUAL	ALL	1
369,224	3,757,952	0.01	0	0	1.8	ANNUAL	ALL	1
368,889	3,755,272	0.01	0	0	1.8	ANNUAL	ALL	1
367,301	3,755,623	0.01	0	0	1.8	ANNUAL	ALL	1
372,703	3,756,553	0.01	0	0	1.8	ANNUAL	ALL	1
368,233	3,757,790	0.01	0	0	1.8	ANNUAL	ALL	1
367,769	3,757,644	0.01	0	0	1.8	ANNUAL	ALL	1
366,677	3,757,025	0.01	0	0	1.8	ANNUAL	ALL	1
369,265	3,757,997	0.01	0	0	1.8	ANNUAL	ALL	1
370,298	3,757,963	0.01	0	0	1.8	ANNUAL	ALL	1
372,819	3,756,549	0.01	0	0	1.8	ANNUAL	ALL	1
368,109	3,757,840	0.01	0	0	1.8	ANNUAL	ALL	1
370,382	3,757,966	0.01	0	0	1.8	ANNUAL	ALL	1
367,609	3,757,677	0.01	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,719	0.01	0	0	1.8	ANNUAL	ALL	1
370,886	3,758,089	0.01	0	0	1.8	ANNUAL	ALL	1
367,413	3,757,695	0.01	0	0	1.8	ANNUAL	ALL	1
367,291	3,757,694	0.01	0	0	1.8	ANNUAL	ALL	1
366,536	3,757,322	0.01	0	0	1.8	ANNUAL	ALL	1
370,510	3,758,027	0.01	0	0	1.8	ANNUAL	ALL	1
367,809	3,757,835	0.01	0	0	1.8	ANNUAL	ALL	1
367,410	3,757,736	0.01	0	0	1.8	ANNUAL	ALL	1
370,299	3,758,078	0.01	0	0	1.8	ANNUAL	ALL	1
366,999	3,757,642	0.01	0	0	1.8	ANNUAL	ALL	1
367,905	3,757,930	0.01	0	0	1.8	ANNUAL	ALL	1
366,777	3,757,520	0.01	0	0	1.8	ANNUAL	ALL	1
367,518	3,757,796	0.01	0	0	1.8	ANNUAL	ALL	1
367,174	3,757,740	0.01	0	0	1.8	ANNUAL	ALL	1
367,539	3,757,802	0.01	0	0	1.8	ANNUAL	ALL	1
367,914	3,757,962	0.01	0	0	1.8	ANNUAL	ALL	1
366,624	3,757,468	0.01	0	0	1.8	ANNUAL	ALL	1
369,850	3,758,078	0.01	0	0	1.8	ANNUAL	ALL	1
367,807	3,757,936	0.01	0	0	1.8	ANNUAL	ALL	1
370,506	3,758,088	0.01	0	0	1.8	ANNUAL	ALL	1
366,644	3,757,531	0.01	0	0	1.8	ANNUAL	ALL	1
368,569	3,755,273	0.01	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,959	0.01	0	0	1.8	ANNUAL	ALL	1
370,380	3,755,263	0.01	0	0	1.8	ANNUAL	ALL	1
372,814	3,756,455	0.01	0	0	1.8	ANNUAL	ALL	1
367,798	3,758,011	0.01	0	0	1.8	ANNUAL	ALL	1
366,487	3,757,537	0.01	0	0	1.8	ANNUAL	ALL	1
369,452	3,758,128	0.01	0	0	1.8	ANNUAL	ALL	1
366,437	3,757,531	0.01	0	0	1.8	ANNUAL	ALL	1
367,484	3,755,199	0.01	0	0	1.8	ANNUAL	ALL	1
368,275	3,755,275	0.01	0	0	1.8	ANNUAL	ALL	1

Annual PM10 - Uncontrolled								
* AERMOD (07026): LAX CUP CONSTRUCTION								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
367,936	3,755,213	0.01	0	0	1.8	ANNUAL	ALL	1
370,996	3,755,560	0.01	0	0	1.8	ANNUAL	ALL	1
372,705	3,756,372	0.01	0	0	1.8	ANNUAL	ALL	1
371,001	3,755,419	0.01	0	0	1.8	ANNUAL	ALL	1
371,042	3,755,556	0.01	0	0	1.8	ANNUAL	ALL	1
372,797	3,756,368	0.01	0	0	1.8	ANNUAL	ALL	1
370,801	3,755,276	0.01	0	0	1.8	ANNUAL	ALL	1
371,043	3,755,384	0.01	0	0	1.8	ANNUAL	ALL	1
369,853	3,758,394	0.01	0	0	1.8	ANNUAL	ALL	1
370,667	3,755,262	0.01	0	0	1.8	ANNUAL	ALL	1
371,056	3,755,349	0.01	0	0	1.8	ANNUAL	ALL	1
372,706	3,756,327	0.01	0	0	1.8	ANNUAL	ALL	1
371,049	3,755,196	0.00	0	0	1.8	ANNUAL	ALL	1
369,460	3,758,394	0.00	0	0	1.8	ANNUAL	ALL	1
372,927	3,756,319	0.00	0	0	1.8	ANNUAL	ALL	1
372,926	3,756,245	0.00	0	0	1.8	ANNUAL	ALL	1
373,457	3,756,236	0.00	0	0	1.8	ANNUAL	ALL	1
371,463	3,755,192	0.00	0	0	1.8	ANNUAL	ALL	1
371,843	3,755,189	0.00	0	0	1.8	ANNUAL	ALL	1
372,238	3,755,186	0.00	0	0	1.8	ANNUAL	ALL	1
373,054	3,755,563	0.00	0	0	1.8	ANNUAL	ALL	1
372,624	3,755,182	0.00	0	0	1.8	ANNUAL	ALL	1
373,135	3,755,704	0.00	0	0	1.8	ANNUAL	ALL	1
373,131	3,755,567	0.00	0	0	1.8	ANNUAL	ALL	1
372,725	3,755,177	0.00	0	0	1.8	ANNUAL	ALL	1
373,219	3,755,705	0.00	0	0	1.8	ANNUAL	ALL	1
373,222	3,755,569	0.00	0	0	1.8	ANNUAL	ALL	1
373,448	3,755,560	0.00	0	0	1.8	ANNUAL	ALL	1
373,046	3,755,174	0.00	0	0	1.8	ANNUAL	ALL	1

24-Hour PM2.5 - Controlled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
370,479	3,756,654	5.70	0	0	1.8	24-HR	ALL	1ST	96021424
370,754	3,756,818	1.57	0	0	1.8	24-HR	ALL	1ST	96100824
370,764	3,757,087	1.22	0	0	1.8	24-HR	ALL	1ST	96092924
371,033	3,756,780	0.88	0	0	1.8	24-HR	ALL	1ST	96021424
371,031	3,756,807	0.87	0	0	1.8	24-HR	ALL	1ST	96021424
371,034	3,757,085	0.81	0	0	1.8	24-HR	ALL	1ST	96100824
371,035	3,757,133	0.80	0	0	1.8	24-HR	ALL	1ST	96100824
371,122	3,757,584	0.43	0	0	1.8	24-HR	ALL	1ST	96092924
371,483	3,756,770	0.43	0	0	1.8	24-HR	ALL	1ST	96021424
369,498	3,755,268	0.41	0	0	1.8	24-HR	ALL	1ST	96012624
371,046	3,757,585	0.41	0	0	1.8	24-HR	ALL	1ST	96092924
369,194	3,755,270	0.40	0	0	1.8	24-HR	ALL	1ST	96012624
371,193	3,757,720	0.34	0	0	1.8	24-HR	ALL	1ST	96092924
371,372	3,757,782	0.33	0	0	1.8	24-HR	ALL	1ST	96092924
371,254	3,757,762	0.33	0	0	1.8	24-HR	ALL	1ST	96092924
371,046	3,757,668	0.33	0	0	1.8	24-HR	ALL	1ST	96092924
368,889	3,755,272	0.32	0	0	1.8	24-HR	ALL	1ST	96020724
371,399	3,757,806	0.32	0	0	1.8	24-HR	ALL	1ST	96092924
371,264	3,757,783	0.32	0	0	1.8	24-HR	ALL	1ST	96092924
369,787	3,755,267	0.31	0	0	1.8	24-HR	ALL	1ST	96011024
371,514	3,757,136	0.30	0	0	1.8	24-HR	ALL	1ST	96100824
371,817	3,756,763	0.28	0	0	1.8	24-HR	ALL	1ST	96021424
370,945	3,757,670	0.27	0	0	1.8	24-HR	ALL	1ST	96092924
369,850	3,758,078	0.24	0	0	1.8	24-HR	ALL	1ST	96032224
369,080	3,757,864	0.24	0	0	1.8	24-HR	ALL	1ST	96020124
371,970	3,757,842	0.24	0	0	1.8	24-HR	ALL	1ST	96100824
369,409	3,757,730	0.23	0	0	1.8	24-HR	ALL	1ST	96020124
371,798	3,758,080	0.23	0	0	1.8	24-HR	ALL	1ST	96092924
372,023	3,757,843	0.23	0	0	1.8	24-HR	ALL	1ST	96100824
372,002	3,757,140	0.23	0	0	1.8	24-HR	ALL	1ST	96021424
371,964	3,757,922	0.22	0	0	1.8	24-HR	ALL	1ST	96100824
370,907	3,757,702	0.22	0	0	1.8	24-HR	ALL	1ST	96092924
371,908	3,757,934	0.22	0	0	1.8	24-HR	ALL	1ST	96100824
370,076	3,755,265	0.22	0	0	1.8	24-HR	ALL	1ST	96011024
369,017	3,757,954	0.22	0	0	1.8	24-HR	ALL	1ST	96020124
372,020	3,757,552	0.20	0	0	1.8	24-HR	ALL	1ST	96100824
369,853	3,758,394	0.20	0	0	1.8	24-HR	ALL	1ST	96032224
369,454	3,757,776	0.19	0	0	1.8	24-HR	ALL	1ST	96020124
369,224	3,757,952	0.18	0	0	1.8	24-HR	ALL	1ST	96020124
366,876	3,756,760	0.18	0	0	1.8	24-HR	ALL	1ST	96012924
366,902	3,756,692	0.18	0	0	1.8	24-HR	ALL	1ST	96012924
370,885	3,757,751	0.18	0	0	1.8	24-HR	ALL	1ST	96092924
368,569	3,755,273	0.18	0	0	1.8	24-HR	ALL	1ST	96020724
366,813	3,756,739	0.18	0	0	1.8	24-HR	ALL	1ST	96012924
368,770	3,757,799	0.18	0	0	1.8	24-HR	ALL	1ST	96020124
372,274	3,756,753	0.17	0	0	1.8	24-HR	ALL	1ST	96021424

24-Hour PM2.5 - Controlled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
366,853	3,756,663	0.17	0	0	1.8	24-HR	ALL	1ST	96012924
367,936	3,755,213	0.17	0	0	1.8	24-HR	ALL	1ST	96011524
367,114	3,756,056	0.17	0	0	1.8	24-HR	ALL	1ST	96030224
367,769	3,757,644	0.17	0	0	1.8	24-HR	ALL	1ST	96020224
370,298	3,757,963	0.17	0	0	1.8	24-HR	ALL	1ST	96010124
366,999	3,757,642	0.17	0	0	1.8	24-HR	ALL	1ST	96020224
367,609	3,757,677	0.17	0	0	1.8	24-HR	ALL	1ST	96020224
367,291	3,757,694	0.16	0	0	1.8	24-HR	ALL	1ST	96020224
367,413	3,757,695	0.16	0	0	1.8	24-HR	ALL	1ST	96020224
367,484	3,755,199	0.16	0	0	1.8	24-HR	ALL	1ST	96011524
368,275	3,755,275	0.16	0	0	1.8	24-HR	ALL	1ST	96011524
370,382	3,757,966	0.16	0	0	1.8	24-HR	ALL	1ST	96010124
369,265	3,757,997	0.16	0	0	1.8	24-HR	ALL	1ST	96020124
366,777	3,757,520	0.16	0	0	1.8	24-HR	ALL	1ST	96020224
367,174	3,757,740	0.15	0	0	1.8	24-HR	ALL	1ST	96020224
366,985	3,756,358	0.15	0	0	1.8	24-HR	ALL	1ST	96020424
367,410	3,757,736	0.15	0	0	1.8	24-HR	ALL	1ST	96020224
370,299	3,758,078	0.15	0	0	1.8	24-HR	ALL	1ST	96010124
366,644	3,757,531	0.15	0	0	1.8	24-HR	ALL	1ST	96020224
367,775	3,757,719	0.15	0	0	1.8	24-HR	ALL	1ST	96020224
366,677	3,757,025	0.14	0	0	1.8	24-HR	ALL	1ST	96012924
366,624	3,757,468	0.14	0	0	1.8	24-HR	ALL	1ST	96020224
366,487	3,757,537	0.14	0	0	1.8	24-HR	ALL	1ST	96020224
367,518	3,757,796	0.13	0	0	1.8	24-HR	ALL	1ST	96020224
366,437	3,757,531	0.13	0	0	1.8	24-HR	ALL	1ST	96020224
367,301	3,755,623	0.13	0	0	1.8	24-HR	ALL	1ST	96021324
367,539	3,757,802	0.13	0	0	1.8	24-HR	ALL	1ST	96020224
370,380	3,755,263	0.13	0	0	1.8	24-HR	ALL	1ST	96030124
370,996	3,755,560	0.13	0	0	1.8	24-HR	ALL	1ST	96100724
371,001	3,755,419	0.13	0	0	1.8	24-HR	ALL	1ST	96100724
370,510	3,758,027	0.13	0	0	1.8	24-HR	ALL	1ST	96010124
370,506	3,758,088	0.12	0	0	1.8	24-HR	ALL	1ST	96010124
372,713	3,756,743	0.12	0	0	1.8	24-HR	ALL	1ST	96021424
371,043	3,755,384	0.12	0	0	1.8	24-HR	ALL	1ST	96100724
368,603	3,757,765	0.12	0	0	1.8	24-HR	ALL	1ST	96020124
371,042	3,755,556	0.12	0	0	1.8	24-HR	ALL	1ST	96100724
366,536	3,757,322	0.12	0	0	1.8	24-HR	ALL	1ST	96020224
371,056	3,755,349	0.12	0	0	1.8	24-HR	ALL	1ST	96100724
367,809	3,757,835	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
370,801	3,755,276	0.11	0	0	1.8	24-HR	ALL	1ST	96100724
368,309	3,757,762	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
368,604	3,757,719	0.11	0	0	1.8	24-HR	ALL	1ST	96020124
371,049	3,755,196	0.11	0	0	1.8	24-HR	ALL	1ST	96100724
368,233	3,757,790	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
370,886	3,758,089	0.11	0	0	1.8	24-HR	ALL	1ST	96040824
368,109	3,757,840	0.10	0	0	1.8	24-HR	ALL	1ST	96020224

24-Hour PM2.5 - Controlled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
369,452	3,758,128	0.10	0	0	1.8	24-HR	ALL	1ST	96020324
370,667	3,755,262	0.09	0	0	1.8	24-HR	ALL	1ST	96021424
367,807	3,757,936	0.09	0	0	1.8	24-HR	ALL	1ST	96020224
369,460	3,758,394	0.09	0	0	1.8	24-HR	ALL	1ST	96032224
367,905	3,757,930	0.09	0	0	1.8	24-HR	ALL	1ST	96020224
367,775	3,757,959	0.09	0	0	1.8	24-HR	ALL	1ST	96020224
367,914	3,757,962	0.08	0	0	1.8	24-HR	ALL	1ST	96020224
367,798	3,758,011	0.08	0	0	1.8	24-HR	ALL	1ST	96020224
372,703	3,756,553	0.07	0	0	1.8	24-HR	ALL	1ST	96021424
372,819	3,756,549	0.07	0	0	1.8	24-HR	ALL	1ST	96021424
372,725	3,755,177	0.06	0	0	1.8	24-HR	ALL	1ST	96010224
372,624	3,755,182	0.06	0	0	1.8	24-HR	ALL	1ST	96010224
371,463	3,755,192	0.06	0	0	1.8	24-HR	ALL	1ST	96100724
373,046	3,755,174	0.06	0	0	1.8	24-HR	ALL	1ST	96010224
372,814	3,756,455	0.05	0	0	1.8	24-HR	ALL	1ST	96021424
372,238	3,755,186	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
373,054	3,755,563	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
373,131	3,755,567	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
372,705	3,756,372	0.05	0	0	1.8	24-HR	ALL	1ST	96021424
372,797	3,756,368	0.04	0	0	1.8	24-HR	ALL	1ST	96021424
373,222	3,755,569	0.04	0	0	1.8	24-HR	ALL	1ST	96010224
372,706	3,756,327	0.04	0	0	1.8	24-HR	ALL	1ST	96021424
373,135	3,755,704	0.04	0	0	1.8	24-HR	ALL	1ST	96010224
371,843	3,755,189	0.04	0	0	1.8	24-HR	ALL	1ST	96010224
372,927	3,756,319	0.04	0	0	1.8	24-HR	ALL	1ST	96021424
373,219	3,755,705	0.04	0	0	1.8	24-HR	ALL	1ST	96010224
373,448	3,755,560	0.03	0	0	1.8	24-HR	ALL	1ST	96010224
372,926	3,756,245	0.03	0	0	1.8	24-HR	ALL	1ST	96021424
373,457	3,756,236	0.02	0	0	1.8	24-HR	ALL	1ST	96021424

24-Hour PM2.5 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
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* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
370,479	3,756,654	9.32	0	0	1.8	24-HR	ALL	1ST	96021424
370,754	3,756,818	2.35	0	0	1.8	24-HR	ALL	1ST	96100824
370,764	3,757,087	2.00	0	0	1.8	24-HR	ALL	1ST	96092924
371,033	3,756,780	1.47	0	0	1.8	24-HR	ALL	1ST	96021424
371,031	3,756,807	1.44	0	0	1.8	24-HR	ALL	1ST	96021424
371,034	3,757,085	1.30	0	0	1.8	24-HR	ALL	1ST	96100824
371,035	3,757,133	1.30	0	0	1.8	24-HR	ALL	1ST	96100824
371,483	3,756,770	0.72	0	0	1.8	24-HR	ALL	1ST	96021424
371,122	3,757,584	0.71	0	0	1.8	24-HR	ALL	1ST	96092924
369,194	3,755,270	0.67	0	0	1.8	24-HR	ALL	1ST	96012624
369,498	3,755,268	0.66	0	0	1.8	24-HR	ALL	1ST	96012624
371,046	3,757,585	0.66	0	0	1.8	24-HR	ALL	1ST	96092924
371,193	3,757,720	0.56	0	0	1.8	24-HR	ALL	1ST	96092924
371,372	3,757,782	0.55	0	0	1.8	24-HR	ALL	1ST	96092924
368,889	3,755,272	0.55	0	0	1.8	24-HR	ALL	1ST	96020724
371,254	3,757,762	0.54	0	0	1.8	24-HR	ALL	1ST	96092924
371,399	3,757,806	0.54	0	0	1.8	24-HR	ALL	1ST	96092924
371,264	3,757,783	0.52	0	0	1.8	24-HR	ALL	1ST	96092924
369,787	3,755,267	0.52	0	0	1.8	24-HR	ALL	1ST	96011024
371,046	3,757,668	0.52	0	0	1.8	24-HR	ALL	1ST	96092924
371,514	3,757,136	0.51	0	0	1.8	24-HR	ALL	1ST	96022024
371,817	3,756,763	0.46	0	0	1.8	24-HR	ALL	1ST	96021424
369,850	3,758,078	0.40	0	0	1.8	24-HR	ALL	1ST	96032224
369,080	3,757,864	0.40	0	0	1.8	24-HR	ALL	1ST	96020124
370,945	3,757,670	0.40	0	0	1.8	24-HR	ALL	1ST	96092924
371,970	3,757,842	0.39	0	0	1.8	24-HR	ALL	1ST	96100824
371,798	3,758,080	0.39	0	0	1.8	24-HR	ALL	1ST	96092924
372,023	3,757,843	0.38	0	0	1.8	24-HR	ALL	1ST	96100824
371,964	3,757,922	0.38	0	0	1.8	24-HR	ALL	1ST	96100824
371,908	3,757,934	0.37	0	0	1.8	24-HR	ALL	1ST	96100824
369,409	3,757,730	0.37	0	0	1.8	24-HR	ALL	1ST	96020124
369,017	3,757,954	0.37	0	0	1.8	24-HR	ALL	1ST	96020124
372,002	3,757,140	0.36	0	0	1.8	24-HR	ALL	1ST	96021424
369,853	3,758,394	0.34	0	0	1.8	24-HR	ALL	1ST	96032224
370,076	3,755,265	0.33	0	0	1.8	24-HR	ALL	1ST	96011024
370,907	3,757,702	0.31	0	0	1.8	24-HR	ALL	1ST	96092924
366,876	3,756,760	0.31	0	0	1.8	24-HR	ALL	1ST	96012924
366,902	3,756,692	0.31	0	0	1.8	24-HR	ALL	1ST	96012924
372,020	3,757,552	0.30	0	0	1.8	24-HR	ALL	1ST	96100824
366,813	3,756,739	0.30	0	0	1.8	24-HR	ALL	1ST	96012924
367,114	3,756,056	0.30	0	0	1.8	24-HR	ALL	1ST	96030224
366,853	3,756,663	0.30	0	0	1.8	24-HR	ALL	1ST	96012924
369,224	3,757,952	0.29	0	0	1.8	24-HR	ALL	1ST	96020124
367,936	3,755,213	0.29	0	0	1.8	24-HR	ALL	1ST	96011524
368,770	3,757,799	0.28	0	0	1.8	24-HR	ALL	1ST	96020124
366,999	3,757,642	0.28	0	0	1.8	24-HR	ALL	1ST	96020224

24-Hour PM2.5 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
369,454	3,757,776	0.28	0	0	1.8	24-HR	ALL	1ST	96020124
367,484	3,755,199	0.28	0	0	1.8	24-HR	ALL	1ST	96011524
370,298	3,757,963	0.28	0	0	1.8	24-HR	ALL	1ST	96010124
372,274	3,756,753	0.28	0	0	1.8	24-HR	ALL	1ST	96021424
370,885	3,757,751	0.28	0	0	1.8	24-HR	ALL	1ST	96092624
366,777	3,757,520	0.27	0	0	1.8	24-HR	ALL	1ST	96020224
367,291	3,757,694	0.27	0	0	1.8	24-HR	ALL	1ST	96020224
367,769	3,757,644	0.27	0	0	1.8	24-HR	ALL	1ST	96020224
367,413	3,757,695	0.27	0	0	1.8	24-HR	ALL	1ST	96020224
370,382	3,757,966	0.26	0	0	1.8	24-HR	ALL	1ST	96010124
366,985	3,756,358	0.26	0	0	1.8	24-HR	ALL	1ST	96020424
368,569	3,755,273	0.26	0	0	1.8	24-HR	ALL	1ST	96020724
367,609	3,757,677	0.26	0	0	1.8	24-HR	ALL	1ST	96020224
366,644	3,757,531	0.25	0	0	1.8	24-HR	ALL	1ST	96020224
367,174	3,757,740	0.25	0	0	1.8	24-HR	ALL	1ST	96020224
370,299	3,758,078	0.25	0	0	1.8	24-HR	ALL	1ST	96010124
368,275	3,755,275	0.25	0	0	1.8	24-HR	ALL	1ST	96011524
367,410	3,757,736	0.24	0	0	1.8	24-HR	ALL	1ST	96020224
366,624	3,757,468	0.24	0	0	1.8	24-HR	ALL	1ST	96020224
366,677	3,757,025	0.24	0	0	1.8	24-HR	ALL	1ST	96012924
369,265	3,757,997	0.24	0	0	1.8	24-HR	ALL	1ST	96020124
366,487	3,757,537	0.23	0	0	1.8	24-HR	ALL	1ST	96020224
366,437	3,757,531	0.23	0	0	1.8	24-HR	ALL	1ST	96020224
367,301	3,755,623	0.23	0	0	1.8	24-HR	ALL	1ST	96021324
367,775	3,757,719	0.22	0	0	1.8	24-HR	ALL	1ST	96020224
370,996	3,755,560	0.21	0	0	1.8	24-HR	ALL	1ST	96100724
371,001	3,755,419	0.21	0	0	1.8	24-HR	ALL	1ST	96100724
370,380	3,755,263	0.21	0	0	1.8	24-HR	ALL	1ST	96030124
367,518	3,757,796	0.20	0	0	1.8	24-HR	ALL	1ST	96020224
370,510	3,758,027	0.20	0	0	1.8	24-HR	ALL	1ST	96010124
371,043	3,755,384	0.20	0	0	1.8	24-HR	ALL	1ST	96100724
367,539	3,757,802	0.20	0	0	1.8	24-HR	ALL	1ST	96020224
370,506	3,758,088	0.20	0	0	1.8	24-HR	ALL	1ST	96010124
371,056	3,755,349	0.20	0	0	1.8	24-HR	ALL	1ST	96100724
371,042	3,755,556	0.19	0	0	1.8	24-HR	ALL	1ST	96100724
366,536	3,757,322	0.19	0	0	1.8	24-HR	ALL	1ST	96020224
371,049	3,755,196	0.19	0	0	1.8	24-HR	ALL	1ST	96100724
370,801	3,755,276	0.19	0	0	1.8	24-HR	ALL	1ST	96100724
372,713	3,756,743	0.19	0	0	1.8	24-HR	ALL	1ST	96021424
370,886	3,758,089	0.18	0	0	1.8	24-HR	ALL	1ST	96040824
368,603	3,757,765	0.18	0	0	1.8	24-HR	ALL	1ST	96020124
369,452	3,758,128	0.16	0	0	1.8	24-HR	ALL	1ST	96020324
368,604	3,757,719	0.16	0	0	1.8	24-HR	ALL	1ST	96020124
370,667	3,755,262	0.16	0	0	1.8	24-HR	ALL	1ST	96021424
367,809	3,757,835	0.15	0	0	1.8	24-HR	ALL	1ST	96020224
368,309	3,757,762	0.14	0	0	1.8	24-HR	ALL	1ST	96020224

24-Hour PM2.5 - Uncontrolled									
* AERMOD (07026): LAX CUP CONSTRUCTION									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
368,233	3,757,790	0.14	0	0	1.8	24-HR	ALL	1ST	96020224
368,109	3,757,840	0.13	0	0	1.8	24-HR	ALL	1ST	96020224
369,460	3,758,394	0.13	0	0	1.8	24-HR	ALL	1ST	96032224
367,807	3,757,936	0.12	0	0	1.8	24-HR	ALL	1ST	96020224
367,905	3,757,930	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
367,775	3,757,959	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
367,914	3,757,962	0.11	0	0	1.8	24-HR	ALL	1ST	96020224
372,725	3,755,177	0.10	0	0	1.8	24-HR	ALL	1ST	96010224
367,798	3,758,011	0.10	0	0	1.8	24-HR	ALL	1ST	96020224
372,703	3,756,553	0.10	0	0	1.8	24-HR	ALL	1ST	96021424
372,624	3,755,182	0.10	0	0	1.8	24-HR	ALL	1ST	96010224
373,046	3,755,174	0.10	0	0	1.8	24-HR	ALL	1ST	96010224
372,819	3,756,549	0.09	0	0	1.8	24-HR	ALL	1ST	96021424
371,463	3,755,192	0.08	0	0	1.8	24-HR	ALL	1ST	96100724
373,054	3,755,563	0.08	0	0	1.8	24-HR	ALL	1ST	96010224
372,238	3,755,186	0.08	0	0	1.8	24-HR	ALL	1ST	96010224
373,131	3,755,567	0.07	0	0	1.8	24-HR	ALL	1ST	96010224
373,222	3,755,569	0.07	0	0	1.8	24-HR	ALL	1ST	96010224
372,814	3,756,455	0.07	0	0	1.8	24-HR	ALL	1ST	96021424
373,135	3,755,704	0.06	0	0	1.8	24-HR	ALL	1ST	96010224
372,705	3,756,372	0.05	0	0	1.8	24-HR	ALL	1ST	96100624
373,448	3,755,560	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
373,219	3,755,705	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
372,797	3,756,368	0.05	0	0	1.8	24-HR	ALL	1ST	96100624
371,843	3,755,189	0.05	0	0	1.8	24-HR	ALL	1ST	96010224
372,706	3,756,327	0.05	0	0	1.8	24-HR	ALL	1ST	96100624
372,927	3,756,319	0.04	0	0	1.8	24-HR	ALL	1ST	96100624
372,926	3,756,245	0.03	0	0	1.8	24-HR	ALL	1ST	96100624
373,457	3,756,236	0.03	0	0	1.8	24-HR	ALL	1ST	96100624

1-Hour CO

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	485.13	0	0	1.8	1-HR	ALL	1ST	96021407
370,754	3,756,818	130.80	0	0	1.8	1-HR	ALL	1ST	96021407
370,764	3,757,087	97.14	0	0	1.8	1-HR	ALL	1ST	96100807
371,033	3,756,780	90.11	0	0	1.8	1-HR	ALL	1ST	96021407
371,031	3,756,807	88.19	0	0	1.8	1-HR	ALL	1ST	96021407
371,035	3,757,133	65.27	0	0	1.8	1-HR	ALL	1ST	96100807
371,034	3,757,085	64.99	0	0	1.8	1-HR	ALL	1ST	96100807
369,498	3,755,268	50.14	0	0	1.8	1-HR	ALL	1ST	96012607
371,483	3,756,770	48.81	0	0	1.8	1-HR	ALL	1ST	96021407
369,194	3,755,270	46.30	0	0	1.8	1-HR	ALL	1ST	96012607
368,889	3,755,272	41.77	0	0	1.8	1-HR	ALL	1ST	96020707
371,046	3,757,585	41.69	0	0	1.8	1-HR	ALL	1ST	96092907
371,122	3,757,584	41.20	0	0	1.8	1-HR	ALL	1ST	96092907
369,409	3,757,730	37.13	0	0	1.8	1-HR	ALL	1ST	96020108
371,046	3,757,668	36.82	0	0	1.8	1-HR	ALL	1ST	96092907
369,850	3,758,078	35.65	0	0	1.8	1-HR	ALL	1ST	96032207
371,193	3,757,720	34.78	0	0	1.8	1-HR	ALL	1ST	96092907
370,945	3,757,670	34.55	0	0	1.8	1-HR	ALL	1ST	96092907
371,817	3,756,763	34.28	0	0	1.8	1-HR	ALL	1ST	96021407
371,514	3,757,136	34.21	0	0	1.8	1-HR	ALL	1ST	96022008
369,454	3,757,776	33.07	0	0	1.8	1-HR	ALL	1ST	96020108
369,787	3,755,267	33.02	0	0	1.8	1-HR	ALL	1ST	96011009
371,254	3,757,762	32.93	0	0	1.8	1-HR	ALL	1ST	96092907
369,080	3,757,864	32.33	0	0	1.8	1-HR	ALL	1ST	96020108
371,264	3,757,783	32.19	0	0	1.8	1-HR	ALL	1ST	96092907
371,372	3,757,782	31.20	0	0	1.8	1-HR	ALL	1ST	96092907
370,907	3,757,702	31.08	0	0	1.8	1-HR	ALL	1ST	96092907
371,399	3,757,806	30.30	0	0	1.8	1-HR	ALL	1ST	96092907
369,017	3,757,954	29.52	0	0	1.8	1-HR	ALL	1ST	96020108
370,298	3,757,963	29.11	0	0	1.8	1-HR	ALL	1ST	96032207
369,224	3,757,952	28.97	0	0	1.8	1-HR	ALL	1ST	96020108
368,569	3,755,273	28.58	0	0	1.8	1-HR	ALL	1ST	96020707
370,076	3,755,265	28.43	0	0	1.8	1-HR	ALL	1ST	96011009
369,853	3,758,394	28.40	0	0	1.8	1-HR	ALL	1ST	96032207
370,885	3,757,751	26.92	0	0	1.8	1-HR	ALL	1ST	96092907
372,002	3,757,140	26.53	0	0	1.8	1-HR	ALL	1ST	96021407
369,265	3,757,997	26.50	0	0	1.8	1-HR	ALL	1ST	96020108
368,770	3,757,799	26.10	0	0	1.8	1-HR	ALL	1ST	96020108
370,299	3,758,078	25.94	0	0	1.8	1-HR	ALL	1ST	96032207
370,382	3,757,966	23.16	0	0	1.8	1-HR	ALL	1ST	96032207
372,274	3,756,753	22.99	0	0	1.8	1-HR	ALL	1ST	96021407
368,275	3,755,275	22.66	0	0	1.8	1-HR	ALL	1ST	96011508
371,908	3,757,934	22.61	0	0	1.8	1-HR	ALL	1ST	96100807
371,970	3,757,842	22.48	0	0	1.8	1-HR	ALL	1ST	96100807
371,964	3,757,922	22.11	0	0	1.8	1-HR	ALL	1ST	96100807

1-Hour CO

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
372,023	3,757,843	21.62	0	0	1.8	1-HR	ALL	1ST	96100807
371,798	3,758,080	21.54	0	0	1.8	1-HR	ALL	1ST	96092907
367,114	3,756,056	21.47	0	0	1.8	1-HR	ALL	1ST	96030207
367,936	3,755,213	21.25	0	0	1.8	1-HR	ALL	1ST	96011508
368,603	3,757,765	20.64	0	0	1.8	1-HR	ALL	1ST	96020108
366,985	3,756,358	20.45	0	0	1.8	1-HR	ALL	1ST	96020407
372,020	3,757,552	20.41	0	0	1.8	1-HR	ALL	1ST	96022008
370,380	3,755,263	20.31	0	0	1.8	1-HR	ALL	1ST	96030107
368,604	3,757,719	19.93	0	0	1.8	1-HR	ALL	1ST	96020108
366,902	3,756,692	19.27	0	0	1.8	1-HR	ALL	1ST	96012907
366,876	3,756,760	19.24	0	0	1.8	1-HR	ALL	1ST	96012907
370,996	3,755,560	19.03	0	0	1.8	1-HR	ALL	1ST	96100707
367,301	3,755,623	18.82	0	0	1.8	1-HR	ALL	1ST	96021607
366,813	3,756,739	18.72	0	0	1.8	1-HR	ALL	1ST	96012907
366,853	3,756,663	18.68	0	0	1.8	1-HR	ALL	1ST	96012907
367,484	3,755,199	18.51	0	0	1.8	1-HR	ALL	1ST	96011508
369,460	3,758,394	17.94	0	0	1.8	1-HR	ALL	1ST	96032207
371,042	3,755,556	17.89	0	0	1.8	1-HR	ALL	1ST	96100707
371,001	3,755,419	17.58	0	0	1.8	1-HR	ALL	1ST	96100707
369,452	3,758,128	17.40	0	0	1.8	1-HR	ALL	1ST	96032207
367,769	3,757,644	17.34	0	0	1.8	1-HR	ALL	1ST	96020207
372,713	3,756,743	16.78	0	0	1.8	1-HR	ALL	1ST	96021407
366,677	3,757,025	16.65	0	0	1.8	1-HR	ALL	1ST	96012907
371,043	3,755,384	16.62	0	0	1.8	1-HR	ALL	1ST	96100707
367,609	3,757,677	16.40	0	0	1.8	1-HR	ALL	1ST	96020207
370,801	3,755,276	16.33	0	0	1.8	1-HR	ALL	1ST	96100707
371,056	3,755,349	16.13	0	0	1.8	1-HR	ALL	1ST	96100707
367,775	3,757,719	15.77	0	0	1.8	1-HR	ALL	1ST	96020207
367,413	3,757,695	15.65	0	0	1.8	1-HR	ALL	1ST	96020207
370,510	3,758,027	15.63	0	0	1.8	1-HR	ALL	1ST	96040807
367,291	3,757,694	15.26	0	0	1.8	1-HR	ALL	1ST	96020207
367,410	3,757,736	15.04	0	0	1.8	1-HR	ALL	1ST	96020207
370,667	3,755,262	14.82	0	0	1.8	1-HR	ALL	1ST	96100707
371,049	3,755,196	14.72	0	0	1.8	1-HR	ALL	1ST	96100707
370,506	3,758,088	14.53	0	0	1.8	1-HR	ALL	1ST	96040807
366,999	3,757,642	14.49	0	0	1.8	1-HR	ALL	1ST	96020207
367,174	3,757,740	14.41	0	0	1.8	1-HR	ALL	1ST	96020207
367,518	3,757,796	14.21	0	0	1.8	1-HR	ALL	1ST	96020207
367,539	3,757,802	14.11	0	0	1.8	1-HR	ALL	1ST	96020207
370,886	3,758,089	14.11	0	0	1.8	1-HR	ALL	1ST	96040807
366,777	3,757,520	13.59	0	0	1.8	1-HR	ALL	1ST	96020207
367,809	3,757,835	13.12	0	0	1.8	1-HR	ALL	1ST	96020207
372,703	3,756,553	12.99	0	0	1.8	1-HR	ALL	1ST	96021407
366,644	3,757,531	12.87	0	0	1.8	1-HR	ALL	1ST	96020207
368,309	3,757,762	12.78	0	0	1.8	1-HR	ALL	1ST	96020108

1-Hour CO									
* AERMOD (07026): LAX CUP CONSTRUCTION HRA									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
366,624	3,757,468	12.62	0	0	1.8	1-HR	ALL	1ST	96020207
368,233	3,757,790	12.34	0	0	1.8	1-HR	ALL	1ST	96020207
366,536	3,757,322	12.16	0	0	1.8	1-HR	ALL	1ST	96012907
372,819	3,756,549	12.11	0	0	1.8	1-HR	ALL	1ST	96021407
366,487	3,757,537	12.07	0	0	1.8	1-HR	ALL	1ST	96020207
366,437	3,757,531	11.81	0	0	1.8	1-HR	ALL	1ST	96020207
368,109	3,757,840	11.70	0	0	1.8	1-HR	ALL	1ST	96020207
367,807	3,757,936	10.87	0	0	1.8	1-HR	ALL	1ST	96020207
367,905	3,757,930	10.57	0	0	1.8	1-HR	ALL	1ST	96020207
367,775	3,757,959	10.51	0	0	1.8	1-HR	ALL	1ST	96020207
372,814	3,756,455	10.21	0	0	1.8	1-HR	ALL	1ST	96021407
367,914	3,757,962	9.81	0	0	1.8	1-HR	ALL	1ST	96020207
371,463	3,755,192	9.77	0	0	1.8	1-HR	ALL	1ST	96100707
367,798	3,758,011	9.33	0	0	1.8	1-HR	ALL	1ST	96020207
372,705	3,756,372	9.13	0	0	1.8	1-HR	ALL	1ST	96021407
372,797	3,756,368	8.64	0	0	1.8	1-HR	ALL	1ST	96021407
372,706	3,756,327	8.12	0	0	1.8	1-HR	ALL	1ST	96021407
372,238	3,755,186	7.88	0	0	1.8	1-HR	ALL	1ST	96010208
372,624	3,755,182	7.65	0	0	1.8	1-HR	ALL	1ST	96010208
372,725	3,755,177	7.47	0	0	1.8	1-HR	ALL	1ST	96010208
372,927	3,756,319	7.22	0	0	1.8	1-HR	ALL	1ST	96021407
371,843	3,755,189	7.07	0	0	1.8	1-HR	ALL	1ST	96010208
373,046	3,755,174	6.79	0	0	1.8	1-HR	ALL	1ST	96010208
373,054	3,755,563	6.72	0	0	1.8	1-HR	ALL	1ST	96010208
373,131	3,755,567	6.39	0	0	1.8	1-HR	ALL	1ST	96010208
373,222	3,755,569	6.00	0	0	1.8	1-HR	ALL	1ST	96010208
372,926	3,756,245	6.00	0	0	1.8	1-HR	ALL	1ST	96021407
373,135	3,755,704	5.92	0	0	1.8	1-HR	ALL	1ST	96010208
373,219	3,755,705	5.55	0	0	1.8	1-HR	ALL	1ST	96010208
373,448	3,755,560	5.21	0	0	1.8	1-HR	ALL	1ST	96010208
373,457	3,756,236	4.84	0	0	1.8	1-HR	ALL	1ST	96021407

8-Hour CO

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	80.92	0	0	1.8	8-HR	ALL	1ST	96021408
370,754	3,756,818	21.97	0	0	1.8	8-HR	ALL	1ST	96100808
370,764	3,757,087	18.83	0	0	1.8	8-HR	ALL	1ST	96100808
371,033	3,756,780	15.03	0	0	1.8	8-HR	ALL	1ST	96021408
371,031	3,756,807	14.71	0	0	1.8	8-HR	ALL	1ST	96021408
371,034	3,757,085	12.96	0	0	1.8	8-HR	ALL	1ST	96100808
371,035	3,757,133	12.94	0	0	1.8	8-HR	ALL	1ST	96100808
369,498	3,755,268	8.36	0	0	1.8	8-HR	ALL	1ST	96012608
371,483	3,756,770	8.14	0	0	1.8	8-HR	ALL	1ST	96021408
369,194	3,755,270	7.72	0	0	1.8	8-HR	ALL	1ST	96012608
368,889	3,755,272	7.04	0	0	1.8	8-HR	ALL	1ST	96020708
371,046	3,757,585	6.95	0	0	1.8	8-HR	ALL	1ST	96092908
371,122	3,757,584	6.87	0	0	1.8	8-HR	ALL	1ST	96092908
371,046	3,757,668	6.14	0	0	1.8	8-HR	ALL	1ST	96092908
371,193	3,757,720	5.80	0	0	1.8	8-HR	ALL	1ST	96092908
370,945	3,757,670	5.76	0	0	1.8	8-HR	ALL	1ST	96092908
371,817	3,756,763	5.71	0	0	1.8	8-HR	ALL	1ST	96021408
371,254	3,757,762	5.49	0	0	1.8	8-HR	ALL	1ST	96092908
371,514	3,757,136	5.37	0	0	1.8	8-HR	ALL	1ST	96021408
371,264	3,757,783	5.36	0	0	1.8	8-HR	ALL	1ST	96092908
369,787	3,755,267	5.28	0	0	1.8	8-HR	ALL	1ST	96012608
371,372	3,757,782	5.20	0	0	1.8	8-HR	ALL	1ST	96092908
370,907	3,757,702	5.18	0	0	1.8	8-HR	ALL	1ST	96092908
371,399	3,757,806	5.05	0	0	1.8	8-HR	ALL	1ST	96092908
368,569	3,755,273	4.89	0	0	1.8	8-HR	ALL	1ST	96020708
369,409	3,757,730	4.64	0	0	1.8	8-HR	ALL	1ST	96020108
370,885	3,757,751	4.49	0	0	1.8	8-HR	ALL	1ST	96092908
369,850	3,758,078	4.46	0	0	1.8	8-HR	ALL	1ST	96032208
372,002	3,757,140	4.42	0	0	1.8	8-HR	ALL	1ST	96021408
371,970	3,757,842	4.25	0	0	1.8	8-HR	ALL	1ST	96100808
371,908	3,757,934	4.18	0	0	1.8	8-HR	ALL	1ST	96100808
369,454	3,757,776	4.13	0	0	1.8	8-HR	ALL	1ST	96020108
371,964	3,757,922	4.13	0	0	1.8	8-HR	ALL	1ST	96100808
372,023	3,757,843	4.10	0	0	1.8	8-HR	ALL	1ST	96100808
367,769	3,757,644	4.07	0	0	1.8	8-HR	ALL	1ST	96020208
370,076	3,755,265	4.06	0	0	1.8	8-HR	ALL	1ST	96011016
369,080	3,757,864	4.04	0	0	1.8	8-HR	ALL	1ST	96020108
367,609	3,757,677	3.85	0	0	1.8	8-HR	ALL	1ST	96020208
372,274	3,756,753	3.83	0	0	1.8	8-HR	ALL	1ST	96021408
368,275	3,755,275	3.78	0	0	1.8	8-HR	ALL	1ST	96011508
367,775	3,757,719	3.74	0	0	1.8	8-HR	ALL	1ST	96020208
372,020	3,757,552	3.71	0	0	1.8	8-HR	ALL	1ST	96100808
369,017	3,757,954	3.69	0	0	1.8	8-HR	ALL	1ST	96020108
371,798	3,758,080	3.66	0	0	1.8	8-HR	ALL	1ST	96100808
367,413	3,757,695	3.65	0	0	1.8	8-HR	ALL	1ST	96020208

8-Hour CO

* AERMOD (07026): LAX CUP CONSTRUCTION HRA

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,298	3,757,963	3.64	0	0	1.8	8-HR	ALL	1ST	96032208
369,224	3,757,952	3.62	0	0	1.8	8-HR	ALL	1ST	96020108
367,114	3,756,056	3.58	0	0	1.8	8-HR	ALL	1ST	96030208
367,291	3,757,694	3.55	0	0	1.8	8-HR	ALL	1ST	96020208
369,853	3,758,394	3.55	0	0	1.8	8-HR	ALL	1ST	96032208
367,936	3,755,213	3.54	0	0	1.8	8-HR	ALL	1ST	96011508
367,410	3,757,736	3.52	0	0	1.8	8-HR	ALL	1ST	96020208
367,518	3,757,796	3.36	0	0	1.8	8-HR	ALL	1ST	96020208
367,174	3,757,740	3.35	0	0	1.8	8-HR	ALL	1ST	96020208
366,999	3,757,642	3.35	0	0	1.8	8-HR	ALL	1ST	96020208
367,539	3,757,802	3.34	0	0	1.8	8-HR	ALL	1ST	96020208
369,265	3,757,997	3.31	0	0	1.8	8-HR	ALL	1ST	96020108
368,770	3,757,799	3.26	0	0	1.8	8-HR	ALL	1ST	96020108
370,299	3,758,078	3.24	0	0	1.8	8-HR	ALL	1ST	96032208
368,309	3,757,762	3.17	0	0	1.8	8-HR	ALL	1ST	96020208
367,809	3,757,835	3.17	0	0	1.8	8-HR	ALL	1ST	96020208
366,777	3,757,520	3.14	0	0	1.8	8-HR	ALL	1ST	96020208
366,902	3,756,692	3.11	0	0	1.8	8-HR	ALL	1ST	96012908
366,876	3,756,760	3.11	0	0	1.8	8-HR	ALL	1ST	96012908
367,484	3,755,199	3.08	0	0	1.8	8-HR	ALL	1ST	96011508
368,233	3,757,790	3.07	0	0	1.8	8-HR	ALL	1ST	96020208
366,813	3,756,739	3.02	0	0	1.8	8-HR	ALL	1ST	96012908
366,853	3,756,663	3.02	0	0	1.8	8-HR	ALL	1ST	96012908
366,985	3,756,358	3.02	0	0	1.8	8-HR	ALL	1ST	96030208
366,644	3,757,531	2.98	0	0	1.8	8-HR	ALL	1ST	96020208
368,604	3,757,719	2.94	0	0	1.8	8-HR	ALL	1ST	96020208
366,624	3,757,468	2.92	0	0	1.8	8-HR	ALL	1ST	96020208
368,109	3,757,840	2.90	0	0	1.8	8-HR	ALL	1ST	96020208
370,382	3,757,966	2.89	0	0	1.8	8-HR	ALL	1ST	96032208
372,713	3,756,743	2.80	0	0	1.8	8-HR	ALL	1ST	96021408
366,487	3,757,537	2.79	0	0	1.8	8-HR	ALL	1ST	96020208
366,437	3,757,531	2.73	0	0	1.8	8-HR	ALL	1ST	96020208
367,301	3,755,623	2.72	0	0	1.8	8-HR	ALL	1ST	96021308
366,677	3,757,025	2.70	0	0	1.8	8-HR	ALL	1ST	96012908
367,807	3,757,936	2.67	0	0	1.8	8-HR	ALL	1ST	96020208
366,536	3,757,322	2.66	0	0	1.8	8-HR	ALL	1ST	96020208
367,905	3,757,930	2.62	0	0	1.8	8-HR	ALL	1ST	96020208
370,510	3,758,027	2.61	0	0	1.8	8-HR	ALL	1ST	96040808
367,775	3,757,959	2.58	0	0	1.8	8-HR	ALL	1ST	96020208
368,603	3,757,765	2.58	0	0	1.8	8-HR	ALL	1ST	96020108
370,380	3,755,263	2.54	0	0	1.8	8-HR	ALL	1ST	96030108
367,914	3,757,962	2.45	0	0	1.8	8-HR	ALL	1ST	96020208
370,886	3,758,089	2.43	0	0	1.8	8-HR	ALL	1ST	96040808
370,506	3,758,088	2.42	0	0	1.8	8-HR	ALL	1ST	96040808
370,996	3,755,560	2.38	0	0	1.8	8-HR	ALL	1ST	96100708

8-Hour CO									
* AERMOD (07026): LAX CUP CONSTRUCTION HRA									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
		CONC							
367,798	3,758,011	2.32	0	0	1.8	8-HR	ALL	1ST	96020208
369,460	3,758,394	2.24	0	0	1.8	8-HR	ALL	1ST	96032208
371,042	3,755,556	2.24	0	0	1.8	8-HR	ALL	1ST	96100708
371,001	3,755,419	2.20	0	0	1.8	8-HR	ALL	1ST	96100708
369,452	3,758,128	2.18	0	0	1.8	8-HR	ALL	1ST	96032208
372,703	3,756,553	2.17	0	0	1.8	8-HR	ALL	1ST	96021408
371,043	3,755,384	2.08	0	0	1.8	8-HR	ALL	1ST	96100708
370,801	3,755,276	2.04	0	0	1.8	8-HR	ALL	1ST	96100708
372,819	3,756,549	2.02	0	0	1.8	8-HR	ALL	1ST	96021408
371,056	3,755,349	2.02	0	0	1.8	8-HR	ALL	1ST	96100708
370,667	3,755,262	1.85	0	0	1.8	8-HR	ALL	1ST	96100708
371,049	3,755,196	1.84	0	0	1.8	8-HR	ALL	1ST	96100708
372,814	3,756,455	1.70	0	0	1.8	8-HR	ALL	1ST	96021408
372,705	3,756,372	1.52	0	0	1.8	8-HR	ALL	1ST	96021408
372,797	3,756,368	1.44	0	0	1.8	8-HR	ALL	1ST	96021408
372,706	3,756,327	1.35	0	0	1.8	8-HR	ALL	1ST	96021408
371,463	3,755,192	1.22	0	0	1.8	8-HR	ALL	1ST	96100708
372,927	3,756,319	1.20	0	0	1.8	8-HR	ALL	1ST	96021408
372,238	3,755,186	1.13	0	0	1.8	8-HR	ALL	1ST	96010208
372,624	3,755,182	1.09	0	0	1.8	8-HR	ALL	1ST	96010208
372,725	3,755,177	1.07	0	0	1.8	8-HR	ALL	1ST	96010208
371,843	3,755,189	1.01	0	0	1.8	8-HR	ALL	1ST	96010208
372,926	3,756,245	1.00	0	0	1.8	8-HR	ALL	1ST	96021408
373,046	3,755,174	0.97	0	0	1.8	8-HR	ALL	1ST	96010208
373,054	3,755,563	0.96	0	0	1.8	8-HR	ALL	1ST	96010208
373,131	3,755,567	0.91	0	0	1.8	8-HR	ALL	1ST	96010208
373,222	3,755,569	0.86	0	0	1.8	8-HR	ALL	1ST	96010208
373,135	3,755,704	0.85	0	0	1.8	8-HR	ALL	1ST	96010208
373,457	3,756,236	0.81	0	0	1.8	8-HR	ALL	1ST	96021408
373,219	3,755,705	0.79	0	0	1.8	8-HR	ALL	1ST	96010208
373,448	3,755,560	0.74	0	0	1.8	8-HR	ALL	1ST	96010208

Summary - LAX CUP Direct Bury Alternative NO_2 and PM10 Impact

	NO_2[1]	NO_2[2]
ug/m3	**1-hour**	**Annual**
Peak	53	5
Background	186	29
Peak+Background	239	33

NAAQS	NA	100
CAAQS	339	57

	PM10	**PM10**
	24-Hour	**Annual**
Peak	5.3	0.5
Background	NA	NA
Peak+Background	NA	NA

SCAQMD	10.4	1.0

[1] Adjusted using the SCAQMD NO2-Nox Ratio

[2] Assumes all emitted NOx as NO2

1-Hour NOx by Source Group

MAIN CUP BUILDING

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	236.4989	0	0	1.8	1-HR	CUP	1ST	96021407
370,754	3,756,818	49.3592	0	0	1.8	1-HR	CUP	1ST	96021407
370,764	3,757,087	35.78475	0	0	1.8	1-HR	CUP	1ST	96092907
371,033	3,756,780	32.17955	0	0	1.8	1-HR	CUP	1ST	96021407
371,031	3,756,807	31.51713	0	0	1.8	1-HR	CUP	1ST	96021407
371,034	3,757,085	23.81872	0	0	1.8	1-HR	CUP	1ST	96100807
371,035	3,757,133	23.66523	0	0	1.8	1-HR	CUP	1ST	96100807
371,483	3,756,770	16.59978	0	0	1.8	1-HR	CUP	1ST	96021407
369,498	3,755,268	16.47413	0	0	1.8	1-HR	CUP	1ST	96012607
369,194	3,755,270	14.45325	0	0	1.8	1-HR	CUP	1ST	96020707
371,122	3,757,584	13.78053	0	0	1.8	1-HR	CUP	1ST	96092907
371,046	3,757,585	13.66201	0	0	1.8	1-HR	CUP	1ST	96092907
369,409	3,757,730	12.57335	0	0	1.8	1-HR	CUP	1ST	96020108
368,889	3,755,272	12.25799	0	0	1.8	1-HR	CUP	1ST	96020707
369,787	3,755,267	12.08057	0	0	1.8	1-HR	CUP	1ST	96012607
371,046	3,757,668	11.7162	0	0	1.8	1-HR	CUP	1ST	96092907
371,514	3,757,136	11.69838	0	0	1.8	1-HR	CUP	1ST	96022008
369,454	3,757,776	11.61992	0	0	1.8	1-HR	CUP	1ST	96020108
371,817	3,756,763	11.40837	0	0	1.8	1-HR	CUP	1ST	96021407
371,193	3,757,720	11.37532	0	0	1.8	1-HR	CUP	1ST	96092907
370,298	3,757,963	11.32107	0	0	1.8	1-HR	CUP	1ST	96032207
371,254	3,757,762	10.79806	0	0	1.8	1-HR	CUP	1ST	96092907
369,850	3,758,078	10.70411	0	0	1.8	1-HR	CUP	1ST	96032207
370,945	3,757,670	10.5353	0	0	1.8	1-HR	CUP	1ST	96092907
371,264	3,757,783	10.5239	0	0	1.8	1-HR	CUP	1ST	96092907
371,372	3,757,782	10.39625	0	0	1.8	1-HR	CUP	1ST	96092907
371,399	3,757,806	10.0883	0	0	1.8	1-HR	CUP	1ST	96092907
370,076	3,755,265	10.05308	0	0	1.8	1-HR	CUP	1ST	96011009
369,080	3,757,864	10.02397	0	0	1.8	1-HR	CUP	1ST	96020108
370,299	3,758,078	9.98629	0	0	1.8	1-HR	CUP	1ST	96032207
369,224	3,757,952	9.68471	0	0	1.8	1-HR	CUP	1ST	96020108
370,382	3,757,966	9.36618	0	0	1.8	1-HR	CUP	1ST	96032207
369,017	3,757,954	9.21265	0	0	1.8	1-HR	CUP	1ST	96020108
370,907	3,757,702	9.16389	0	0	1.8	1-HR	CUP	1ST	96092907
369,265	3,757,997	9.08188	0	0	1.8	1-HR	CUP	1ST	96020108
369,853	3,758,394	8.86773	0	0	1.8	1-HR	CUP	1ST	96032207
372,002	3,757,140	8.79637	0	0	1.8	1-HR	CUP	1ST	96021407
368,569	3,755,273	7.88191	0	0	1.8	1-HR	CUP	1ST	96020707
370,885	3,757,751	7.67418	0	0	1.8	1-HR	CUP	1ST	96092907
372,274	3,756,753	7.53706	0	0	1.8	1-HR	CUP	1ST	96021407
371,970	3,757,842	7.50566	0	0	1.8	1-HR	CUP	1ST	96100807
371,908	3,757,934	7.44562	0	0	1.8	1-HR	CUP	1ST	96100807
368,770	3,757,799	7.32127	0	0	1.8	1-HR	CUP	1ST	96020108
371,964	3,757,922	7.31345	0	0	1.8	1-HR	CUP	1ST	96100807
372,023	3,757,843	7.23837	0	0	1.8	1-HR	CUP	1ST	96100807
371,798	3,758,080	7.1609	0	0	1.8	1-HR	CUP	1ST	96092907
368,275	3,755,275	7.08475	0	0	1.8	1-HR	CUP	1ST	96011508
370,380	3,755,263	6.97989	0	0	1.8	1-HR	CUP	1ST	96030107

1-Hour NOx by Source Group

MAIN CUP BUILDING

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
372,020	3,757,552	6.73346	0	0	1.8	1-HR	CUP	1ST	96022008
370,996	3,755,560	6.60964	0	0	1.8	1-HR	CUP	1ST	96100707
367,936	3,755,213	6.52771	0	0	1.8	1-HR	CUP	1ST	96011508
367,114	3,756,056	6.46534	0	0	1.8	1-HR	CUP	1ST	96030207
371,042	3,755,556	6.28126	0	0	1.8	1-HR	CUP	1ST	96100707
366,985	3,756,358	6.14581	0	0	1.8	1-HR	CUP	1ST	96020407
369,452	3,758,128	6.13926	0	0	1.8	1-HR	CUP	1ST	96020108
370,510	3,758,027	5.96575	0	0	1.8	1-HR	CUP	1ST	96032207
371,001	3,755,419	5.90568	0	0	1.8	1-HR	CUP	1ST	96100707
366,876	3,756,760	5.80187	0	0	1.8	1-HR	CUP	1ST	96012907
366,902	3,756,692	5.78611	0	0	1.8	1-HR	CUP	1ST	96012907
370,506	3,758,088	5.76774	0	0	1.8	1-HR	CUP	1ST	96032207
367,301	3,755,623	5.72653	0	0	1.8	1-HR	CUP	1ST	96021607
366,813	3,756,739	5.64419	0	0	1.8	1-HR	CUP	1ST	96012907
366,853	3,756,663	5.61309	0	0	1.8	1-HR	CUP	1ST	96020407
371,043	3,755,384	5.60281	0	0	1.8	1-HR	CUP	1ST	96100707
367,484	3,755,199	5.58824	0	0	1.8	1-HR	CUP	1ST	96011508
368,603	3,757,765	5.57191	0	0	1.8	1-HR	CUP	1ST	96020108
367,769	3,757,644	5.47434	0	0	1.8	1-HR	CUP	1ST	96020207
372,713	3,756,743	5.44008	0	0	1.8	1-HR	CUP	1ST	96021407
371,056	3,755,349	5.41536	0	0	1.8	1-HR	CUP	1ST	96100707
368,604	3,757,719	5.30463	0	0	1.8	1-HR	CUP	1ST	96020108
367,609	3,757,677	5.15404	0	0	1.8	1-HR	CUP	1ST	96020207
366,677	3,757,025	5.10047	0	0	1.8	1-HR	CUP	1ST	96012907
367,775	3,757,719	5.03887	0	0	1.8	1-HR	CUP	1ST	96020207
370,801	3,755,276	4.96766	0	0	1.8	1-HR	CUP	1ST	96100707
367,413	3,757,695	4.88564	0	0	1.8	1-HR	CUP	1ST	96020207
370,886	3,758,089	4.82462	0	0	1.8	1-HR	CUP	1ST	96040807
371,049	3,755,196	4.7867	0	0	1.8	1-HR	CUP	1ST	96100707
367,291	3,757,694	4.74154	0	0	1.8	1-HR	CUP	1ST	96020207
367,410	3,757,736	4.72193	0	0	1.8	1-HR	CUP	1ST	96020207
369,460	3,758,394	4.61645	0	0	1.8	1-HR	CUP	1ST	96032207
370,667	3,755,262	4.54419	0	0	1.8	1-HR	CUP	1ST	96030107
367,518	3,757,796	4.52478	0	0	1.8	1-HR	CUP	1ST	96020207
367,539	3,757,802	4.50021	0	0	1.8	1-HR	CUP	1ST	96020207
367,174	3,757,740	4.48552	0	0	1.8	1-HR	CUP	1ST	96020207
366,999	3,757,642	4.43552	0	0	1.8	1-HR	CUP	1ST	96020207
368,309	3,757,762	4.34387	0	0	1.8	1-HR	CUP	1ST	96020207
367,809	3,757,835	4.29701	0	0	1.8	1-HR	CUP	1ST	96020207
368,233	3,757,790	4.20345	0	0	1.8	1-HR	CUP	1ST	96020207
372,703	3,756,553	4.18502	0	0	1.8	1-HR	CUP	1ST	96021407
366,777	3,757,520	4.1056	0	0	1.8	1-HR	CUP	1ST	96020207
368,109	3,757,840	3.96364	0	0	1.8	1-HR	CUP	1ST	96020207
372,819	3,756,549	3.88184	0	0	1.8	1-HR	CUP	1ST	96021407
366,644	3,757,531	3.87892	0	0	1.8	1-HR	CUP	1ST	96020207
366,536	3,757,322	3.82126	0	0	1.8	1-HR	CUP	1ST	96012907
366,624	3,757,468	3.78782	0	0	1.8	1-HR	CUP	1ST	96020207
366,487	3,757,537	3.63199	0	0	1.8	1-HR	CUP	1ST	96020207

1-Hour NOx by Source Group

MAIN CUP BUILDING

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: CUP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
367,807	3,757,936	3.62739	0	0	1.8	1-HR	CUP	1ST	96020207
366,437	3,757,531	3.55522	0	0	1.8	1-HR	CUP	1ST	96020207
367,905	3,757,930	3.55392	0	0	1.8	1-HR	CUP	1ST	96020207
367,775	3,757,959	3.51091	0	0	1.8	1-HR	CUP	1ST	96020207
371,463	3,755,192	3.43944	0	0	1.8	1-HR	CUP	1ST	96100707
367,914	3,757,962	3.32539	0	0	1.8	1-HR	CUP	1ST	96020207
372,814	3,756,455	3.26305	0	0	1.8	1-HR	CUP	1ST	96021407
367,798	3,758,011	3.15361	0	0	1.8	1-HR	CUP	1ST	96020207
372,705	3,756,372	2.86542	0	0	1.8	1-HR	CUP	1ST	96021407
372,797	3,756,368	2.70961	0	0	1.8	1-HR	CUP	1ST	96021407
372,706	3,756,327	2.54722	0	0	1.8	1-HR	CUP	1ST	96021407
372,238	3,755,186	2.42089	0	0	1.8	1-HR	CUP	1ST	96010208
372,624	3,755,182	2.41432	0	0	1.8	1-HR	CUP	1ST	96010208
372,725	3,755,177	2.36939	0	0	1.8	1-HR	CUP	1ST	96010208
372,927	3,756,319	2.25872	0	0	1.8	1-HR	CUP	1ST	96021407
373,054	3,755,563	2.22631	0	0	1.8	1-HR	CUP	1ST	96010208
373,046	3,755,174	2.1806	0	0	1.8	1-HR	CUP	1ST	96010208
373,131	3,755,567	2.1136	0	0	1.8	1-HR	CUP	1ST	96010208
371,843	3,755,189	2.06184	0	0	1.8	1-HR	CUP	1ST	96010208
373,222	3,755,569	1.99432	0	0	1.8	1-HR	CUP	1ST	96010208
373,135	3,755,704	1.9823	0	0	1.8	1-HR	CUP	1ST	96010208
373,219	3,755,705	1.85878	0	0	1.8	1-HR	CUP	1ST	96010208
372,926	3,756,245	1.85632	0	0	1.8	1-HR	CUP	1ST	96021407
373,448	3,755,560	1.73694	0	0	1.8	1-HR	CUP	1ST	96010208
373,457	3,756,236	1.49619	0	0	1.8	1-HR	CUP	1ST	96021407

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	21.95864	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,754	3,756,818	5.87155	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,764	3,757,087	3.95223	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,033	3,756,780	3.66904	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,031	3,756,807	3.46435	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,034	3,757,085	2.93164	0	0	1.8	1-HR	ECOOL	1ST	96100807
371,035	3,757,133	2.81696	0	0	1.8	1-HR	ECOOL	1ST	96100807
369,498	3,755,268	2.21502	0	0	1.8	1-HR	ECOOL	1ST	96012607
371,483	3,756,770	2.09454	0	0	1.8	1-HR	ECOOL	1ST	96021407
369,194	3,755,270	1.93314	0	0	1.8	1-HR	ECOOL	1ST	96020707
369,787	3,755,267	1.77432	0	0	1.8	1-HR	ECOOL	1ST	96012607
371,122	3,757,584	1.54264	0	0	1.8	1-HR	ECOOL	1ST	96092907
368,889	3,755,272	1.50547	0	0	1.8	1-HR	ECOOL	1ST	96020707
371,046	3,757,585	1.48636	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,817	3,756,763	1.48184	0	0	1.8	1-HR	ECOOL	1ST	96021407
371,514	3,757,136	1.43053	0	0	1.8	1-HR	ECOOL	1ST	96022008
369,409	3,757,730	1.4218	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,076	3,755,265	1.37277	0	0	1.8	1-HR	ECOOL	1ST	96011009
370,298	3,757,963	1.31481	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,454	3,757,776	1.28541	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,193	3,757,720	1.27049	0	0	1.8	1-HR	ECOOL	1ST	96092907
369,850	3,758,078	1.26604	0	0	1.8	1-HR	ECOOL	1ST	96032207
371,046	3,757,668	1.2627	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,254	3,757,762	1.21652	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,372	3,757,782	1.20496	0	0	1.8	1-HR	ECOOL	1ST	96092907
369,080	3,757,864	1.19485	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,264	3,757,783	1.18357	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,399	3,757,806	1.1719	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,299	3,758,078	1.1518	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,224	3,757,952	1.1115	0	0	1.8	1-HR	ECOOL	1ST	96020108
369,017	3,757,954	1.09698	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,945	3,757,670	1.08949	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,382	3,757,966	1.08053	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,853	3,758,394	1.05596	0	0	1.8	1-HR	ECOOL	1ST	96032207
369,265	3,757,997	1.02666	0	0	1.8	1-HR	ECOOL	1ST	96020108
372,274	3,756,753	1.001	0	0	1.8	1-HR	ECOOL	1ST	96021407
372,002	3,757,140	0.99065	0	0	1.8	1-HR	ECOOL	1ST	96021407
368,275	3,755,275	0.95531	0	0	1.8	1-HR	ECOOL	1ST	96011508
370,907	3,757,702	0.93812	0	0	1.8	1-HR	ECOOL	1ST	96092907
370,380	3,755,263	0.93784	0	0	1.8	1-HR	ECOOL	1ST	96030107
368,770	3,757,799	0.93481	0	0	1.8	1-HR	ECOOL	1ST	96020108
368,569	3,755,273	0.92489	0	0	1.8	1-HR	ECOOL	1ST	96011508
371,970	3,757,842	0.91351	0	0	1.8	1-HR	ECOOL	1ST	96100807
372,023	3,757,843	0.88817	0	0	1.8	1-HR	ECOOL	1ST	96100807
371,908	3,757,934	0.88232	0	0	1.8	1-HR	ECOOL	1ST	96100807
371,964	3,757,922	0.88009	0	0	1.8	1-HR	ECOOL	1ST	96100807
372,020	3,757,552	0.86915	0	0	1.8	1-HR	ECOOL	1ST	96100807
370,996	3,755,560	0.86863	0	0	1.8	1-HR	ECOOL	1ST	96100707

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
371,798	3,758,080	0.86221	0	0	1.8	1-HR	ECOOL	1ST	96092907
367,936	3,755,213	0.85085	0	0	1.8	1-HR	ECOOL	1ST	96011508
371,042	3,755,556	0.81708	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,114	3,756,056	0.80574	0	0	1.8	1-HR	ECOOL	1ST	96030207
371,001	3,755,419	0.78441	0	0	1.8	1-HR	ECOOL	1ST	96100707
366,985	3,756,358	0.77543	0	0	1.8	1-HR	ECOOL	1ST	96020407
370,885	3,757,751	0.7695	0	0	1.8	1-HR	ECOOL	1ST	96092907
371,043	3,755,384	0.74158	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,301	3,755,623	0.74013	0	0	1.8	1-HR	ECOOL	1ST	96021607
368,603	3,757,765	0.73831	0	0	1.8	1-HR	ECOOL	1ST	96020108
366,902	3,756,692	0.7303	0	0	1.8	1-HR	ECOOL	1ST	96012907
372,713	3,756,743	0.72638	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,876	3,756,760	0.72245	0	0	1.8	1-HR	ECOOL	1ST	96012907
371,056	3,755,349	0.71515	0	0	1.8	1-HR	ECOOL	1ST	96100707
370,510	3,758,027	0.71475	0	0	1.8	1-HR	ECOOL	1ST	96032207
366,853	3,756,663	0.71316	0	0	1.8	1-HR	ECOOL	1ST	96012907
368,604	3,757,719	0.70838	0	0	1.8	1-HR	ECOOL	1ST	96020108
370,506	3,758,088	0.70681	0	0	1.8	1-HR	ECOOL	1ST	96032207
366,813	3,756,739	0.70497	0	0	1.8	1-HR	ECOOL	1ST	96012907
367,484	3,755,199	0.69496	0	0	1.8	1-HR	ECOOL	1ST	96011508
370,801	3,755,276	0.68868	0	0	1.8	1-HR	ECOOL	1ST	96100707
369,452	3,758,128	0.65834	0	0	1.8	1-HR	ECOOL	1ST	96020108
371,049	3,755,196	0.63756	0	0	1.8	1-HR	ECOOL	1ST	96100707
367,769	3,757,644	0.62693	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,677	3,757,025	0.60463	0	0	1.8	1-HR	ECOOL	1ST	96012907
370,667	3,755,262	0.60376	0	0	1.8	1-HR	ECOOL	1ST	96030107
367,609	3,757,677	0.59955	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,703	3,756,553	0.59152	0	0	1.8	1-HR	ECOOL	1ST	96021407
369,460	3,758,394	0.58682	0	0	1.8	1-HR	ECOOL	1ST	96032207
367,775	3,757,719	0.57377	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,413	3,757,695	0.57311	0	0	1.8	1-HR	ECOOL	1ST	96020207
370,886	3,758,089	0.57242	0	0	1.8	1-HR	ECOOL	1ST	96040807
367,291	3,757,694	0.55952	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,410	3,757,736	0.55294	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,819	3,756,549	0.54609	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,999	3,757,642	0.5386	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,174	3,757,740	0.52871	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,518	3,757,796	0.51702	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,777	3,757,520	0.51252	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,539	3,757,802	0.51172	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,644	3,757,531	0.48653	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,624	3,757,468	0.47954	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,809	3,757,835	0.47746	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,814	3,756,455	0.46997	0	0	1.8	1-HR	ECOOL	1ST	96021407
366,487	3,757,537	0.45898	0	0	1.8	1-HR	ECOOL	1ST	96020207
368,309	3,757,762	0.45625	0	0	1.8	1-HR	ECOOL	1ST	96020207
366,437	3,757,531	0.45014	0	0	1.8	1-HR	ECOOL	1ST	96020207
368,233	3,757,790	0.4424	0	0	1.8	1-HR	ECOOL	1ST	96020207

1-Hour NOx by Source Group

COOLING TOWER

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ECOOL
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
366,536	3,757,322	0.4386	0	0	1.8	1-HR	ECOOL	1ST	96012907
371,463	3,755,192	0.43089	0	0	1.8	1-HR	ECOOL	1ST	96100707
372,705	3,756,372	0.42365	0	0	1.8	1-HR	ECOOL	1ST	96021407
368,109	3,757,840	0.42067	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,797	3,756,368	0.39947	0	0	1.8	1-HR	ECOOL	1ST	96021407
367,807	3,757,936	0.3911	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,905	3,757,930	0.38206	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,706	3,756,327	0.38203	0	0	1.8	1-HR	ECOOL	1ST	96021407
367,775	3,757,959	0.38021	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,914	3,757,962	0.35802	0	0	1.8	1-HR	ECOOL	1ST	96020207
367,798	3,758,011	0.33902	0	0	1.8	1-HR	ECOOL	1ST	96020207
372,927	3,756,319	0.33624	0	0	1.8	1-HR	ECOOL	1ST	96021407
372,238	3,755,186	0.32791	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,624	3,755,182	0.31667	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,725	3,755,177	0.30921	0	0	1.8	1-HR	ECOOL	1ST	96010208
371,843	3,755,189	0.2948	0	0	1.8	1-HR	ECOOL	1ST	96010208
372,926	3,756,245	0.28101	0	0	1.8	1-HR	ECOOL	1ST	96021407
373,046	3,755,174	0.27803	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,054	3,755,563	0.27121	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,131	3,755,567	0.2563	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,222	3,755,569	0.2412	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,135	3,755,704	0.23624	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,457	3,756,236	0.22098	0	0	1.8	1-HR	ECOOL	1ST	96021407
373,219	3,755,705	0.21903	0	0	1.8	1-HR	ECOOL	1ST	96010208
373,448	3,755,560	0.20687	0	0	1.8	1-HR	ECOOL	1ST	96010208

1-Hour NOx by Source Group

STAGING AREA 1

* AERMOD (07026): LAX CUP Direct Buried Pipe

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	7.79681	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
370,754	3,756,818	3.61426	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
370,764	3,757,087	2.69668	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
371,031	3,756,807	2.23644	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,033	3,756,780	2.22067	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,034	3,757,085	1.58099	0	0	1.8	1-HR	STAGE1	1ST	96,022,008
371,035	3,757,133	1.56046	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
369,194	3,755,270	1.35489	0	0	1.8	1-HR	STAGE1	1ST	96,012,607
369,498	3,755,268	1.27889	0	0	1.8	1-HR	STAGE1	1ST	96,012,607
371,046	3,757,585	1.2358	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
371,483	3,756,770	1.20586	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
368,889	3,755,272	1.19818	0	0	1.8	1-HR	STAGE1	1ST	96,020,707
371,122	3,757,584	1.17068	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
371,046	3,757,668	1.13027	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
370,945	3,757,670	1.12397	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
369,409	3,757,730	1.12079	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
369,850	3,758,078	1.11483	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
370,907	3,757,702	1.04354	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
371,193	3,757,720	1.01362	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
369,454	3,757,776	0.98416	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
369,080	3,757,864	0.97302	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
371,514	3,757,136	0.96869	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,254	3,757,762	0.94954	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
371,264	3,757,783	0.93134	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
370,885	3,757,751	0.92949	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
369,787	3,755,267	0.92143	0	0	1.8	1-HR	STAGE1	1ST	96,011,009
368,569	3,755,273	0.88735	0	0	1.8	1-HR	STAGE1	1ST	96,020,707
369,017	3,757,954	0.88248	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
371,372	3,757,782	0.86695	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
369,224	3,757,952	0.86023	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
369,853	3,758,394	0.85401	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
371,817	3,756,763	0.84958	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,399	3,757,806	0.8413	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
369,265	3,757,997	0.77793	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
368,770	3,757,799	0.77217	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
372,002	3,757,140	0.74904	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
370,298	3,757,963	0.72567	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
370,076	3,755,265	0.68805	0	0	1.8	1-HR	STAGE1	1ST	96,011,009
370,299	3,758,078	0.65001	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
371,908	3,757,934	0.62112	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
367,114	3,756,056	0.60256	0	0	1.8	1-HR	STAGE1	1ST	96,030,207
371,798	3,758,080	0.60148	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
368,603	3,757,765	0.601	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
371,964	3,757,922	0.59874	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
371,970	3,757,842	0.59552	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
368,275	3,755,275	0.58418	0	0	1.8	1-HR	STAGE1	1ST	96,011,508
368,604	3,757,719	0.57896	0	0	1.8	1-HR	STAGE1	1ST	96,020,108
372,274	3,756,753	0.57442	0	0	1.8	1-HR	STAGE1	1ST	96,021,407

1-Hour NOx by Source Group

STAGING AREA 1

* AERMOD (07026): LAX CUP Direct Buried Pipe

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
367,936	3,755,213	0.56725	0	0	1.8	1-HR	STAGE1	1ST	96,011,508
366,985	3,756,358	0.56676	0	0	1.8	1-HR	STAGE1	1ST	96,020,407
372,023	3,757,843	0.56637	0	0	1.8	1-HR	STAGE1	1ST	96,100,807
369,460	3,758,394	0.56623	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
372,020	3,757,552	0.55862	0	0	1.8	1-HR	STAGE1	1ST	96,022,008
369,452	3,758,128	0.55628	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
366,876	3,756,760	0.54293	0	0	1.8	1-HR	STAGE1	1ST	96,012,907
366,902	3,756,692	0.53955	0	0	1.8	1-HR	STAGE1	1ST	96,020,407
366,853	3,756,663	0.53401	0	0	1.8	1-HR	STAGE1	1ST	96,020,407
370,382	3,757,966	0.52492	0	0	1.8	1-HR	STAGE1	1ST	96,032,207
366,813	3,756,739	0.52482	0	0	1.8	1-HR	STAGE1	1ST	96,012,907
367,484	3,755,199	0.51912	0	0	1.8	1-HR	STAGE1	1ST	96,011,508
370,380	3,755,263	0.51528	0	0	1.8	1-HR	STAGE1	1ST	96,030,107
367,769	3,757,644	0.51512	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,301	3,755,623	0.50569	0	0	1.8	1-HR	STAGE1	1ST	96,021,607
370,510	3,758,027	0.48719	0	0	1.8	1-HR	STAGE1	1ST	96,040,807
370,996	3,755,560	0.48464	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
367,609	3,757,677	0.48292	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,677	3,757,025	0.48099	0	0	1.8	1-HR	STAGE1	1ST	96,012,907
367,775	3,757,719	0.46787	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,413	3,757,695	0.45769	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
371,001	3,755,419	0.4571	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
370,506	3,758,088	0.45534	0	0	1.8	1-HR	STAGE1	1ST	96,040,807
371,042	3,755,556	0.45286	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
370,801	3,755,276	0.44624	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
367,291	3,757,694	0.44544	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,410	3,757,736	0.44027	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
371,043	3,755,384	0.43188	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
370,886	3,758,089	0.42467	0	0	1.8	1-HR	STAGE1	1ST	96,092,907
367,518	3,757,796	0.42109	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
371,056	3,755,349	0.42011	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
372,713	3,756,743	0.41986	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
367,174	3,757,740	0.41984	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,539	3,757,802	0.41679	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,999	3,757,642	0.41628	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
370,667	3,755,262	0.41622	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
367,809	3,757,835	0.39388	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
371,049	3,755,196	0.39047	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
368,309	3,757,762	0.38923	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,777	3,757,520	0.38431	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
368,233	3,757,790	0.37579	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,536	3,757,322	0.36341	0	0	1.8	1-HR	STAGE1	1ST	96,012,907
366,644	3,757,531	0.36285	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
368,109	3,757,840	0.35496	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,624	3,757,468	0.35396	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,487	3,757,537	0.33911	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
366,437	3,757,531	0.33086	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,807	3,757,936	0.32589	0	0	1.8	1-HR	STAGE1	1ST	96,020,207

1-Hour NOx by Source Group									
			STAGING AREA 1						
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC		DFAULT ELEV	FLGPOL						
*	PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE1								
*	FOR A TOTAL OF 121 RECEPTORS.								
*	FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
372,703	3,756,553	0.32237	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
367,905	3,757,930	0.3197	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,775	3,757,959	0.31524	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
372,819	3,756,549	0.29907	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
367,914	3,757,962	0.29716	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
367,798	3,758,011	0.28082	0	0	1.8	1-HR	STAGE1	1ST	96,020,207
372,814	3,756,455	0.25038	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,463	3,755,192	0.24981	0	0	1.8	1-HR	STAGE1	1ST	96,100,707
372,705	3,756,372	0.21429	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
372,238	3,755,186	0.20866	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
372,624	3,755,182	0.20405	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
372,797	3,756,368	0.20319	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
372,725	3,755,177	0.19888	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
372,706	3,756,327	0.19209	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
371,843	3,755,189	0.18791	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,046	3,755,174	0.18175	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,054	3,755,563	0.18148	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,131	3,755,567	0.17275	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
372,927	3,756,319	0.17219	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
373,222	3,755,569	0.16307	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,135	3,755,704	0.16118	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,219	3,755,705	0.1517	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
373,448	3,755,560	0.14241	0	0	1.8	1-HR	STAGE1	1ST	96,010,208
372,926	3,756,245	0.14043	0	0	1.8	1-HR	STAGE1	1ST	96,021,407
373,457	3,756,236	0.11509	0	0	1.8	1-HR	STAGE1	1ST	96,021,407

1-Hour NOx by Source Group

STAGING AREA 2

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	7.71187	0	0	1.8	1-HR	STAGE2	1ST	96021407
370,754	3,756,818	2.54927	0	0	1.8	1-HR	STAGE2	1ST	96022008
370,764	3,757,087	2.19005	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,033	3,756,780	1.95578	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,031	3,756,807	1.88665	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,035	3,757,133	1.50436	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,034	3,757,085	1.49854	0	0	1.8	1-HR	STAGE2	1ST	96100807
369,498	3,755,268	1.37996	0	0	1.8	1-HR	STAGE2	1ST	96012607
369,194	3,755,270	1.26952	0	0	1.8	1-HR	STAGE2	1ST	96012607
371,483	3,756,770	1.15788	0	0	1.8	1-HR	STAGE2	1ST	96021407
368,889	3,755,272	1.12337	0	0	1.8	1-HR	STAGE2	1ST	96020707
371,046	3,757,585	0.99483	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,122	3,757,584	0.97892	0	0	1.8	1-HR	STAGE2	1ST	96092907
369,787	3,755,267	0.92631	0	0	1.8	1-HR	STAGE2	1ST	96011009
369,850	3,758,078	0.91523	0	0	1.8	1-HR	STAGE2	1ST	96032207
371,046	3,757,668	0.88246	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,817	3,756,763	0.83838	0	0	1.8	1-HR	STAGE2	1ST	96021407
369,409	3,757,730	0.83564	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,945	3,757,670	0.83261	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,193	3,757,720	0.83194	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,514	3,757,136	0.80703	0	0	1.8	1-HR	STAGE2	1ST	96022008
369,080	3,757,864	0.79142	0	0	1.8	1-HR	STAGE2	1ST	96020108
371,254	3,757,762	0.78859	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,264	3,757,783	0.77103	0	0	1.8	1-HR	STAGE2	1ST	96092907
370,907	3,757,702	0.75371	0	0	1.8	1-HR	STAGE2	1ST	96092907
371,372	3,757,782	0.74655	0	0	1.8	1-HR	STAGE2	1ST	96092907
368,569	3,755,273	0.73742	0	0	1.8	1-HR	STAGE2	1ST	96020707
370,076	3,755,265	0.73227	0	0	1.8	1-HR	STAGE2	1ST	96011009
371,399	3,757,806	0.7256	0	0	1.8	1-HR	STAGE2	1ST	96092907
369,017	3,757,954	0.72003	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,454	3,757,776	0.71749	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,853	3,758,394	0.71208	0	0	1.8	1-HR	STAGE2	1ST	96032207
368,770	3,757,799	0.69729	0	0	1.8	1-HR	STAGE2	1ST	96020108
369,224	3,757,952	0.66184	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,885	3,757,751	0.65555	0	0	1.8	1-HR	STAGE2	1ST	96092907
368,275	3,755,275	0.61519	0	0	1.8	1-HR	STAGE2	1ST	96011508
370,298	3,757,963	0.60961	0	0	1.8	1-HR	STAGE2	1ST	96032207
372,002	3,757,140	0.60564	0	0	1.8	1-HR	STAGE2	1ST	96021407
369,265	3,757,997	0.59036	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,274	3,756,753	0.57735	0	0	1.8	1-HR	STAGE2	1ST	96021407
368,603	3,757,765	0.57146	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,936	3,755,213	0.56341	0	0	1.8	1-HR	STAGE2	1ST	96011508
368,604	3,757,719	0.55732	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,114	3,756,056	0.55028	0	0	1.8	1-HR	STAGE2	1ST	96030207
370,299	3,758,078	0.54791	0	0	1.8	1-HR	STAGE2	1ST	96032207
371,908	3,757,934	0.54372	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,970	3,757,842	0.54308	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,964	3,757,922	0.53272	0	0	1.8	1-HR	STAGE2	1ST	96100807

1-Hour NOx by Source Group

STAGING AREA 2

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
366,985	3,756,358	0.52711	0	0	1.8	1-HR	STAGE2	1ST	96020407
372,023	3,757,843	0.52306	0	0	1.8	1-HR	STAGE2	1ST	96100807
371,798	3,758,080	0.52023	0	0	1.8	1-HR	STAGE2	1ST	96092907
370,380	3,755,263	0.51989	0	0	1.8	1-HR	STAGE2	1ST	96030107
366,902	3,756,692	0.49644	0	0	1.8	1-HR	STAGE2	1ST	96012907
367,301	3,755,623	0.49615	0	0	1.8	1-HR	STAGE2	1ST	96021607
369,452	3,758,128	0.496	0	0	1.8	1-HR	STAGE2	1ST	96032207
369,460	3,758,394	0.49397	0	0	1.8	1-HR	STAGE2	1ST	96032207
366,876	3,756,760	0.4906	0	0	1.8	1-HR	STAGE2	1ST	96012907
366,853	3,756,663	0.48519	0	0	1.8	1-HR	STAGE2	1ST	96012907
372,020	3,757,552	0.48486	0	0	1.8	1-HR	STAGE2	1ST	96022008
366,813	3,756,739	0.47866	0	0	1.8	1-HR	STAGE2	1ST	96012907
367,484	3,755,199	0.47858	0	0	1.8	1-HR	STAGE2	1ST	96011508
370,382	3,757,966	0.4615	0	0	1.8	1-HR	STAGE2	1ST	96032207
370,996	3,755,560	0.45387	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,801	3,755,276	0.45311	0	0	1.8	1-HR	STAGE2	1ST	96100707
371,001	3,755,419	0.43834	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,667	3,755,262	0.43208	0	0	1.8	1-HR	STAGE2	1ST	96100707
372,713	3,756,743	0.42576	0	0	1.8	1-HR	STAGE2	1ST	96021407
371,042	3,755,556	0.41697	0	0	1.8	1-HR	STAGE2	1ST	96100707
371,043	3,755,384	0.41038	0	0	1.8	1-HR	STAGE2	1ST	96100707
367,769	3,757,644	0.40803	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,677	3,757,025	0.40622	0	0	1.8	1-HR	STAGE2	1ST	96012907
371,056	3,755,349	0.40015	0	0	1.8	1-HR	STAGE2	1ST	96100707
370,510	3,758,027	0.39072	0	0	1.8	1-HR	STAGE2	1ST	96040807
367,609	3,757,677	0.38656	0	0	1.8	1-HR	STAGE2	1ST	96020207
371,049	3,755,196	0.37801	0	0	1.8	1-HR	STAGE2	1ST	96100707
367,413	3,757,695	0.37372	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,291	3,757,694	0.36901	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,309	3,757,762	0.36856	0	0	1.8	1-HR	STAGE2	1ST	96020108
367,775	3,757,719	0.36428	0	0	1.8	1-HR	STAGE2	1ST	96020207
370,506	3,758,088	0.36385	0	0	1.8	1-HR	STAGE2	1ST	96040807
366,999	3,757,642	0.35921	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,410	3,757,736	0.35876	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,703	3,756,553	0.34984	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,174	3,757,740	0.34872	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,777	3,757,520	0.34655	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,233	3,757,790	0.33836	0	0	1.8	1-HR	STAGE2	1ST	96020108
370,886	3,758,089	0.33464	0	0	1.8	1-HR	STAGE2	1ST	96040807
367,518	3,757,796	0.33177	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,539	3,757,802	0.32968	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,644	3,757,531	0.32947	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,624	3,757,468	0.32681	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,819	3,756,549	0.32304	0	0	1.8	1-HR	STAGE2	1ST	96021407
366,487	3,757,537	0.31028	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,437	3,757,531	0.3046	0	0	1.8	1-HR	STAGE2	1ST	96020207
366,536	3,757,322	0.3015	0	0	1.8	1-HR	STAGE2	1ST	96020207
368,109	3,757,840	0.29265	0	0	1.8	1-HR	STAGE2	1ST	96020108

1-Hour NOx by Source Group									
				STAGING AREA 2					
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC		DFAULT ELEV	FLGPOL						
*	PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE2								
*	FOR A TOTAL OF 121 RECEPTORS.								
*	FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
367,809	3,757,835	0.29247	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,814	3,756,455	0.28044	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,914	3,757,962	0.2508	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,705	3,756,372	0.25038	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,807	3,757,936	0.23866	0	0	1.8	1-HR	STAGE2	1ST	96020207
367,905	3,757,930	0.23688	0	0	1.8	1-HR	STAGE2	1ST	96020108
372,797	3,756,368	0.23616	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,775	3,757,959	0.22973	0	0	1.8	1-HR	STAGE2	1ST	96020207
372,706	3,756,327	0.22796	0	0	1.8	1-HR	STAGE2	1ST	96021407
367,798	3,758,011	0.2228	0	0	1.8	1-HR	STAGE2	1ST	96020108
371,463	3,755,192	0.22157	0	0	1.8	1-HR	STAGE2	1ST	96100707
372,238	3,755,186	0.21198	0	0	1.8	1-HR	STAGE2	1ST	96010208
371,843	3,755,189	0.20263	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,927	3,756,319	0.20016	0	0	1.8	1-HR	STAGE2	1ST	96021407
372,624	3,755,182	0.19666	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,725	3,755,177	0.19073	0	0	1.8	1-HR	STAGE2	1ST	96010208
372,926	3,756,245	0.1697	0	0	1.8	1-HR	STAGE2	1ST	96021407
373,046	3,755,174	0.16911	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,054	3,755,563	0.15856	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,131	3,755,567	0.15012	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,222	3,755,569	0.14073	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,135	3,755,704	0.13663	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,457	3,756,236	0.13391	0	0	1.8	1-HR	STAGE2	1ST	96021407
373,219	3,755,705	0.12813	0	0	1.8	1-HR	STAGE2	1ST	96010208
373,448	3,755,560	0.12156	0	0	1.8	1-HR	STAGE2	1ST	96010208

1-Hour NOx by Source Group

STAGING AREA 3

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	37.39514	0	0	1.8	1-HR	STAGE3	1ST	96020108
370,754	3,756,818	6.4822	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,033	3,756,780	3.00316	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,031	3,756,807	2.74095	0	0	1.8	1-HR	STAGE3	1ST	96022008
371,034	3,757,085	2.18009	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,035	3,757,133	2.02915	0	0	1.8	1-HR	STAGE3	1ST	96092907
370,764	3,757,087	1.9627	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,483	3,756,770	1.54804	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,787	3,755,267	1.20197	0	0	1.8	1-HR	STAGE3	1ST	96012607
371,514	3,757,136	1.06147	0	0	1.8	1-HR	STAGE3	1ST	96100807
369,498	3,755,268	1.05843	0	0	1.8	1-HR	STAGE3	1ST	96020707
371,817	3,756,763	1.03179	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,194	3,755,270	0.92873	0	0	1.8	1-HR	STAGE3	1ST	96020707
370,298	3,757,963	0.91448	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,382	3,757,966	0.88364	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,299	3,758,078	0.81707	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,076	3,755,265	0.79645	0	0	1.8	1-HR	STAGE3	1ST	96012607
369,409	3,757,730	0.78022	0	0	1.8	1-HR	STAGE3	1ST	96020108
369,454	3,757,776	0.76764	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,122	3,757,584	0.74883	0	0	1.8	1-HR	STAGE3	1ST	96092907
370,510	3,758,027	0.70912	0	0	1.8	1-HR	STAGE3	1ST	96032207
370,380	3,755,263	0.67512	0	0	1.8	1-HR	STAGE3	1ST	96011009
370,506	3,758,088	0.67109	0	0	1.8	1-HR	STAGE3	1ST	96032207
372,274	3,756,753	0.65969	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,046	3,757,585	0.64508	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,372	3,757,782	0.64369	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,399	3,757,806	0.62961	0	0	1.8	1-HR	STAGE3	1ST	96092907
372,002	3,757,140	0.62058	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,224	3,757,952	0.61902	0	0	1.8	1-HR	STAGE3	1ST	96020108
368,889	3,755,272	0.61755	0	0	1.8	1-HR	STAGE3	1ST	96020707
372,020	3,757,552	0.61382	0	0	1.8	1-HR	STAGE3	1ST	96100807
369,265	3,757,997	0.60742	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,193	3,757,720	0.59498	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,254	3,757,762	0.59123	0	0	1.8	1-HR	STAGE3	1ST	96092907
369,080	3,757,864	0.57928	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,264	3,757,783	0.5738	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,970	3,757,842	0.55981	0	0	1.8	1-HR	STAGE3	1ST	96100807
371,908	3,757,934	0.55251	0	0	1.8	1-HR	STAGE3	1ST	96092907
372,023	3,757,843	0.55153	0	0	1.8	1-HR	STAGE3	1ST	96100807
370,996	3,755,560	0.54688	0	0	1.8	1-HR	STAGE3	1ST	96100707
369,017	3,757,954	0.54293	0	0	1.8	1-HR	STAGE3	1ST	96020108
371,042	3,755,556	0.53971	0	0	1.8	1-HR	STAGE3	1ST	96100707
371,964	3,757,922	0.53831	0	0	1.8	1-HR	STAGE3	1ST	96092907
368,569	3,755,273	0.52074	0	0	1.8	1-HR	STAGE3	1ST	96011508
370,945	3,757,670	0.51339	0	0	1.8	1-HR	STAGE3	1ST	96040807
370,907	3,757,702	0.50502	0	0	1.8	1-HR	STAGE3	1ST	96040807
371,798	3,758,080	0.50364	0	0	1.8	1-HR	STAGE3	1ST	96092907
371,046	3,757,668	0.50265	0	0	1.8	1-HR	STAGE3	1ST	96092907

1-Hour NOx by Source Group

STAGING AREA 3

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
368,275	3,755,275	0.50171	0	0	1.8	1-HR	STAGE3	1ST	96011508
369,452	3,758,128	0.49783	0	0	1.8	1-HR	STAGE3	1ST	96020108
370,667	3,755,262	0.48533	0	0	1.8	1-HR	STAGE3	1ST	96030107
370,885	3,757,751	0.47959	0	0	1.8	1-HR	STAGE3	1ST	96040807
369,850	3,758,078	0.47709	0	0	1.8	1-HR	STAGE3	1ST	96032207
372,713	3,756,743	0.46196	0	0	1.8	1-HR	STAGE3	1ST	96021407
369,853	3,758,394	0.45844	0	0	1.8	1-HR	STAGE3	1ST	96032207
371,001	3,755,419	0.44886	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,936	3,755,213	0.43406	0	0	1.8	1-HR	STAGE3	1ST	96011508
371,043	3,755,384	0.43275	0	0	1.8	1-HR	STAGE3	1ST	96100707
371,056	3,755,349	0.41461	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,114	3,756,056	0.41054	0	0	1.8	1-HR	STAGE3	1ST	96030207
370,801	3,755,276	0.40038	0	0	1.8	1-HR	STAGE3	1ST	96030107
366,985	3,756,358	0.39673	0	0	1.8	1-HR	STAGE3	1ST	96020407
368,770	3,757,799	0.38441	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,301	3,755,623	0.38388	0	0	1.8	1-HR	STAGE3	1ST	96021607
366,902	3,756,692	0.37333	0	0	1.8	1-HR	STAGE3	1ST	96012907
366,876	3,756,760	0.37123	0	0	1.8	1-HR	STAGE3	1ST	96012907
372,703	3,756,553	0.36755	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,853	3,756,663	0.36452	0	0	1.8	1-HR	STAGE3	1ST	96012907
366,813	3,756,739	0.36256	0	0	1.8	1-HR	STAGE3	1ST	96012907
367,769	3,757,644	0.34867	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,484	3,755,199	0.34375	0	0	1.8	1-HR	STAGE3	1ST	96011508
371,049	3,755,196	0.33951	0	0	1.8	1-HR	STAGE3	1ST	96100707
372,819	3,756,549	0.33877	0	0	1.8	1-HR	STAGE3	1ST	96021407
367,609	3,757,677	0.3302	0	0	1.8	1-HR	STAGE3	1ST	96020207
370,886	3,758,089	0.32737	0	0	1.8	1-HR	STAGE3	1ST	96040807
369,460	3,758,394	0.32547	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,775	3,757,719	0.32427	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,677	3,757,025	0.32343	0	0	1.8	1-HR	STAGE3	1ST	96012907
367,413	3,757,695	0.31296	0	0	1.8	1-HR	STAGE3	1ST	96020207
371,463	3,755,192	0.30973	0	0	1.8	1-HR	STAGE3	1ST	96100707
367,410	3,757,736	0.30363	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,291	3,757,694	0.30269	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,309	3,757,762	0.29527	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,518	3,757,796	0.2934	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,539	3,757,802	0.29129	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,174	3,757,740	0.2875	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,604	3,757,719	0.28734	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,233	3,757,790	0.28586	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,814	3,756,455	0.2851	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,999	3,757,642	0.28331	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,603	3,757,765	0.28328	0	0	1.8	1-HR	STAGE3	1ST	96020108
367,809	3,757,835	0.2822	0	0	1.8	1-HR	STAGE3	1ST	96020207
368,109	3,757,840	0.26889	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,777	3,757,520	0.26229	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,705	3,756,372	0.25726	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,644	3,757,531	0.24881	0	0	1.8	1-HR	STAGE3	1ST	96020207

1-Hour NOx by Source Group									
			STAGING AREA 3						
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC		DFAULT ELEV	FLGPOL						
*	PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: STAGE3								
*	FOR A TOTAL OF 121 RECEPTORS.								
*	FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
367,807	3,757,936	0.24426	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,624	3,757,468	0.24315	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,905	3,757,930	0.24129	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,536	3,757,322	0.24106	0	0	1.8	1-HR	STAGE3	1ST	96012907
372,797	3,756,368	0.24037	0	0	1.8	1-HR	STAGE3	1ST	96021407
367,775	3,757,959	0.23585	0	0	1.8	1-HR	STAGE3	1ST	96020207
366,487	3,757,537	0.23359	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,706	3,756,327	0.2297	0	0	1.8	1-HR	STAGE3	1ST	96021407
366,437	3,757,531	0.22882	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,914	3,757,962	0.22625	0	0	1.8	1-HR	STAGE3	1ST	96020207
367,798	3,758,011	0.21491	0	0	1.8	1-HR	STAGE3	1ST	96020207
372,927	3,756,319	0.19994	0	0	1.8	1-HR	STAGE3	1ST	96021407
371,843	3,755,189	0.18715	0	0	1.8	1-HR	STAGE3	1ST	96100707
372,624	3,755,182	0.18032	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,725	3,755,177	0.17729	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,054	3,755,563	0.17604	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,238	3,755,186	0.17087	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,131	3,755,567	0.16741	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,046	3,755,174	0.16579	0	0	1.8	1-HR	STAGE3	1ST	96010208
372,926	3,756,245	0.16227	0	0	1.8	1-HR	STAGE3	1ST	96021407
373,135	3,755,704	0.15799	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,222	3,755,569	0.15769	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,219	3,755,705	0.14781	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,448	3,755,560	0.13634	0	0	1.8	1-HR	STAGE3	1ST	96010208
373,457	3,756,236	0.12677	0	0	1.8	1-HR	STAGE3	1ST	96021407

1-Hour NOx by Source Group

UTILIDOR

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: DBP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	89.44587	0	0	1.8	1-HR	DBP	1ST	96021407
370,754	3,756,818	35.12057	0	0	1.8	1-HR	DBP	1ST	96021407
370,764	3,757,087	27.63124	0	0	1.8	1-HR	DBP	1ST	96100807
371,033	3,756,780	24.02754	0	0	1.8	1-HR	DBP	1ST	96021407
371,031	3,756,807	23.78988	0	0	1.8	1-HR	DBP	1ST	96021407
371,035	3,757,133	17.14837	0	0	1.8	1-HR	DBP	1ST	96100807
371,034	3,757,085	16.5769	0	0	1.8	1-HR	DBP	1ST	96022008
369,194	3,755,270	16.36408	0	0	1.8	1-HR	DBP	1ST	96012607
369,498	3,755,268	14.94774	0	0	1.8	1-HR	DBP	1ST	96012607
368,889	3,755,272	14.42382	0	0	1.8	1-HR	DBP	1ST	96020707
371,483	3,756,770	13.68906	0	0	1.8	1-HR	DBP	1ST	96021407
371,046	3,757,585	13.05496	0	0	1.8	1-HR	DBP	1ST	96092907
371,122	3,757,584	12.47412	0	0	1.8	1-HR	DBP	1ST	96092907
369,850	3,758,078	12.10669	0	0	1.8	1-HR	DBP	1ST	96032207
371,046	3,757,668	11.96327	0	0	1.8	1-HR	DBP	1ST	96092907
370,945	3,757,670	11.83336	0	0	1.8	1-HR	DBP	1ST	96092907
370,907	3,757,702	11.02269	0	0	1.8	1-HR	DBP	1ST	96092907
369,787	3,755,267	10.93804	0	0	1.8	1-HR	DBP	1ST	96011009
369,409	3,757,730	10.91438	0	0	1.8	1-HR	DBP	1ST	96020108
371,193	3,757,720	10.83773	0	0	1.8	1-HR	DBP	1ST	96092907
368,569	3,755,273	10.58422	0	0	1.8	1-HR	DBP	1ST	96020707
369,080	3,757,864	10.52283	0	0	1.8	1-HR	DBP	1ST	96020108
371,254	3,757,762	10.19527	0	0	1.8	1-HR	DBP	1ST	96092907
371,264	3,757,783	10.00536	0	0	1.8	1-HR	DBP	1ST	96092907
371,817	3,756,763	9.88594	0	0	1.8	1-HR	DBP	1ST	96021407
371,514	3,757,136	9.87054	0	0	1.8	1-HR	DBP	1ST	96021407
370,885	3,757,751	9.85683	0	0	1.8	1-HR	DBP	1ST	96092907
369,017	3,757,954	9.5354	0	0	1.8	1-HR	DBP	1ST	96020108
371,372	3,757,782	9.37702	0	0	1.8	1-HR	DBP	1ST	96092907
368,770	3,757,799	9.36062	0	0	1.8	1-HR	DBP	1ST	96020108
369,454	3,757,776	9.24433	0	0	1.8	1-HR	DBP	1ST	96020108
369,853	3,758,394	9.22253	0	0	1.8	1-HR	DBP	1ST	96032207
371,399	3,757,806	9.11102	0	0	1.8	1-HR	DBP	1ST	96092907
369,224	3,757,952	8.63396	0	0	1.8	1-HR	DBP	1ST	96020108
372,002	3,757,140	7.99094	0	0	1.8	1-HR	DBP	1ST	96021407
368,603	3,757,765	7.64387	0	0	1.8	1-HR	DBP	1ST	96020108
369,265	3,757,997	7.64241	0	0	1.8	1-HR	DBP	1ST	96020108
370,076	3,755,265	7.56136	0	0	1.8	1-HR	DBP	1ST	96011009
368,604	3,757,719	7.46142	0	0	1.8	1-HR	DBP	1ST	96020108
369,452	3,758,128	7.21475	0	0	1.8	1-HR	DBP	1ST	96032207
367,114	3,756,056	7.13941	0	0	1.8	1-HR	DBP	1ST	96030207
368,275	3,755,275	7.13557	0	0	1.8	1-HR	DBP	1ST	96011508
369,460	3,758,394	6.95895	0	0	1.8	1-HR	DBP	1ST	96032207
367,936	3,755,213	6.87324	0	0	1.8	1-HR	DBP	1ST	96011508
371,908	3,757,934	6.83313	0	0	1.8	1-HR	DBP	1ST	96100807
366,985	3,756,358	6.80647	0	0	1.8	1-HR	DBP	1ST	96020407
370,298	3,757,963	6.77369	0	0	1.8	1-HR	DBP	1ST	96032207
372,274	3,756,753	6.76241	0	0	1.8	1-HR	DBP	1ST	96021407

1-Hour NOx by Source Group

UTILIDOR

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: DBP
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
371,964	3,757,922	6.61907	0	0	1.8	1-HR	DBP	1ST	96100807
371,970	3,757,842	6.60976	0	0	1.8	1-HR	DBP	1ST	96100807
371,798	3,758,080	6.55628	0	0	1.8	1-HR	DBP	1ST	96100807
366,902	3,756,692	6.42167	0	0	1.8	1-HR	DBP	1ST	96012907
366,876	3,756,760	6.38708	0	0	1.8	1-HR	DBP	1ST	96012907
372,023	3,757,843	6.31827	0	0	1.8	1-HR	DBP	1ST	96100807
366,813	3,756,739	6.21674	0	0	1.8	1-HR	DBP	1ST	96012907
366,853	3,756,663	6.21608	0	0	1.8	1-HR	DBP	1ST	96012907
367,301	3,755,623	6.16073	0	0	1.8	1-HR	DBP	1ST	96021607
367,484	3,755,199	6.154	0	0	1.8	1-HR	DBP	1ST	96011508
370,299	3,758,078	6.1492	0	0	1.8	1-HR	DBP	1ST	96032207
372,020	3,757,552	6.1342	0	0	1.8	1-HR	DBP	1ST	96022008
370,380	3,755,263	5.66703	0	0	1.8	1-HR	DBP	1ST	96030107
367,769	3,757,644	5.53685	0	0	1.8	1-HR	DBP	1ST	96020207
366,677	3,757,025	5.47737	0	0	1.8	1-HR	DBP	1ST	96012907
370,382	3,757,966	5.34121	0	0	1.8	1-HR	DBP	1ST	96040807
370,801	3,755,276	5.34043	0	0	1.8	1-HR	DBP	1ST	96100707
370,510	3,758,027	5.26438	0	0	1.8	1-HR	DBP	1ST	96040807
367,609	3,757,677	5.25949	0	0	1.8	1-HR	DBP	1ST	96020207
370,996	3,755,560	5.20154	0	0	1.8	1-HR	DBP	1ST	96100707
370,667	3,755,262	5.19739	0	0	1.8	1-HR	DBP	1ST	96100707
371,001	3,755,419	5.05429	0	0	1.8	1-HR	DBP	1ST	96100707
367,413	3,757,695	5.04766	0	0	1.8	1-HR	DBP	1ST	96020207
372,713	3,756,743	5.01962	0	0	1.8	1-HR	DBP	1ST	96021407
367,775	3,757,719	4.98033	0	0	1.8	1-HR	DBP	1ST	96020207
370,506	3,758,088	4.94158	0	0	1.8	1-HR	DBP	1ST	96040807
367,291	3,757,694	4.94036	0	0	1.8	1-HR	DBP	1ST	96020207
368,309	3,757,762	4.86992	0	0	1.8	1-HR	DBP	1ST	96020108
367,410	3,757,736	4.82442	0	0	1.8	1-HR	DBP	1ST	96020207
371,042	3,755,556	4.80139	0	0	1.8	1-HR	DBP	1ST	96100707
371,043	3,755,384	4.75504	0	0	1.8	1-HR	DBP	1ST	96100707
366,999	3,757,642	4.75497	0	0	1.8	1-HR	DBP	1ST	96020207
370,886	3,758,089	4.70363	0	0	1.8	1-HR	DBP	1ST	96092907
367,174	3,757,740	4.65487	0	0	1.8	1-HR	DBP	1ST	96020207
371,056	3,755,349	4.63944	0	0	1.8	1-HR	DBP	1ST	96100707
366,777	3,757,520	4.51031	0	0	1.8	1-HR	DBP	1ST	96020207
367,518	3,757,796	4.50013	0	0	1.8	1-HR	DBP	1ST	96020207
367,539	3,757,802	4.46023	0	0	1.8	1-HR	DBP	1ST	96020207
368,233	3,757,790	4.44516	0	0	1.8	1-HR	DBP	1ST	96020108
371,049	3,755,196	4.43177	0	0	1.8	1-HR	DBP	1ST	96100707
366,644	3,757,531	4.27531	0	0	1.8	1-HR	DBP	1ST	96020207
366,624	3,757,468	4.20873	0	0	1.8	1-HR	DBP	1ST	96020207
367,809	3,757,835	4.03691	0	0	1.8	1-HR	DBP	1ST	96020207
366,487	3,757,537	4.01485	0	0	1.8	1-HR	DBP	1ST	96020207
366,437	3,757,531	3.92606	0	0	1.8	1-HR	DBP	1ST	96020207
366,536	3,757,322	3.91149	0	0	1.8	1-HR	DBP	1ST	96012907
372,703	3,756,553	3.87362	0	0	1.8	1-HR	DBP	1ST	96021407
368,109	3,757,840	3.84159	0	0	1.8	1-HR	DBP	1ST	96020108

1-Hour NOx by Source Group									
				UTILIDOR					
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: DBP									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
*** X**	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
372,819	3,756,549	3.64662	0	0	1.8	1-HR	DBP	1ST	96021407
367,807	3,757,936	3.28116	0	0	1.8	1-HR	DBP	1ST	96020207
367,914	3,757,962	3.2671	0	0	1.8	1-HR	DBP	1ST	96020108
367,775	3,757,959	3.1649	0	0	1.8	1-HR	DBP	1ST	96020207
367,905	3,757,930	3.15992	0	0	1.8	1-HR	DBP	1ST	96020207
372,814	3,756,455	3.0718	0	0	1.8	1-HR	DBP	1ST	96021407
367,798	3,758,011	2.90743	0	0	1.8	1-HR	DBP	1ST	96020108
372,705	3,756,372	2.80515	0	0	1.8	1-HR	DBP	1ST	96021407
372,797	3,756,368	2.66135	0	0	1.8	1-HR	DBP	1ST	96021407
371,463	3,755,192	2.61321	0	0	1.8	1-HR	DBP	1ST	96100707
372,238	3,755,186	2.53461	0	0	1.8	1-HR	DBP	1ST	96010208
372,706	3,756,327	2.48394	0	0	1.8	1-HR	DBP	1ST	96021407
371,843	3,755,189	2.39792	0	0	1.8	1-HR	DBP	1ST	96010208
372,624	3,755,182	2.38547	0	0	1.8	1-HR	DBP	1ST	96010208
372,725	3,755,177	2.31722	0	0	1.8	1-HR	DBP	1ST	96010208
372,927	3,756,319	2.21809	0	0	1.8	1-HR	DBP	1ST	96021407
373,046	3,755,174	2.07646	0	0	1.8	1-HR	DBP	1ST	96010208
373,054	3,755,563	1.97888	0	0	1.8	1-HR	DBP	1ST	96010208
373,131	3,755,567	1.88843	0	0	1.8	1-HR	DBP	1ST	96010208
372,926	3,756,245	1.86854	0	0	1.8	1-HR	DBP	1ST	96021407
373,222	3,755,569	1.76765	0	0	1.8	1-HR	DBP	1ST	96010208
373,135	3,755,704	1.73063	0	0	1.8	1-HR	DBP	1ST	96010208
373,219	3,755,705	1.62819	0	0	1.8	1-HR	DBP	1ST	96010208
373,448	3,755,560	1.53243	0	0	1.8	1-HR	DBP	1ST	96010208
373,457	3,756,236	1.52258	0	0	1.8	1-HR	DBP	1ST	96021407

1-Hour NOx by Source Group

TRANSFER TRUCKS

* AERMOD (07026): LAX CUP Direct Buried Pipe
* MODELING OPTIONS USED:
* CONC DFAULT ELEV FLGPOL
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK
* FOR A TOTAL OF 121 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	2.98785	0	0	1.8	1-HR	TRUCK	1ST	96020707
370,754	3,756,818	2.96491	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,031	3,756,807	1.00306	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,033	3,756,780	0.95222	0	0	1.8	1-HR	TRUCK	1ST	96021407
370,764	3,757,087	0.8764	0	0	1.8	1-HR	TRUCK	1ST	96092907
371,034	3,757,085	0.75647	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,035	3,757,133	0.71633	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,483	3,756,770	0.59	0	0	1.8	1-HR	TRUCK	1ST	96021407
369,498	3,755,268	0.45466	0	0	1.8	1-HR	TRUCK	1ST	96012607
369,194	3,755,270	0.42254	0	0	1.8	1-HR	TRUCK	1ST	96020707
371,817	3,756,763	0.39931	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,514	3,757,136	0.3993	0	0	1.8	1-HR	TRUCK	1ST	96022008
369,787	3,755,267	0.36257	0	0	1.8	1-HR	TRUCK	1ST	96012607
369,409	3,757,730	0.33117	0	0	1.8	1-HR	TRUCK	1ST	96020108
369,454	3,757,776	0.31227	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,122	3,757,584	0.30564	0	0	1.8	1-HR	TRUCK	1ST	96092907
370,298	3,757,963	0.30161	0	0	1.8	1-HR	TRUCK	1ST	96032207
368,889	3,755,272	0.29137	0	0	1.8	1-HR	TRUCK	1ST	96020707
370,382	3,757,966	0.28146	0	0	1.8	1-HR	TRUCK	1ST	96032207
370,299	3,758,078	0.27384	0	0	1.8	1-HR	TRUCK	1ST	96032207
371,046	3,757,585	0.26897	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,224	3,757,952	0.26855	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,372	3,757,782	0.25728	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,080	3,757,864	0.25472	0	0	1.8	1-HR	TRUCK	1ST	96020108
369,265	3,757,997	0.25354	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,399	3,757,806	0.25157	0	0	1.8	1-HR	TRUCK	1ST	96092907
369,017	3,757,954	0.24164	0	0	1.8	1-HR	TRUCK	1ST	96020108
370,076	3,755,265	0.23749	0	0	1.8	1-HR	TRUCK	1ST	96011009
371,970	3,757,842	0.23707	0	0	1.8	1-HR	TRUCK	1ST	96100807
372,002	3,757,140	0.23421	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,193	3,757,720	0.23399	0	0	1.8	1-HR	TRUCK	1ST	96092907
372,023	3,757,843	0.23337	0	0	1.8	1-HR	TRUCK	1ST	96100807
372,274	3,756,753	0.23291	0	0	1.8	1-HR	TRUCK	1ST	96021407
371,254	3,757,762	0.23113	0	0	1.8	1-HR	TRUCK	1ST	96092907
367,114	3,756,056	0.22579	0	0	1.8	1-HR	TRUCK	1ST	96030207
371,264	3,757,783	0.2224	0	0	1.8	1-HR	TRUCK	1ST	96092907
371,964	3,757,922	0.21773	0	0	1.8	1-HR	TRUCK	1ST	96100807
371,908	3,757,934	0.2162	0	0	1.8	1-HR	TRUCK	1ST	96092907
370,510	3,758,027	0.21438	0	0	1.8	1-HR	TRUCK	1ST	96032207
371,798	3,758,080	0.2088	0	0	1.8	1-HR	TRUCK	1ST	96092907
366,985	3,756,358	0.20869	0	0	1.8	1-HR	TRUCK	1ST	96020407
372,020	3,757,552	0.20717	0	0	1.8	1-HR	TRUCK	1ST	96100807
367,936	3,755,213	0.2059	0	0	1.8	1-HR	TRUCK	1ST	96011508
371,046	3,757,668	0.20435	0	0	1.8	1-HR	TRUCK	1ST	96092907
368,275	3,755,275	0.20327	0	0	1.8	1-HR	TRUCK	1ST	96011508
370,506	3,758,088	0.2022	0	0	1.8	1-HR	TRUCK	1ST	96032207
366,876	3,756,760	0.1989	0	0	1.8	1-HR	TRUCK	1ST	96012907
370,380	3,755,263	0.19244	0	0	1.8	1-HR	TRUCK	1ST	96030107

1-Hour NOx by Source Group									
TRANSFER TRUCKS									
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
366,813	3,756,739	0.19137	0	0	1.8	1-HR	TRUCK	1ST	96012907
370,907	3,757,702	0.19125	0	0	1.8	1-HR	TRUCK	1ST	96040807
366,902	3,756,692	0.19024	0	0	1.8	1-HR	TRUCK	1ST	96012907
369,850	3,758,078	0.18841	0	0	1.8	1-HR	TRUCK	1ST	96032207
370,996	3,755,560	0.18827	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,945	3,757,670	0.18806	0	0	1.8	1-HR	TRUCK	1ST	96040807
371,042	3,755,556	0.18731	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,885	3,757,751	0.18716	0	0	1.8	1-HR	TRUCK	1ST	96040807
367,301	3,755,623	0.18033	0	0	1.8	1-HR	TRUCK	1ST	96021607
369,853	3,758,394	0.18026	0	0	1.8	1-HR	TRUCK	1ST	96032207
366,853	3,756,663	0.1799	0	0	1.8	1-HR	TRUCK	1ST	96012907
367,484	3,755,199	0.17287	0	0	1.8	1-HR	TRUCK	1ST	96011508
366,677	3,757,025	0.16288	0	0	1.8	1-HR	TRUCK	1ST	96012907
369,452	3,758,128	0.16125	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,001	3,755,419	0.16046	0	0	1.8	1-HR	TRUCK	1ST	96100707
371,043	3,755,384	0.15705	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,667	3,755,262	0.15583	0	0	1.8	1-HR	TRUCK	1ST	96030107
371,056	3,755,349	0.15174	0	0	1.8	1-HR	TRUCK	1ST	96100707
368,569	3,755,273	0.15159	0	0	1.8	1-HR	TRUCK	1ST	96011508
367,769	3,757,644	0.15048	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,713	3,756,743	0.14587	0	0	1.8	1-HR	TRUCK	1ST	96021407
367,609	3,757,677	0.14566	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,291	3,757,694	0.14491	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,413	3,757,695	0.14456	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,999	3,757,642	0.14261	0	0	1.8	1-HR	TRUCK	1ST	96020207
370,886	3,758,089	0.1408	0	0	1.8	1-HR	TRUCK	1ST	96040807
367,174	3,757,740	0.13666	0	0	1.8	1-HR	TRUCK	1ST	96020207
367,410	3,757,736	0.13504	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,703	3,756,553	0.12999	0	0	1.8	1-HR	TRUCK	1ST	96032108
367,775	3,757,719	0.12555	0	0	1.8	1-HR	TRUCK	1ST	96020207
371,049	3,755,196	0.12405	0	0	1.8	1-HR	TRUCK	1ST	96100707
372,819	3,756,549	0.12304	0	0	1.8	1-HR	TRUCK	1ST	96032108
366,777	3,757,520	0.12254	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,770	3,757,799	0.12005	0	0	1.8	1-HR	TRUCK	1ST	96020108
371,463	3,755,192	0.12004	0	0	1.8	1-HR	TRUCK	1ST	96100707
370,801	3,755,276	0.1198	0	0	1.8	1-HR	TRUCK	1ST	96030107
367,518	3,757,796	0.11506	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,644	3,757,531	0.11399	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,604	3,757,719	0.11381	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,539	3,757,802	0.11237	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,603	3,757,765	0.11024	0	0	1.8	1-HR	TRUCK	1ST	96101107
366,624	3,757,468	0.10369	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,487	3,757,537	0.10367	0	0	1.8	1-HR	TRUCK	1ST	96020207
366,437	3,757,531	0.09942	0	0	1.8	1-HR	TRUCK	1ST	96020207
368,309	3,757,762	0.09486	0	0	1.8	1-HR	TRUCK	1ST	96101107
368,233	3,757,790	0.09009	0	0	1.8	1-HR	TRUCK	1ST	96101107
366,536	3,757,322	0.08804	0	0	1.8	1-HR	TRUCK	1ST	96062307
372,624	3,755,182	0.08757	0	0	1.8	1-HR	TRUCK	1ST	96020409

1-Hour NOx by Source Group									
TRANSFER TRUCKS									
* AERMOD (07026): LAX CUP Direct Buried Pipe									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: TRUCK									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
367,809	3,757,835	0.0864	0	0	1.8	1-HR	TRUCK	1ST	96020207
372,814	3,756,455	0.08639	0	0	1.8	1-HR	TRUCK	1ST	96032108
373,054	3,755,563	0.08439	0	0	1.8	1-HR	TRUCK	1ST	96010208
372,725	3,755,177	0.08436	0	0	1.8	1-HR	TRUCK	1ST	96020409
368,109	3,757,840	0.08304	0	0	1.8	1-HR	TRUCK	1ST	96101107
373,135	3,755,704	0.08165	0	0	1.8	1-HR	TRUCK	1ST	96030209
369,460	3,758,394	0.07956	0	0	1.8	1-HR	TRUCK	1ST	96020108
373,131	3,755,567	0.0783	0	0	1.8	1-HR	TRUCK	1ST	96010208
373,219	3,755,705	0.078	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,222	3,755,569	0.07772	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,448	3,755,560	0.07733	0	0	1.8	1-HR	TRUCK	1ST	96030209
373,046	3,755,174	0.07609	0	0	1.8	1-HR	TRUCK	1ST	96010208
367,914	3,757,962	0.07493	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,905	3,757,930	0.07329	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,798	3,758,011	0.07006	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,807	3,757,936	0.06746	0	0	1.8	1-HR	TRUCK	1ST	96101107
367,775	3,757,959	0.06664	0	0	1.8	1-HR	TRUCK	1ST	96101107
372,238	3,755,186	0.06383	0	0	1.8	1-HR	TRUCK	1ST	96020409
371,843	3,755,189	0.05349	0	0	1.8	1-HR	TRUCK	1ST	96100707
372,706	3,756,327	0.04916	0	0	1.8	1-HR	TRUCK	1ST	96051707
372,705	3,756,372	0.04659	0	0	1.8	1-HR	TRUCK	1ST	96062208
372,926	3,756,245	0.04466	0	0	1.8	1-HR	TRUCK	1ST	96051707
372,797	3,756,368	0.04426	0	0	1.8	1-HR	TRUCK	1ST	96062208
372,927	3,756,319	0.04042	0	0	1.8	1-HR	TRUCK	1ST	96051707
373,457	3,756,236	0.02954	0	0	1.8	1-HR	TRUCK	1ST	96051707

Annual NOx for All Sources								
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
370,479	3,756,654	4.84946	0	0	1.8	ANNUAL	ALL	1
370,754	3,756,818	1.21716	0	0	1.8	ANNUAL	ALL	1
371,031	3,756,807	0.52179	0	0	1.8	ANNUAL	ALL	1
371,033	3,756,780	0.50442	0	0	1.8	ANNUAL	ALL	1
370,764	3,757,087	0.48978	0	0	1.8	ANNUAL	ALL	1
371,034	3,757,085	0.41801	0	0	1.8	ANNUAL	ALL	1
371,035	3,757,133	0.37401	0	0	1.8	ANNUAL	ALL	1
371,514	3,757,136	0.2136	0	0	1.8	ANNUAL	ALL	1
371,483	3,756,770	0.17218	0	0	1.8	ANNUAL	ALL	1
372,002	3,757,140	0.11337	0	0	1.8	ANNUAL	ALL	1
372,020	3,757,552	0.09892	0	0	1.8	ANNUAL	ALL	1
371,122	3,757,584	0.09656	0	0	1.8	ANNUAL	ALL	1
371,817	3,756,763	0.09428	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,585	0.08877	0	0	1.8	ANNUAL	ALL	1
371,970	3,757,842	0.0699	0	0	1.8	ANNUAL	ALL	1
372,023	3,757,843	0.06936	0	0	1.8	ANNUAL	ALL	1
371,193	3,757,720	0.06809	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,668	0.0676	0	0	1.8	ANNUAL	ALL	1
371,372	3,757,782	0.06708	0	0	1.8	ANNUAL	ALL	1
371,399	3,757,806	0.0643	0	0	1.8	ANNUAL	ALL	1
371,254	3,757,762	0.06408	0	0	1.8	ANNUAL	ALL	1
371,964	3,757,922	0.06145	0	0	1.8	ANNUAL	ALL	1
371,264	3,757,783	0.06109	0	0	1.8	ANNUAL	ALL	1
371,908	3,757,934	0.0599	0	0	1.8	ANNUAL	ALL	1
370,945	3,757,670	0.05812	0	0	1.8	ANNUAL	ALL	1
370,907	3,757,702	0.04949	0	0	1.8	ANNUAL	ALL	1
372,274	3,756,753	0.04933	0	0	1.8	ANNUAL	ALL	1
371,798	3,758,080	0.04384	0	0	1.8	ANNUAL	ALL	1
370,885	3,757,751	0.04105	0	0	1.8	ANNUAL	ALL	1
372,713	3,756,743	0.03006	0	0	1.8	ANNUAL	ALL	1
369,409	3,757,730	0.02585	0	0	1.8	ANNUAL	ALL	1
369,454	3,757,776	0.02354	0	0	1.8	ANNUAL	ALL	1
369,498	3,755,268	0.02311	0	0	1.8	ANNUAL	ALL	1
369,787	3,755,267	0.02195	0	0	1.8	ANNUAL	ALL	1
368,604	3,757,719	0.02184	0	0	1.8	ANNUAL	ALL	1
369,194	3,755,270	0.02124	0	0	1.8	ANNUAL	ALL	1
372,703	3,756,553	0.02098	0	0	1.8	ANNUAL	ALL	1
368,770	3,757,799	0.02084	0	0	1.8	ANNUAL	ALL	1
368,603	3,757,765	0.02059	0	0	1.8	ANNUAL	ALL	1
369,080	3,757,864	0.02031	0	0	1.8	ANNUAL	ALL	1
372,819	3,756,549	0.01886	0	0	1.8	ANNUAL	ALL	1
368,309	3,757,762	0.01851	0	0	1.8	ANNUAL	ALL	1
366,985	3,756,358	0.01839	0	0	1.8	ANNUAL	ALL	1
370,076	3,755,265	0.01827	0	0	1.8	ANNUAL	ALL	1
368,889	3,755,272	0.0182	0	0	1.8	ANNUAL	ALL	1
367,114	3,756,056	0.01784	0	0	1.8	ANNUAL	ALL	1

Annual NOx for All Sources								
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
366,902	3,756,692	0.01782	0	0	1.8	ANNUAL	ALL	1
369,224	3,757,952	0.01775	0	0	1.8	ANNUAL	ALL	1
369,017	3,757,954	0.01763	0	0	1.8	ANNUAL	ALL	1
370,886	3,758,089	0.01763	0	0	1.8	ANNUAL	ALL	1
366,853	3,756,663	0.01743	0	0	1.8	ANNUAL	ALL	1
368,233	3,757,790	0.01743	0	0	1.8	ANNUAL	ALL	1
366,876	3,756,760	0.0174	0	0	1.8	ANNUAL	ALL	1
366,813	3,756,739	0.01691	0	0	1.8	ANNUAL	ALL	1
367,769	3,757,644	0.01674	0	0	1.8	ANNUAL	ALL	1
369,265	3,757,997	0.01648	0	0	1.8	ANNUAL	ALL	1
370,382	3,757,966	0.01613	0	0	1.8	ANNUAL	ALL	1
370,298	3,757,963	0.01599	0	0	1.8	ANNUAL	ALL	1
368,109	3,757,840	0.01583	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,719	0.0157	0	0	1.8	ANNUAL	ALL	1
368,569	3,755,273	0.0156	0	0	1.8	ANNUAL	ALL	1
372,814	3,756,455	0.01548	0	0	1.8	ANNUAL	ALL	1
367,609	3,757,677	0.01527	0	0	1.8	ANNUAL	ALL	1
370,510	3,758,027	0.01516	0	0	1.8	ANNUAL	ALL	1
367,301	3,755,623	0.01496	0	0	1.8	ANNUAL	ALL	1
366,677	3,757,025	0.01476	0	0	1.8	ANNUAL	ALL	1
367,809	3,757,835	0.01431	0	0	1.8	ANNUAL	ALL	1
368,275	3,755,275	0.01407	0	0	1.8	ANNUAL	ALL	1
367,413	3,757,695	0.01397	0	0	1.8	ANNUAL	ALL	1
372,705	3,756,372	0.01385	0	0	1.8	ANNUAL	ALL	1
370,506	3,758,088	0.01377	0	0	1.8	ANNUAL	ALL	1
370,380	3,755,263	0.01361	0	0	1.8	ANNUAL	ALL	1
367,905	3,757,930	0.01354	0	0	1.8	ANNUAL	ALL	1
367,410	3,757,736	0.01352	0	0	1.8	ANNUAL	ALL	1
370,299	3,758,078	0.01348	0	0	1.8	ANNUAL	ALL	1
367,539	3,757,802	0.01341	0	0	1.8	ANNUAL	ALL	1
367,518	3,757,796	0.01338	0	0	1.8	ANNUAL	ALL	1
367,291	3,757,694	0.01337	0	0	1.8	ANNUAL	ALL	1
367,914	3,757,962	0.0132	0	0	1.8	ANNUAL	ALL	1
367,807	3,757,936	0.01306	0	0	1.8	ANNUAL	ALL	1
369,850	3,758,078	0.01301	0	0	1.8	ANNUAL	ALL	1
369,452	3,758,128	0.01291	0	0	1.8	ANNUAL	ALL	1
372,797	3,756,368	0.01285	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,959	0.01267	0	0	1.8	ANNUAL	ALL	1
366,999	3,757,642	0.01247	0	0	1.8	ANNUAL	ALL	1
366,536	3,757,322	0.01244	0	0	1.8	ANNUAL	ALL	1
367,174	3,757,740	0.01241	0	0	1.8	ANNUAL	ALL	1
372,706	3,756,327	0.01241	0	0	1.8	ANNUAL	ALL	1
366,777	3,757,520	0.01237	0	0	1.8	ANNUAL	ALL	1
367,798	3,758,011	0.01218	0	0	1.8	ANNUAL	ALL	1
367,936	3,755,213	0.01217	0	0	1.8	ANNUAL	ALL	1
366,624	3,757,468	0.01201	0	0	1.8	ANNUAL	ALL	1

Annual NOx for All Sources								
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
366,644	3,757,531	0.01172	0	0	1.8	ANNUAL	ALL	1
366,487	3,757,537	0.01104	0	0	1.8	ANNUAL	ALL	1
367,484	3,755,199	0.01103	0	0	1.8	ANNUAL	ALL	1
366,437	3,757,531	0.01089	0	0	1.8	ANNUAL	ALL	1
372,927	3,756,319	0.01053	0	0	1.8	ANNUAL	ALL	1
370,996	3,755,560	0.01029	0	0	1.8	ANNUAL	ALL	1
370,667	3,755,262	0.01016	0	0	1.8	ANNUAL	ALL	1
371,042	3,755,556	0.00967	0	0	1.8	ANNUAL	ALL	1
370,801	3,755,276	0.00922	0	0	1.8	ANNUAL	ALL	1
371,001	3,755,419	0.00896	0	0	1.8	ANNUAL	ALL	1
369,460	3,758,394	0.00892	0	0	1.8	ANNUAL	ALL	1
372,926	3,756,245	0.0089	0	0	1.8	ANNUAL	ALL	1
369,853	3,758,394	0.00872	0	0	1.8	ANNUAL	ALL	1
371,043	3,755,384	0.0083	0	0	1.8	ANNUAL	ALL	1
371,056	3,755,349	0.00795	0	0	1.8	ANNUAL	ALL	1
371,049	3,755,196	0.00701	0	0	1.8	ANNUAL	ALL	1
373,457	3,756,236	0.00654	0	0	1.8	ANNUAL	ALL	1
371,463	3,755,192	0.00472	0	0	1.8	ANNUAL	ALL	1
371,843	3,755,189	0.00329	0	0	1.8	ANNUAL	ALL	1
373,135	3,755,704	0.00266	0	0	1.8	ANNUAL	ALL	1
373,219	3,755,705	0.0026	0	0	1.8	ANNUAL	ALL	1
372,238	3,755,186	0.00249	0	0	1.8	ANNUAL	ALL	1
373,054	3,755,563	0.00224	0	0	1.8	ANNUAL	ALL	1
373,131	3,755,567	0.0022	0	0	1.8	ANNUAL	ALL	1
373,222	3,755,569	0.00214	0	0	1.8	ANNUAL	ALL	1
372,624	3,755,182	0.002	0	0	1.8	ANNUAL	ALL	1
373,448	3,755,560	0.00198	0	0	1.8	ANNUAL	ALL	1
372,725	3,755,177	0.0019	0	0	1.8	ANNUAL	ALL	1
373,046	3,755,174	0.00163	0	0	1.8	ANNUAL	ALL	1

24-Hour PM10 for All Sources

* AERMOD (07026): LAX CUP DIRECT BURIED PIPE

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
370,479	3,756,654	5.28315	0	0	1.8	24-HR	ALL	1ST	96021424
370,754	3,756,818	1.41860	0	0	1.8	24-HR	ALL	1ST	96100824
370,764	3,757,087	1.17248	0	0	1.8	24-HR	ALL	1ST	96092924
371,033	3,756,780	0.89054	0	0	1.8	24-HR	ALL	1ST	96021424
371,031	3,756,807	0.86791	0	0	1.8	24-HR	ALL	1ST	96021424
371,034	3,757,085	0.77696	0	0	1.8	24-HR	ALL	1ST	96100824
371,035	3,757,133	0.77451	0	0	1.8	24-HR	ALL	1ST	96100824
371,483	3,756,770	0.44147	0	0	1.8	24-HR	ALL	1ST	96021424
371,122	3,757,584	0.42314	0	0	1.8	24-HR	ALL	1ST	96092924
369,194	3,755,270	0.40055	0	0	1.8	24-HR	ALL	1ST	96012624
369,498	3,755,268	0.39636	0	0	1.8	24-HR	ALL	1ST	96012624
371,046	3,757,585	0.39008	0	0	1.8	24-HR	ALL	1ST	96092924
371,193	3,757,720	0.33169	0	0	1.8	24-HR	ALL	1ST	96092924
368,889	3,755,272	0.33033	0	0	1.8	24-HR	ALL	1ST	96020724
371,372	3,757,782	0.33010	0	0	1.8	24-HR	ALL	1ST	96092924
371,254	3,757,762	0.32127	0	0	1.8	24-HR	ALL	1ST	96092924
371,399	3,757,806	0.32070	0	0	1.8	24-HR	ALL	1ST	96092924
369,787	3,755,267	0.31324	0	0	1.8	24-HR	ALL	1ST	96011024
371,514	3,757,136	0.31238	0	0	1.8	24-HR	ALL	1ST	96022024
371,264	3,757,783	0.31053	0	0	1.8	24-HR	ALL	1ST	96092924
371,046	3,757,668	0.30390	0	0	1.8	24-HR	ALL	1ST	96092924
371,817	3,756,763	0.28475	0	0	1.8	24-HR	ALL	1ST	96021424
369,080	3,757,864	0.24446	0	0	1.8	24-HR	ALL	1ST	96020124
369,850	3,758,078	0.24373	0	0	1.8	24-HR	ALL	1ST	96032224
371,970	3,757,842	0.23772	0	0	1.8	24-HR	ALL	1ST	96100824
371,798	3,758,080	0.23247	0	0	1.8	24-HR	ALL	1ST	96092924
370,945	3,757,670	0.23173	0	0	1.8	24-HR	ALL	1ST	96092924
372,023	3,757,843	0.22915	0	0	1.8	24-HR	ALL	1ST	96100824
371,964	3,757,922	0.22667	0	0	1.8	24-HR	ALL	1ST	96100824
371,908	3,757,934	0.22473	0	0	1.8	24-HR	ALL	1ST	96100824
369,017	3,757,954	0.22197	0	0	1.8	24-HR	ALL	1ST	96020124
369,409	3,757,730	0.22008	0	0	1.8	24-HR	ALL	1ST	96020124
372,002	3,757,140	0.21347	0	0	1.8	24-HR	ALL	1ST	96021424
369,853	3,758,394	0.20477	0	0	1.8	24-HR	ALL	1ST	96032224
370,076	3,755,265	0.19854	0	0	1.8	24-HR	ALL	1ST	96011024
366,876	3,756,760	0.19168	0	0	1.8	24-HR	ALL	1ST	96012924
366,902	3,756,692	0.18887	0	0	1.8	24-HR	ALL	1ST	96012924
366,813	3,756,739	0.18568	0	0	1.8	24-HR	ALL	1ST	96012924
370,907	3,757,702	0.18416	0	0	1.8	24-HR	ALL	1ST	96092624
372,020	3,757,552	0.18296	0	0	1.8	24-HR	ALL	1ST	96100824
367,114	3,756,056	0.18196	0	0	1.8	24-HR	ALL	1ST	96030224
366,853	3,756,663	0.18041	0	0	1.8	24-HR	ALL	1ST	96012924
369,224	3,757,952	0.17454	0	0	1.8	24-HR	ALL	1ST	96020124
367,936	3,755,213	0.17412	0	0	1.8	24-HR	ALL	1ST	96011524
366,999	3,757,642	0.17387	0	0	1.8	24-HR	ALL	1ST	96020224
367,484	3,755,199	0.17114	0	0	1.8	24-HR	ALL	1ST	96011524

24-Hour PM10 for All Sources

* AERMOD (07026): LAX CUP DIRECT BURIED PIPE

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	HIVAL	DATE(CONC)
368,770	3,757,799	0.17020	0	0	1.8	24-HR	ALL	1ST	96020124
372,274	3,756,753	0.16992	0	0	1.8	24-HR	ALL	1ST	96021424
369,454	3,757,776	0.16844	0	0	1.8	24-HR	ALL	1ST	96020124
370,298	3,757,963	0.16837	0	0	1.8	24-HR	ALL	1ST	96010124
366,777	3,757,520	0.16528	0	0	1.8	24-HR	ALL	1ST	96020224
367,291	3,757,694	0.16365	0	0	1.8	24-HR	ALL	1ST	96020224
370,885	3,757,751	0.16269	0	0	1.8	24-HR	ALL	1ST	96092624
366,985	3,756,358	0.16156	0	0	1.8	24-HR	ALL	1ST	96020424
367,413	3,757,695	0.15980	0	0	1.8	24-HR	ALL	1ST	96020224
367,769	3,757,644	0.15912	0	0	1.8	24-HR	ALL	1ST	96020224
370,382	3,757,966	0.15911	0	0	1.8	24-HR	ALL	1ST	96010124
367,609	3,757,677	0.15653	0	0	1.8	24-HR	ALL	1ST	96020224
366,644	3,757,531	0.15524	0	0	1.8	24-HR	ALL	1ST	96020224
367,174	3,757,740	0.15375	0	0	1.8	24-HR	ALL	1ST	96020224
368,569	3,755,273	0.15327	0	0	1.8	24-HR	ALL	1ST	96020724
370,299	3,758,078	0.15074	0	0	1.8	24-HR	ALL	1ST	96010124
368,275	3,755,275	0.14984	0	0	1.8	24-HR	ALL	1ST	96011524
366,624	3,757,468	0.14690	0	0	1.8	24-HR	ALL	1ST	96020224
367,410	3,757,736	0.14632	0	0	1.8	24-HR	ALL	1ST	96020224
366,487	3,757,537	0.14329	0	0	1.8	24-HR	ALL	1ST	96020224
366,677	3,757,025	0.14306	0	0	1.8	24-HR	ALL	1ST	96012924
369,265	3,757,997	0.14045	0	0	1.8	24-HR	ALL	1ST	96020124
366,437	3,757,531	0.13873	0	0	1.8	24-HR	ALL	1ST	96020224
367,301	3,755,623	0.13795	0	0	1.8	24-HR	ALL	1ST	96021324
371,001	3,755,419	0.12941	0	0	1.8	24-HR	ALL	1ST	96100724
370,996	3,755,560	0.12939	0	0	1.8	24-HR	ALL	1ST	96100724
367,775	3,757,719	0.12861	0	0	1.8	24-HR	ALL	1ST	96020224
370,380	3,755,263	0.12627	0	0	1.8	24-HR	ALL	1ST	96030124
370,510	3,758,027	0.12118	0	0	1.8	24-HR	ALL	1ST	96010124
371,043	3,755,384	0.12107	0	0	1.8	24-HR	ALL	1ST	96100724
367,518	3,757,796	0.11982	0	0	1.8	24-HR	ALL	1ST	96020224
371,056	3,755,349	0.11842	0	0	1.8	24-HR	ALL	1ST	96100724
370,506	3,758,088	0.11802	0	0	1.8	24-HR	ALL	1ST	96010124
367,539	3,757,802	0.11647	0	0	1.8	24-HR	ALL	1ST	96020224
371,042	3,755,556	0.11539	0	0	1.8	24-HR	ALL	1ST	96100724
366,536	3,757,322	0.11392	0	0	1.8	24-HR	ALL	1ST	96020224
371,049	3,755,196	0.11275	0	0	1.8	24-HR	ALL	1ST	96100724
372,713	3,756,743	0.11163	0	0	1.8	24-HR	ALL	1ST	96021424
370,801	3,755,276	0.11136	0	0	1.8	24-HR	ALL	1ST	96100724
370,886	3,758,089	0.10674	0	0	1.8	24-HR	ALL	1ST	96040824
368,603	3,757,765	0.10187	0	0	1.8	24-HR	ALL	1ST	96020124
369,452	3,758,128	0.09726	0	0	1.8	24-HR	ALL	1ST	96020324
370,667	3,755,262	0.09435	0	0	1.8	24-HR	ALL	1ST	96021424
368,604	3,757,719	0.09022	0	0	1.8	24-HR	ALL	1ST	96020124
367,809	3,757,835	0.08841	0	0	1.8	24-HR	ALL	1ST	96020224
368,309	3,757,762	0.07925	0	0	1.8	24-HR	ALL	1ST	96020224

24-Hour PM10 for All Sources									
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE									
* MODELING OPTIONS USED:									
* CONC DFAULT ELEV FLGPOL									
* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL									
* FOR A TOTAL OF 121 RECEPTORS.									
* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A4,6X,A8,2X,I8)									
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**HIVAL**	**DATE(CONC)**
368,233	3,757,790	0.07648	0	0	1.8	24-HR	ALL	1ST	96020224
369,460	3,758,394	0.07217	0	0	1.8	24-HR	ALL	1ST	96032224
368,109	3,757,840	0.07168	0	0	1.8	24-HR	ALL	1ST	96020224
367,807	3,757,936	0.06622	0	0	1.8	24-HR	ALL	1ST	96020224
367,775	3,757,959	0.06351	0	0	1.8	24-HR	ALL	1ST	96020224
367,905	3,757,930	0.06351	0	0	1.8	24-HR	ALL	1ST	96020224
372,725	3,755,177	0.06059	0	0	1.8	24-HR	ALL	1ST	96010224
367,914	3,757,962	0.06048	0	0	1.8	24-HR	ALL	1ST	96101124
373,046	3,755,174	0.05964	0	0	1.8	24-HR	ALL	1ST	96010224
372,624	3,755,182	0.05948	0	0	1.8	24-HR	ALL	1ST	96010224
367,798	3,758,011	0.05692	0	0	1.8	24-HR	ALL	1ST	96101124
372,703	3,756,553	0.05660	0	0	1.8	24-HR	ALL	1ST	96021424
372,819	3,756,549	0.05230	0	0	1.8	24-HR	ALL	1ST	96032124
371,463	3,755,192	0.05021	0	0	1.8	24-HR	ALL	1ST	96100724
373,054	3,755,563	0.04938	0	0	1.8	24-HR	ALL	1ST	96010224
372,238	3,755,186	0.04622	0	0	1.8	24-HR	ALL	1ST	96010224
373,131	3,755,567	0.04513	0	0	1.8	24-HR	ALL	1ST	96010224
373,222	3,755,569	0.04056	0	0	1.8	24-HR	ALL	1ST	96010224
372,814	3,756,455	0.03771	0	0	1.8	24-HR	ALL	1ST	96032124
373,135	3,755,704	0.03468	0	0	1.8	24-HR	ALL	1ST	96010224
373,448	3,755,560	0.03182	0	0	1.8	24-HR	ALL	1ST	96010224
373,219	3,755,705	0.03105	0	0	1.8	24-HR	ALL	1ST	96010224
372,705	3,756,372	0.03074	0	0	1.8	24-HR	ALL	1ST	96100624
372,797	3,756,368	0.02900	0	0	1.8	24-HR	ALL	1ST	96100624
371,843	3,755,189	0.02698	0	0	1.8	24-HR	ALL	1ST	96010224
372,706	3,756,327	0.02648	0	0	1.8	24-HR	ALL	1ST	96100624
372,927	3,756,319	0.02343	0	0	1.8	24-HR	ALL	1ST	96100624
372,926	3,756,245	0.01857	0	0	1.8	24-HR	ALL	1ST	96100624
373,457	3,756,236	0.01496	0	0	1.8	24-HR	ALL	1ST	96100624

Annual PM10 for All Sources								
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE CONC**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM YRS**
370,479	3,756,654	0.54643	0	0	1.8	ANNUAL	ALL	1
370,754	3,756,818	0.13932	0	0	1.8	ANNUAL	ALL	1
371,031	3,756,807	0.05842	0	0	1.8	ANNUAL	ALL	1
371,033	3,756,780	0.05531	0	0	1.8	ANNUAL	ALL	1
370,764	3,757,087	0.05245	0	0	1.8	ANNUAL	ALL	1
371,034	3,757,085	0.04855	0	0	1.8	ANNUAL	ALL	1
371,035	3,757,133	0.0428	0	0	1.8	ANNUAL	ALL	1
371,514	3,757,136	0.02521	0	0	1.8	ANNUAL	ALL	1
371,483	3,756,770	0.01778	0	0	1.8	ANNUAL	ALL	1
372,002	3,757,140	0.01298	0	0	1.8	ANNUAL	ALL	1
372,020	3,757,552	0.01146	0	0	1.8	ANNUAL	ALL	1
371,817	3,756,763	0.00953	0	0	1.8	ANNUAL	ALL	1
371,122	3,757,584	0.00948	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,585	0.00848	0	0	1.8	ANNUAL	ALL	1
371,970	3,757,842	0.00765	0	0	1.8	ANNUAL	ALL	1
372,023	3,757,843	0.00765	0	0	1.8	ANNUAL	ALL	1
371,372	3,757,782	0.0067	0	0	1.8	ANNUAL	ALL	1
371,964	3,757,922	0.00661	0	0	1.8	ANNUAL	ALL	1
371,193	3,757,720	0.00655	0	0	1.8	ANNUAL	ALL	1
371,399	3,757,806	0.00643	0	0	1.8	ANNUAL	ALL	1
371,908	3,757,934	0.00638	0	0	1.8	ANNUAL	ALL	1
371,046	3,757,668	0.00629	0	0	1.8	ANNUAL	ALL	1
371,254	3,757,762	0.00621	0	0	1.8	ANNUAL	ALL	1
371,264	3,757,783	0.00591	0	0	1.8	ANNUAL	ALL	1
370,945	3,757,670	0.00526	0	0	1.8	ANNUAL	ALL	1
372,274	3,756,753	0.0049	0	0	1.8	ANNUAL	ALL	1
371,798	3,758,080	0.0045	0	0	1.8	ANNUAL	ALL	1
370,907	3,757,702	0.00444	0	0	1.8	ANNUAL	ALL	1
370,885	3,757,751	0.00367	0	0	1.8	ANNUAL	ALL	1
372,713	3,756,743	0.00296	0	0	1.8	ANNUAL	ALL	1
369,409	3,757,730	0.00267	0	0	1.8	ANNUAL	ALL	1
369,498	3,755,268	0.00257	0	0	1.8	ANNUAL	ALL	1
369,787	3,755,267	0.00244	0	0	1.8	ANNUAL	ALL	1
369,454	3,757,776	0.00239	0	0	1.8	ANNUAL	ALL	1
369,194	3,755,270	0.00234	0	0	1.8	ANNUAL	ALL	1
368,604	3,757,719	0.00224	0	0	1.8	ANNUAL	ALL	1
368,770	3,757,799	0.00214	0	0	1.8	ANNUAL	ALL	1
369,080	3,757,864	0.00213	0	0	1.8	ANNUAL	ALL	1
368,603	3,757,765	0.00211	0	0	1.8	ANNUAL	ALL	1
366,985	3,756,358	0.0021	0	0	1.8	ANNUAL	ALL	1
366,902	3,756,692	0.00209	0	0	1.8	ANNUAL	ALL	1
366,853	3,756,663	0.00205	0	0	1.8	ANNUAL	ALL	1
366,876	3,756,760	0.00202	0	0	1.8	ANNUAL	ALL	1
367,114	3,756,056	0.00201	0	0	1.8	ANNUAL	ALL	1
366,813	3,756,739	0.00197	0	0	1.8	ANNUAL	ALL	1
372,703	3,756,553	0.00195	0	0	1.8	ANNUAL	ALL	1

Annual PM10 for All Sources

* AERMOD (07026): LAX CUP DIRECT BURIED PIPE

* MODELING OPTIONS USED:

* CONC DFAULT ELEV FLGPOL

* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

* FOR A TOTAL OF 121 RECEPTORS.

* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS
368,309	3,757,762	0.0019	0	0	1.8	ANNUAL	ALL	1
370,076	3,755,265	0.00189	0	0	1.8	ANNUAL	ALL	1
369,017	3,757,954	0.00185	0	0	1.8	ANNUAL	ALL	1
368,889	3,755,272	0.00185	0	0	1.8	ANNUAL	ALL	1
369,224	3,757,952	0.00184	0	0	1.8	ANNUAL	ALL	1
368,233	3,757,790	0.00179	0	0	1.8	ANNUAL	ALL	1
372,819	3,756,549	0.00176	0	0	1.8	ANNUAL	ALL	1
367,769	3,757,644	0.00173	0	0	1.8	ANNUAL	ALL	1
367,301	3,755,623	0.0017	0	0	1.8	ANNUAL	ALL	1
369,265	3,757,997	0.00168	0	0	1.8	ANNUAL	ALL	1
366,677	3,757,025	0.00165	0	0	1.8	ANNUAL	ALL	1
370,298	3,757,963	0.00165	0	0	1.8	ANNUAL	ALL	1
370,886	3,758,089	0.00163	0	0	1.8	ANNUAL	ALL	1
368,109	3,757,840	0.00162	0	0	1.8	ANNUAL	ALL	1
370,382	3,757,966	0.00162	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,719	0.0016	0	0	1.8	ANNUAL	ALL	1
367,609	3,757,677	0.00159	0	0	1.8	ANNUAL	ALL	1
367,413	3,757,695	0.00148	0	0	1.8	ANNUAL	ALL	1
370,510	3,758,027	0.00148	0	0	1.8	ANNUAL	ALL	1
367,809	3,757,835	0.00145	0	0	1.8	ANNUAL	ALL	1
367,291	3,757,694	0.00143	0	0	1.8	ANNUAL	ALL	1
368,569	3,755,273	0.00142	0	0	1.8	ANNUAL	ALL	1
367,410	3,757,736	0.00141	0	0	1.8	ANNUAL	ALL	1
370,299	3,758,078	0.0014	0	0	1.8	ANNUAL	ALL	1
372,814	3,756,455	0.0014	0	0	1.8	ANNUAL	ALL	1
367,905	3,757,930	0.00139	0	0	1.8	ANNUAL	ALL	1
366,536	3,757,322	0.00138	0	0	1.8	ANNUAL	ALL	1
367,518	3,757,796	0.00137	0	0	1.8	ANNUAL	ALL	1
367,539	3,757,802	0.00137	0	0	1.8	ANNUAL	ALL	1
367,914	3,757,962	0.00136	0	0	1.8	ANNUAL	ALL	1
366,999	3,757,642	0.00135	0	0	1.8	ANNUAL	ALL	1
370,506	3,758,088	0.00135	0	0	1.8	ANNUAL	ALL	1
366,777	3,757,520	0.00134	0	0	1.8	ANNUAL	ALL	1
369,850	3,758,078	0.00134	0	0	1.8	ANNUAL	ALL	1
367,807	3,757,936	0.00133	0	0	1.8	ANNUAL	ALL	1
367,174	3,757,740	0.00132	0	0	1.8	ANNUAL	ALL	1
370,380	3,755,263	0.00132	0	0	1.8	ANNUAL	ALL	1
366,624	3,757,468	0.00131	0	0	1.8	ANNUAL	ALL	1
367,775	3,757,959	0.00129	0	0	1.8	ANNUAL	ALL	1
368,275	3,755,275	0.00129	0	0	1.8	ANNUAL	ALL	1
366,644	3,757,531	0.00127	0	0	1.8	ANNUAL	ALL	1
369,452	3,758,128	0.00127	0	0	1.8	ANNUAL	ALL	1
367,798	3,758,011	0.00125	0	0	1.8	ANNUAL	ALL	1
372,705	3,756,372	0.0012	0	0	1.8	ANNUAL	ALL	1
366,487	3,757,537	0.00119	0	0	1.8	ANNUAL	ALL	1
366,437	3,757,531	0.00118	0	0	1.8	ANNUAL	ALL	1

Annual PM10 for All Sources								
* AERMOD (07026): LAX CUP DIRECT BURIED PIPE								
* MODELING OPTIONS USED:								
* CONC DFAULT ELEV FLGPOL								
* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL								
* FOR A TOTAL OF 121 RECEPTORS.								
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)								
X	**Y**	**AVERAGE**	**ZELEV**	**ZHILL**	**ZFLAG**	**AVE**	**GRP**	**NUM**
		CONC						**YRS**
367,936	3,755,213	0.00118	0	0	1.8	ANNUAL	ALL	1
367,484	3,755,199	0.00117	0	0	1.8	ANNUAL	ALL	1
372,797	3,756,368	0.00112	0	0	1.8	ANNUAL	ALL	1
370,996	3,755,560	0.00108	0	0	1.8	ANNUAL	ALL	1
372,706	3,756,327	0.00106	0	0	1.8	ANNUAL	ALL	1
371,042	3,755,556	0.00099	0	0	1.8	ANNUAL	ALL	1
371,001	3,755,419	0.00098	0	0	1.8	ANNUAL	ALL	1
370,667	3,755,262	0.00098	0	0	1.8	ANNUAL	ALL	1
370,801	3,755,276	0.00095	0	0	1.8	ANNUAL	ALL	1
369,853	3,758,394	0.00092	0	0	1.8	ANNUAL	ALL	1
371,043	3,755,384	0.00091	0	0	1.8	ANNUAL	ALL	1
372,927	3,756,319	0.0009	0	0	1.8	ANNUAL	ALL	1
369,460	3,758,394	0.00087	0	0	1.8	ANNUAL	ALL	1
371,056	3,755,349	0.00087	0	0	1.8	ANNUAL	ALL	1
371,049	3,755,196	0.00079	0	0	1.8	ANNUAL	ALL	1
372,926	3,756,245	0.00074	0	0	1.8	ANNUAL	ALL	1
373,457	3,756,236	0.00055	0	0	1.8	ANNUAL	ALL	1
371,463	3,755,192	0.00045	0	0	1.8	ANNUAL	ALL	1
371,843	3,755,189	0.00029	0	0	1.8	ANNUAL	ALL	1
372,238	3,755,186	0.00024	0	0	1.8	ANNUAL	ALL	1
373,135	3,755,704	0.00023	0	0	1.8	ANNUAL	ALL	1
373,219	3,755,705	0.00022	0	0	1.8	ANNUAL	ALL	1
373,054	3,755,563	0.00022	0	0	1.8	ANNUAL	ALL	1
373,131	3,755,567	0.00021	0	0	1.8	ANNUAL	ALL	1
372,624	3,755,182	0.00021	0	0	1.8	ANNUAL	ALL	1
373,222	3,755,569	0.0002	0	0	1.8	ANNUAL	ALL	1
372,725	3,755,177	0.00019	0	0	1.8	ANNUAL	ALL	1
373,448	3,755,560	0.00018	0	0	1.8	ANNUAL	ALL	1
373,046	3,755,174	0.00017	0	0	1.8	ANNUAL	ALL	1

LAX CUP Replacement Project

Criteria Pollutant Dispersion Modeling Results - Operations

Last updated - 7/6/2009

Maximum Incremental Operations Impact from Comparison of All Receptors Before and After the CUP-RP

		Concentration (ug/m3)						
Pollutant	**Averaging Period**	**New CUP**	**Existing CUP**	**Operational Increment**	**Background**	**Increment + Background**	**Threshold**	**Exceeded**
CO	1-Hour	0.33	1.47	(1.14)	3,436	3,435	23,000	No
CO	8-Hour	0.09	0.36	(0.27)	2,897	2,897	10,000	No
NO2	1-Hour	0.16	1.17	(1.01)	186	185	339	No
NO2	Annual	0.002	0.011	(0.009)	28.2	28.2	57	No
PM10	24-Hour	0.53	0.39	0.14	NA	0.14	2.5	No
PM10	Annual	0.70	0.48	0.22	NA	0.22	1.0	No
PM2.5	24-Hour	0.53	0.39	0.14	NA	0.14	2.5	No
PM2.5	Annual	0.70	0.48	0.22	NA	0.22	NA	NA
SO2	1-Hour	0.19	0.14	0.05	52.4	52.4	655	No
SO2	3-Hour	0.02	0.02	0.00	52.4	52.4	1,300	No
SO2	24-Hour	1.06	0.07	0.98	26.2	27.2	105	No
SO2	Annual	0.05	0.02	0.03	7.85	7.88	80	No

Incremental Operations Impact at the CTA Receptor Before and After the CUP-RP

		Concentration (ug/m3)						
Pollutant	**Averaging Period**	**New CUP**	**Existing CUP**	**Operational Increment**	**Background**	**Increment + Background**	**Threshold**	**Exceeded**
CO	1-Hour	6.38	26.36	(19.98)	3,436	3,416	23,000	No
CO	8-Hour	5.29	21.61	(16.31)	2,897	2,881	10,000	No
NO2	1-Hour	3.02	21.81	(18.79)	186	167	339	No
NO2	Annual	0.82	3.62	(2.79)	28.2	25.4	57	No
PM10	24-Hour	1.41	1.36	0.04	NA	0.04	2.5	No
PM10	Annual	0.70	0.48	0.22	NA	0.22	1.0	No
PM2.5	24-Hour	1.41	1.364	0.04	NA	0.043	2.5	No
PM2.5	Annual	0.70	0.48	0.22	NA	0.22	NA	NA
SO2	1-Hour	0.19	0.14	0.05	52.4	52.4	655	No
SO2	3-Hour	0.18	0.19	(0.01)	52.4	52.4	1,300	No
SO2	24-Hour	1.06	0.07	0.98	26.2	27.2	105	No
SO2	Annual	0.05	0.02	0.03	7.85	7.88	80	No

*** MODEL SETUP OPTIONS SUMMARY ***

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

-- DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO GAS DRY DEPOSITION Data Provided.

**Model Uses URBAN Dispersion Algorithm for the SBL for 7 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 165468.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 4 Short Term Average(s) of: 1-HR 3-HR 8-HR 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 7 Source(s); 4 Source Group(s); and 451 Receptor(s)

**The Model Assumes A Pollutant Type of: UNIT

**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)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 0.00 ; 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 = 1.3 MB of RAM.
**File for Saving Result Arrays: ExistCUP.sv1

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
TESTACK1	0	0.10000E+01	370266.9	3756616.0	0.0	16.76	422.04	20.26	1.52	YES	YES	NO	
BESTACK2	0	0.10000E+01	370267.6	3756633.5	0.0	16.76	422.04	6.64	0.85	YES	YES	NO	
BESTACK3	0	0.10000E+01	370270.5	3756633.5	0.0	16.76	422.04	6.64	0.85	YES	YES	NO	
CTESTCK4	0	0.10000E+01	370288.4	3756572.2	0.0	12.19	0.00	3.40	7.01	YES	YES	NO	
CTESTCK5	0	0.10000E+01	370288.8	3756561.8	0.0	12.19	0.00	3.40	7.01	YES	YES	NO	
CTESTCK6	0	0.10000E+01	370290.4	3756549.2	0.0	12.19	0.00	3.40	7.01	YES	YES	NO	
CTESTCK7	0	0.10000E+01	370290.9	3756537.0	0.0	12.19	0.00	3.40	7.01	YES	YES	NO	

CONC DFAULT ELEV FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
EXISTRBN	TESTACK1,
EXSTBLR1	BESTACK2,
EXSCLTWR	CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,
EXSTBLR2	BESTACK3,

CONC DFAULT ELEV FLGPOL

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: TESTACK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	6.1,	42.0,	42.0,	-17.7,	2.2,	2	6.1,	40.1,	40.1,	-17.1,	2.8,
3	6.1,	41.2,	41.2,	-18.2,	3.3,	4	6.1,	42.5,	42.5,	-19.5,	3.6,
5	6.1,	42.5,	42.5,	-20.1,	3.9,	6	6.1,	41.2,	41.2,	-20.2,	4.0,
7	6.1,	40.1,	40.1,	-20.3,	4.0,	8	6.1,	42.0,	42.0,	-22.0,	3.9,
9	6.1,	42.7,	42.7,	-23.0,	3.7,	10	6.1,	42.0,	42.0,	-23.3,	3.3,
11	6.1,	40.1,	40.1,	-22.9,	2.9,	12	6.1,	41.2,	41.2,	-23.9,	2.4,
13	6.1,	42.5,	42.5,	-24.9,	1.8,	14	6.1,	42.5,	42.5,	-25.1,	1.1,
15	6.1,	41.2,	41.2,	-24.6,	0.4,	16	6.1,	40.1,	40.1,	-24.1,	-0.3,
17	6.1,	42.0,	42.0,	-24.9,	-1.0,	18	6.1,	42.7,	42.7,	-25.0,	-1.6,
19	6.1,	42.0,	42.0,	-24.4,	-2.2,	20	6.1,	40.1,	40.1,	-23.0,	-2.8,
21	6.1,	41.2,	41.2,	-23.0,	-3.3,	22	6.1,	42.5,	42.5,	-23.0,	-3.6,
23	6.1,	42.5,	42.5,	-22.4,	-3.9,	24	6.1,	41.2,	41.2,	-21.0,	-4.0,
25	6.1,	40.1,	40.1,	-19.8,	-4.0,	26	6.1,	42.0,	42.0,	-20.0,	-3.9,
27	6.1,	42.7,	42.7,	-19.7,	-3.7,	28	6.1,	42.0,	42.0,	-18.8,	-3.3,
29	6.1,	40.1,	40.1,	-17.2,	-2.9,	30	6.1,	41.2,	41.2,	-17.4,	-2.4,
31	6.1,	42.5,	42.5,	-17.6,	-1.8,	32	12.2,	42.1,	49.2,	-85.4,	21.8,
33	12.2,	36.5,	50.5,	-88.9,	11.0,	34	12.2,	29.9,	50.4,	-89.8,	-0.3,
35	12.2,	22.3,	48.7,	-87.9,	-11.5,	36	6.1,	42.7,	42.7,	-17.6,	1.6,

SOURCE ID: BESTACK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	6.1,	42.0,	42.0,	-35.0,	-0.2,	2	6.1,	40.1,	40.1,	-33.8,	-2.6,
3	6.1,	41.2,	41.2,	-33.7,	-5.0,	4	6.1,	42.5,	42.5,	-33.3,	-7.2,
5	6.1,	42.5,	42.5,	-31.9,	-9.2,	6	6.1,	41.2,	41.2,	-29.5,	-10.9,
7	6.1,	40.1,	40.1,	-26.9,	-12.2,	8	6.1,	42.0,	42.0,	-25.6,	-13.2,
9	6.1,	42.7,	42.7,	-23.6,	-13.9,	10	6.1,	42.0,	42.0,	-20.8,	-14.0,
11	6.1,	40.1,	40.1,	-17.4,	-13.8,	12	6.1,	41.2,	41.2,	-15.6,	-13.1,
13	6.1,	42.5,	42.5,	-14.1,	-12.1,	14	6.1,	42.5,	42.5,	-12.1,	-10.6,
15	6.1,	41.2,	41.2,	-9.7,	-8.9,	16	6.1,	40.1,	40.1,	-7.8,	-6.8,
17	6.1,	42.0,	42.0,	-7.8,	-4.6,	18	6.1,	42.7,	42.7,	-7.5,	-2.2,
19	6.1,	42.0,	42.0,	-7.0,	0.2,	20	6.1,	40.1,	40.1,	-6.3,	2.6,
21	6.1,	41.2,	41.2,	-7.5,	5.0,	22	6.1,	42.5,	42.5,	-9.2,	7.2,
23	6.1,	42.5,	42.5,	-10.6,	9.2,	24	6.1,	41.2,	41.2,	-11.7,	10.9,
25	6.1,	40.1,	40.1,	-13.2,	12.2,	26	6.1,	42.0,	42.0,	-16.4,	13.2,
27	6.1,	42.7,	42.7,	-19.1,	13.9,	28	6.1,	42.0,	42.0,	-21.2,	14.0,
29	6.1,	40.1,	40.1,	-22.7,	13.8,	30	6.1,	41.2,	41.2,	-25.6,	13.1,
31	6.1,	42.5,	42.5,	-28.4,	12.1,	32	6.1,	42.5,	42.5,	-30.4,	10.6,
33	12.2,	36.5,	50.5,	-103.8,	20.3,	34	12.2,	29.9,	50.4,	-106.0,	6.3,
35	12.2,	22.3,	48.7,	-105.1,	-7.8,	36	6.1,	42.7,	42.7,	-35.2,	2.2,

SOURCE ID: BESTACK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	6.1,	42.0,	42.0,	-35.6,	2.7,	2	6.1,	40.1,	40.1,	-34.9,	0.2,
3	6.1,	41.2,	41.2,	-35.2,	-2.4,	4	6.1,	42.5,	42.5,	-35.2,	-4.9,
5	6.1,	42.5,	42.5,	-34.2,	-7.3,	6	6.1,	41.2,	41.2,	-32.1,	-9.4,
7	6.1,	40.1,	40.1,	-29.7,	-11.3,	8	6.1,	42.0,	42.0,	-28.6,	-12.8,
9	6.1,	42.7,	42.7,	-26.6,	-13.9,	10	6.1,	42.0,	42.0,	-23.8,	-14.6,

11	6.1,	40.1,	40.1,	-20.2,	-14.8,	12	6.1,	41.2,	41.2,	-18.2,	-14.6,
13	6.1,	42.5,	42.5,	-16.3,	-14.0,	14	6.1,	42.5,	42.5,	-14.0,	-12.9,
15	6.1,	41.2,	41.2,	-11.2,	-11.5,	16	6.1,	40.1,	40.1,	-8.8,	-9.7,
17	6.1,	42.0,	42.0,	-8.2,	-7.6,	18	6.1,	42.7,	42.7,	-7.4,	-5.2,
19	6.1,	42.0,	42.0,	-6.4,	-2.7,	20	6.1,	40.1,	40.1,	-5.2,	-0.2,
21	6.1,	41.2,	41.2,	-6.0,	2.4,	22	6.1,	42.5,	42.5,	-7.3,	4.9,
23	6.1,	42.5,	42.5,	-8.3,	7.3,	24	6.1,	41.2,	41.2,	-9.1,	9.4,
25	6.1,	40.1,	40.1,	-10.4,	11.3,	26	6.1,	42.0,	42.0,	-13.4,	12.8,
27	6.1,	42.7,	42.7,	-16.1,	13.9,	28	6.1,	42.0,	42.0,	-18.3,	14.6,
29	6.1,	40.1,	40.1,	-19.9,	14.8,	30	6.1,	41.2,	41.2,	-23.0,	14.6,
31	6.1,	42.5,	42.5,	-26.2,	14.0,	32	6.1,	42.5,	42.5,	-28.5,	12.9,
33	12.2,	36.5,	50.5,	-102.3,	22.9,	34	12.2,	29.9,	50.4,	-105.1,	9.1,
35	12.2,	22.3,	48.7,	-104.6,	-4.9,	36	6.1,	42.7,	42.7,	-35.2,	5.2,

SOURCE ID: CTESTCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.2,	29.9,	50.4,	-41.6,	-3.8,	2	12.2,	36.5,	50.5,	-40.8,	-6.6,
3	12.2,	42.1,	49.2,	-38.7,	-9.2,	4	12.2,	46.3,	46.3,	-35.5,	-11.5,
5	12.2,	49.2,	42.1,	-31.2,	-13.5,	6	12.2,	50.5,	36.5,	-25.9,	-15.1,
7	12.2,	50.4,	29.9,	-19.9,	-16.1,	8	12.2,	48.7,	22.3,	-13.2,	-16.8,
9	12.2,	48.7,	22.3,	-10.2,	-16.8,	10	12.2,	50.4,	29.9,	-11.1,	-16.4,
11	12.2,	50.5,	36.5,	-11.6,	-15.5,	12	12.2,	49.2,	42.1,	-11.8,	-14.1,
13	12.2,	46.3,	46.3,	-11.6,	-12.3,	14	12.2,	42.1,	49.2,	-11.1,	-10.1,
15	12.2,	36.5,	50.5,	-10.2,	-7.6,	16	12.2,	29.9,	50.4,	-9.0,	-4.9,
17	12.2,	22.3,	48.7,	-7.6,	-2.0,	18	12.2,	22.3,	48.7,	-7.5,	0.9,
19	12.2,	29.9,	50.4,	-8.8,	3.8,	20	12.2,	36.5,	50.5,	-9.8,	6.6,
21	12.2,	42.1,	49.2,	-10.5,	9.2,	22	12.2,	46.3,	46.3,	-10.9,	11.5,
23	12.2,	49.2,	42.1,	-10.9,	13.5,	24	12.2,	50.5,	36.5,	-10.6,	15.1,
25	12.2,	50.4,	29.9,	-10.1,	16.1,	26	12.2,	48.7,	22.3,	-9.1,	16.8,
27	12.2,	48.7,	22.3,	-12.1,	16.8,	28	12.2,	50.4,	29.9,	-18.8,	16.4,
29	12.2,	50.5,	36.5,	-24.9,	15.5,	30	12.2,	49.2,	42.1,	-30.3,	14.1,
31	12.2,	46.3,	46.3,	-34.7,	12.3,	32	12.2,	42.1,	49.2,	-38.1,	10.1,
33	12.2,	36.5,	50.5,	-40.3,	7.6,	34	12.2,	29.9,	50.4,	-41.3,	4.9,
35	12.2,	22.3,	48.7,	-41.1,	2.0,	36	12.2,	22.3,	48.7,	-41.2,	-0.9,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CTESTCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.2,	29.9,	50.4,	-31.4,	-1.6,	2	12.2,	36.5,	50.5,	-31.1,	-2.7,
3	12.2,	42.1,	49.2,	-29.9,	-3.6,	4	12.2,	46.3,	46.3,	-27.8,	-4.5,
5	12.2,	49.2,	42.1,	-24.8,	-5.2,	6	12.2,	50.5,	36.5,	-21.0,	-5.8,
7	12.2,	50.4,	29.9,	-16.7,	-6.2,	8	12.2,	48.7,	22.3,	-11.8,	-6.4,
9	12.2,	48.7,	22.3,	-10.7,	-6.4,	10	12.2,	50.4,	29.9,	-13.3,	-6.2,
11	12.2,	50.5,	36.5,	-15.6,	-5.8,	12	12.2,	49.2,	42.1,	-17.4,	-5.3,
13	12.2,	46.3,	46.3,	-18.7,	-4.6,	14	12.2,	42.1,	49.2,	-19.4,	-3.7,
15	12.2,	36.5,	50.5,	-19.5,	-2.8,	16	12.2,	29.9,	50.4,	-19.0,	-1.7,
17	12.2,	22.3,	48.7,	-17.9,	-0.6,	18	12.2,	22.3,	48.7,	-17.9,	0.5,
19	12.2,	29.9,	50.4,	-19.0,	1.6,	20	12.2,	36.5,	50.5,	-19.4,	2.7,
21	12.2,	42.1,	49.2,	-19.3,	3.6,	22	12.2,	46.3,	46.3,	-18.6,	4.5,
23	12.2,	49.2,	42.1,	-17.3,	5.2,	24	12.2,	50.5,	36.5,	-15.5,	5.8,
25	12.2,	50.4,	29.9,	-13.2,	6.2,	26	12.2,	48.7,	22.3,	-10.6,	6.4,
27	12.2,	48.7,	22.3,	-11.7,	6.4,	28	12.2,	50.4,	29.9,	-16.6,	6.2,
29	12.2,	50.5,	36.5,	-20.9,	5.8,	30	12.2,	49.2,	42.1,	-24.7,	5.3,
31	12.2,	46.3,	46.3,	-27.7,	4.6,	32	12.2,	42.1,	49.2,	-29.8,	3.7,
33	12.2,	36.5,	50.5,	-31.1,	2.8,	34	12.2,	29.9,	50.4,	-31.4,	1.7,
35	12.2,	22.3,	48.7,	-30.7,	0.6,	36	12.2,	22.3,	48.7,	-30.7,	-0.5,

SOURCE ID: CTESTCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.2,	29.9,	50.4,	-19.2,	2.2,	2	12.2,	36.5,	50.5,	-19.8,	3.2,
3	12.2,	42.1,	49.2,	-19.7,	4.1,	4	12.2,	46.3,	46.3,	-19.1,	4.9,
5	12.2,	49.2,	42.1,	-17.9,	5.5,	6	12.2,	50.5,	36.5,	-16.1,	6.0,
7	12.2,	50.4,	29.9,	-13.9,	6.3,	8	12.2,	48.7,	22.3,	-11.2,	6.4,
9	12.2,	48.7,	22.3,	-12.3,	6.3,	10	12.2,	50.4,	29.9,	-17.1,	6.0,
11	12.2,	50.5,	36.5,	-21.5,	5.5,	12	12.2,	49.2,	42.1,	-25.1,	4.9,
13	12.2,	46.3,	46.3,	-28.1,	4.1,	14	12.2,	42.1,	49.2,	-30.1,	3.2,
15	12.2,	36.5,	50.5,	-31.3,	2.2,	16	12.2,	29.9,	50.4,	-31.5,	1.1,
17	12.2,	22.3,	48.7,	-30.7,	0.0,	18	12.2,	22.3,	48.7,	-30.6,	-1.1,
19	12.2,	29.9,	50.4,	-31.2,	-2.2,	20	12.2,	36.5,	50.5,	-30.8,	-3.2,
21	12.2,	42.1,	49.2,	-29.5,	-4.1,	22	12.2,	46.3,	46.3,	-27.2,	-4.9,
23	12.2,	49.2,	42.1,	-24.2,	-5.5,	24	12.2,	50.5,	36.5,	-20.4,	-6.0,
25	12.2,	50.4,	29.9,	-16.0,	-6.3,	26	12.2,	48.7,	22.3,	-11.1,	-6.4,
27	12.2,	48.7,	22.3,	-10.1,	-6.3,	28	12.2,	50.4,	29.9,	-12.8,	-6.0,
29	12.2,	50.5,	36.5,	-15.1,	-5.5,	30	12.2,	49.2,	42.1,	-16.9,	-4.9,
31	12.2,	46.3,	46.3,	-18.3,	-4.1,	32	12.2,	42.1,	49.2,	-19.1,	-3.2,
33	12.2,	36.5,	50.5,	-19.3,	-2.2,	34	12.2,	29.9,	50.4,	-18.9,	-1.1,
35	12.2,	22.3,	48.7,	-18.0,	0.0,	36	12.2,	22.3,	48.7,	-18.1,	1.1,

SOURCE ID: CTESTCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.2,	29.9,	50.4,	-7.4,	4.8,	2	12.2,	36.5,	50.5,	-8.6,	7.8,
3	12.2,	42.1,	49.2,	-9.5,	10.6,	4	12.2,	46.3,	46.3,	-10.2,	13.1,
5	12.2,	49.2,	42.1,	-10.5,	15.1,	6	12.2,	50.5,	36.5,	-10.5,	16.7,
7	12.2,	50.4,	29.9,	-10.2,	17.8,	8	12.2,	48.7,	22.3,	-9.6,	18.4,
9	12.2,	48.7,	22.3,	-12.8,	18.4,	10	12.2,	50.4,	29.9,	-19.8,	17.8,

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 11   12.2,   50.5,   36.5,  -26.1,   16.7,     12   12.2,   49.2,   42.1,  -31.6,   15.1,
 13   12.2,   46.3,   46.3,  -36.2,   13.0,     14   12.2,   42.1,   49.2,  -39.7,   10.5,
 15   12.2,   36.5,   50.5,  -42.0,    7.7,     16   12.2,   29.9,   50.4,  -43.0,    4.7,
 17   12.2,   22.3,   48.7,  -42.7,    1.5,     18   12.2,   22.3,   48.7,  -42.7,   -1.7,
 19   12.2,   29.9,   50.4,  -43.0,   -4.8,     20   12.2,   36.5,   50.5,  -41.9,   -7.8,
 21   12.2,   42.1,   49.2,  -39.7,  -10.6,     22   12.2,   46.3,   46.3,  -36.2,  -13.1,
 23   12.2,   49.2,   42.1,  -31.6,  -15.1,     24   12.2,   50.5,   36.5,  -26.0,  -16.7,
 25   12.2,   50.4,   29.9,  -19.7,  -17.8,     26   12.2,   48.7,   22.3,  -12.7,  -18.4,
 27   12.2,   48.7,   22.3,   -9.5,  -18.4,     28   12.2,   50.4,   29.9,  -10.1,  -17.8,
 29   12.2,   50.5,   36.5,  -10.4,  -16.7,     30   12.2,   49.2,   42.1,  -10.4,  -15.1,
 31   12.2,   46.3,   46.3,  -10.1,  -13.0,     32   12.2,   42.1,   49.2,   -9.5,  -10.5,
 33   12.2,   36.5,   50.5,   -8.6,   -7.7,     34   12.2,   29.9,   50.4,   -7.4,   -4.7,
 35   12.2,   22.3,   48.7,   -6.0,   -1.5,     36   12.2,   22.3,   48.7,   -6.0,    1.7,
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 *** AERMOD - VERSION 07026 ***    *** LAX CUP Operation                                          ***        07/06/09
                                   *** Existing CUP Sources - Normalized Emission Rate            ***        19:21:50
**MODELOPTs:                                                                                                PAGE   6
CONC                        DFAULT ELEV   FLGPOL


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

   ( 372248.5, 3757611.8,       0.0,       0.0,       1.8);         ( 372498.5, 3757611.8,       0.0,       0.0,       1.8);
   ( 372248.5, 3757861.8,       0.0,       0.0,       1.8);         ( 372498.5, 3757861.8,       0.0,       0.0,       1.8);
   ( 372248.5, 3758111.8,       0.0,       0.0,       1.8);         ( 372498.5, 3758111.8,       0.0,       0.0,       1.8);
   ( 372248.5, 3758361.8,       0.0,       0.0,       1.8);         ( 372498.5, 3758361.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3755334.8,       0.0,       0.0,       1.8);         ( 374092.8, 3755334.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3755709.8,       0.0,       0.0,       1.8);         ( 374092.8, 3755709.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3756084.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756084.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3756459.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756459.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3756834.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756834.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3757209.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757209.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3757584.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757584.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3757959.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757959.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3758334.8,       0.0,       0.0,       1.8);         ( 374092.8, 3758334.8,       0.0,       0.0,       1.8);
   ( 373792.8, 3758709.8,       0.0,       0.0,       1.8);         ( 374092.8, 3758709.8,       0.0,       0.0,       1.8);
   ( 370479.0, 3756653.8,       0.0,       0.0,       1.8);         ( 367277.9, 3755613.5,       0.0,       0.0,       1.8);
   ( 367231.2, 3755721.8,       0.0,       0.0,       1.8);         ( 367184.6, 3755830.0,       0.0,       0.0,       1.8);
   ( 367138.0, 3755938.2,       0.0,       0.0,       1.8);         ( 367091.3, 3756046.5,       0.0,       0.0,       1.8);
   ( 367048.1, 3756146.8,       0.0,       0.0,       1.8);         ( 367004.8, 3756247.2,       0.0,       0.0,       1.8);
   ( 366961.6, 3756347.5,       0.0,       0.0,       1.8);         ( 366917.7, 3756449.5,       0.0,       0.0,       1.8);
   ( 366873.8, 3756551.2,       0.0,       0.0,       1.8);         ( 366829.9, 3756653.0,       0.0,       0.0,       1.8);
   ( 366840.2, 3756684.5,       0.0,       0.0,       1.8);         ( 366889.6, 3756713.5,       0.0,       0.0,       1.8);
   ( 366879.0, 3756682.8,       0.0,       0.0,       1.8);         ( 366852.2, 3756751.0,       0.0,       0.0,       1.8);
   ( 366883.6, 3756736.5,       0.0,       0.0,       1.8);         ( 366820.8, 3756715.0,       0.0,       0.0,       1.8);
   ( 366790.1, 3756728.0,       0.0,       0.0,       1.8);         ( 366745.0, 3756823.2,       0.0,       0.0,       1.8);
   ( 366699.8, 3756918.5,       0.0,       0.0,       1.8);         ( 366654.7, 3757013.8,       0.0,       0.0,       1.8);
   ( 366607.7, 3757113.0,       0.0,       0.0,       1.8);         ( 366560.6, 3757212.0,       0.0,       0.0,       1.8);
   ( 366513.6, 3757311.2,       0.0,       0.0,       1.8);         ( 366464.2, 3757415.8,       0.0,       0.0,       1.8);
   ( 366414.7, 3757520.0,       0.0,       0.0,       1.8);         ( 366434.0, 3757555.5,       0.0,       0.0,       1.8);
   ( 366483.7, 3757562.0,       0.0,       0.0,       1.8);         ( 366566.7, 3757525.0,       0.0,       0.0,       1.8);
   ( 366620.6, 3757538.5,       0.0,       0.0,       1.8);         ( 366646.4, 3757555.5,       0.0,       0.0,       1.8);
   ( 366712.8, 3757550.2,       0.0,       0.0,       1.8);         ( 366779.1, 3757544.8,       0.0,       0.0,       1.8);
   ( 366838.8, 3757582.5,       0.0,       0.0,       1.8);         ( 366912.6, 3757623.2,       0.0,       0.0,       1.8);
   ( 366986.5, 3757664.2,       0.0,       0.0,       1.8);         ( 367074.3, 3757712.8,       0.0,       0.0,       1.8);
   ( 367162.2, 3757761.2,       0.0,       0.0,       1.8);         ( 367299.8, 3757717.8,       0.0,       0.0,       1.8);
   ( 367384.9, 3757734.0,       0.0,       0.0,       1.8);         ( 367397.6, 3757757.5,       0.0,       0.0,       1.8);
   ( 367505.6, 3757818.0,       0.0,       0.0,       1.8);         ( 367532.8, 3757826.0,       0.0,       0.0,       1.8);
   ( 367561.1, 3757814.0,       0.0,       0.0,       1.8);         ( 367596.0, 3757751.5,       0.0,       0.0,       1.8);
   ( 367631.0, 3757689.0,       0.0,       0.0,       1.8);         ( 367694.1, 3757685.0,       0.0,       0.0,       1.8);
   ( 367749.9, 3757720.5,       0.0,       0.0,       1.8);         ( 367785.5, 3757841.8,       0.0,       0.0,       1.8);
   ( 367782.1, 3757935.0,       0.0,       0.0,       1.8);         ( 367752.1, 3757968.5,       0.0,       0.0,       1.8);
   ( 367775.2, 3758021.2,       0.0,       0.0,       1.8);         ( 367807.9, 3758034.0,       0.0,       0.0,       1.8);
   ( 367866.1, 3758009.2,       0.0,       0.0,       1.8);         ( 367924.2, 3757984.5,       0.0,       0.0,       1.8);
   ( 367938.2, 3757954.0,       0.0,       0.0,       1.8);         ( 367928.4, 3757922.8,       0.0,       0.0,       1.8);
   ( 367914.6, 3757953.2,       0.0,       0.0,       1.8);         ( 368016.7, 3757908.2,       0.0,       0.0,       1.8);
   ( 368118.8, 3757863.2,       0.0,       0.0,       1.8);         ( 368180.1, 3757838.5,       0.0,       0.0,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
( 368242.1, 3757813.5,       0.0,       0.0,       1.8);         ( 368317.8, 3757784.8,       0.0,       0.0,       1.8);
( 368406.7, 3757787.8,       0.0,       0.0,       1.8);         ( 368504.9, 3757788.8,       0.0,       0.0,       1.8);
( 368603.1, 3757790.0,       0.0,       0.0,       1.8);         ( 368628.4, 3757765.2,       0.0,       0.0,       1.8);
( 368675.9, 3757781.0,       0.0,       0.0,       1.8);         ( 368758.8, 3757821.0,       0.0,       0.0,       1.8);
( 368838.9, 3757871.5,       0.0,       0.0,       1.8);         ( 368921.4, 3757923.5,       0.0,       0.0,       1.8);
( 369003.8, 3757975.5,       0.0,       0.0,       1.8);         ( 369037.7, 3757968.8,       0.0,       0.0,       1.8);
( 369100.8, 3757878.2,       0.0,       0.0,       1.8);         ( 369067.2, 3757885.2,       0.0,       0.0,       1.8);
( 369139.0, 3757929.5,       0.0,       0.0,       1.8);         ( 369210.9, 3757973.8,       0.0,       0.0,       1.8);
( 369243.2, 3757968.2,       0.0,       0.0,       1.8);         ( 369304.8, 3757894.2,       0.0,       0.0,       1.8);
( 369366.4, 3757820.0,       0.0,       0.0,       1.8);         ( 369436.4, 3757793.5,       0.0,       0.0,       1.8);
( 369435.2, 3757759.8,       0.0,       0.0,       1.8);         ( 369250.6, 3758016.8,       0.0,       0.0,       1.8);
( 369343.9, 3758082.5,       0.0,       0.0,       1.8);         ( 369437.2, 3758148.2,       0.0,       0.0,       1.8);
( 369429.4, 3758217.5,       0.0,       0.0,       1.8);         ( 369432.2, 3758306.2,       0.0,       0.0,       1.8);
( 369435.0, 3758395.0,       0.0,       0.0,       1.8);         ( 369460.0, 3758419.2,       0.0,       0.0,       1.8);
( 369558.2, 3758419.2,       0.0,       0.0,       1.8);         ( 369656.5, 3758419.2,       0.0,       0.0,       1.8);
( 369754.8, 3758419.2,       0.0,       0.0,       1.8);         ( 369853.1, 3758419.2,       0.0,       0.0,       1.8);
( 369878.1, 3758394.0,       0.0,       0.0,       1.8);         ( 369877.2, 3758288.8,       0.0,       0.0,       1.8);
( 369876.3, 3758183.2,       0.0,       0.0,       1.8);         ( 369962.5, 3758103.0,       0.0,       0.0,       1.8);
( 370074.5, 3758103.0,       0.0,       0.0,       1.8);         ( 370186.6, 3758103.0,       0.0,       0.0,       1.8);
( 370298.6, 3758103.2,       0.0,       0.0,       1.8);         ( 370323.6, 3758078.0,       0.0,       0.0,       1.8);
( 370381.4, 3757991.0,       0.0,       0.0,       1.8);         ( 370435.4, 3758019.2,       0.0,       0.0,       1.8);
( 370499.3, 3758049.8,       0.0,       0.0,       1.8);         ( 370485.2, 3758025.2,       0.0,       0.0,       1.8);
( 370480.7, 3758086.0,       0.0,       0.0,       1.8);         ( 370505.5, 3758112.8,       0.0,       0.0,       1.8);
( 370600.7, 3758113.2,       0.0,       0.0,       1.8);         ( 370695.9, 3758113.5,       0.0,       0.0,       1.8);
( 370791.1, 3758113.8,       0.0,       0.0,       1.8);         ( 370886.3, 3758114.0,       0.0,       0.0,       1.8);
( 370911.4, 3758089.0,       0.0,       0.0,       1.8);         ( 370911.0, 3757976.0,       0.0,       0.0,       1.8);
( 370910.5, 3757863.2,       0.0,       0.0,       1.8);         ( 370910.1, 3757750.5,       0.0,       0.0,       1.8);
( 370930.1, 3757711.8,       0.0,       0.0,       1.8);         ( 370960.9, 3757689.2,       0.0,       0.0,       1.8);
( 371046.5, 3757692.5,       0.0,       0.0,       1.8);         ( 371070.8, 3757667.5,       0.0,       0.0,       1.8);
( 371071.3, 3757585.2,       0.0,       0.0,       1.8);         ( 371046.9, 3757610.0,       0.0,       0.0,       1.8);
( 371122.2, 3757608.5,       0.0,       0.0,       1.8);         ( 371099.5, 3757595.0,       0.0,       0.0,       1.8);
( 371134.9, 3757663.2,       0.0,       0.0,       1.8);         ( 371170.4, 3757731.8,       0.0,       0.0,       1.8);
( 371239.9, 3757782.8,       0.0,       0.0,       1.8);         ( 371263.7, 3757807.5,       0.0,       0.0,       1.8);
( 371372.4, 3757807.2,       0.0,       0.0,       1.8);         ( 371385.3, 3757826.8,       0.0,       0.0,       1.8);
( 371485.0, 3757895.2,       0.0,       0.0,       1.8);         ( 371584.7, 3757963.8,       0.0,       0.0,       1.8);
( 371684.4, 3758032.2,       0.0,       0.0,       1.8);         ( 371784.2, 3758100.8,       0.0,       0.0,       1.8);
( 371818.3, 3758095.2,       0.0,       0.0,       1.8);         ( 371873.2, 3758021.8,       0.0,       0.0,       1.8);
( 371928.2, 3757948.5,       0.0,       0.0,       1.8);         ( 371969.3, 3757946.2,       0.0,       0.0,       1.8);
( 371989.2, 3757923.8,       0.0,       0.0,       1.8);         ( 371995.1, 3757843.2,       0.0,       0.0,       1.8);
( 371969.4, 3757866.5,       0.0,       0.0,       1.8);         ( 372022.5, 3757868.2,       0.0,       0.0,       1.8);
( 372048.3, 3757843.0,       0.0,       0.0,       1.8);         ( 372047.2, 3757745.8,       0.0,       0.0,       1.8);
( 372046.0, 3757648.5,       0.0,       0.0,       1.8);         ( 372044.9, 3757551.2,       0.0,       0.0,       1.8);
( 372040.5, 3757447.8,       0.0,       0.0,       1.8);         ( 372036.1, 3757345.0,       0.0,       0.0,       1.8);
( 372031.8, 3757242.0,       0.0,       0.0,       1.8);         ( 372027.4, 3757139.2,       0.0,       0.0,       1.8);
( 372002.6, 3757115.2,       0.0,       0.0,       1.8);         ( 371880.5, 3757114.2,       0.0,       0.0,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
( 371758.5, 3757113.2,       0.0,       0.0,       1.8);         ( 371636.4, 3757112.2,       0.0,       0.0,       1.8);
( 371514.3, 3757111.2,       0.0,       0.0,       1.8);         ( 371394.4, 3757110.2,       0.0,       0.0,       1.8);
( 371274.5, 3757109.5,       0.0,       0.0,       1.8);         ( 371154.6, 3757108.5,       0.0,       0.0,       1.8);
( 371034.8, 3757107.5,       0.0,       0.0,       1.8);         ( 371059.6, 3757132.5,       0.0,       0.0,       1.8);
( 371059.4, 3757085.2,       0.0,       0.0,       1.8);         ( 371034.3, 3757060.2,       0.0,       0.0,       1.8);
( 370944.2, 3757060.8,       0.0,       0.0,       1.8);         ( 370854.1, 3757061.2,       0.0,       0.0,       1.8);
( 370764.0, 3757062.0,       0.0,       0.0,       1.8);         ( 370789.2, 3757086.0,       0.0,       0.0,       1.8);
( 370785.8, 3756996.2,       0.0,       0.0,       1.8);         ( 370782.4, 3756906.5,       0.0,       0.0,       1.8);
( 370779.0, 3756816.8,       0.0,       0.0,       1.8);         ( 370754.9, 3756842.8,       0.0,       0.0,       1.8);
( 370847.4, 3756839.2,       0.0,       0.0,       1.8);         ( 370939.9, 3756835.8,       0.0,       0.0,       1.8);
( 371032.4, 3756832.2,       0.0,       0.0,       1.8);         ( 371056.4, 3756808.8,       0.0,       0.0,       1.8);
( 371058.1, 3756781.8,       0.0,       0.0,       1.8);         ( 371033.7, 3756805.2,       0.0,       0.0,       1.8);
( 371146.2, 3756802.8,       0.0,       0.0,       1.8);         ( 371258.7, 3756800.2,       0.0,       0.0,       1.8);
( 371371.2, 3756797.8,       0.0,       0.0,       1.8);         ( 371483.6, 3756795.2,       0.0,       0.0,       1.8);
( 371595.0, 3756793.0,       0.0,       0.0,       1.8);         ( 371706.4, 3756790.5,       0.0,       0.0,       1.8);
( 371817.8, 3756788.0,       0.0,       0.0,       1.8);         ( 371932.1, 3756785.5,       0.0,       0.0,       1.8);
( 372046.4, 3756783.0,       0.0,       0.0,       1.8);         ( 372160.7, 3756780.2,       0.0,       0.0,       1.8);
( 372275.0, 3756777.8,       0.0,       0.0,       1.8);         ( 372384.7, 3756775.5,       0.0,       0.0,       1.8);
( 372494.5, 3756773.0,       0.0,       0.0,       1.8);         ( 372604.2, 3756770.5,       0.0,       0.0,       1.8);
( 372714.0, 3756768.0,       0.0,       0.0,       1.8);         ( 372738.4, 3756741.8,       0.0,       0.0,       1.8);
( 372733.0, 3756646.5,       0.0,       0.0,       1.8);         ( 372819.6, 3756573.8,       0.0,       0.0,       1.8);
( 372843.8, 3756547.8,       0.0,       0.0,       1.8);         ( 372839.4, 3756453.8,       0.0,       0.0,       1.8);
( 372821.2, 3756362.5,       0.0,       0.0,       1.8);         ( 372795.6, 3756342.5,       0.0,       0.0,       1.8);
( 372731.3, 3756327.8,       0.0,       0.0,       1.8);         ( 372707.2, 3756351.8,       0.0,       0.0,       1.8);
( 372928.0, 3756344.0,       0.0,       0.0,       1.8);         ( 372952.1, 3756318.8,       0.0,       0.0,       1.8);
( 372951.2, 3756244.8,       0.0,       0.0,       1.8);         ( 372926.7, 3756270.0,       0.0,       0.0,       1.8);
( 373032.8, 3756268.0,       0.0,       0.0,       1.8);         ( 373138.9, 3756266.2,       0.0,       0.0,       1.8);
( 373245.0, 3756264.2,       0.0,       0.0,       1.8);         ( 373351.1, 3756262.2,       0.0,       0.0,       1.8);
( 373457.2, 3756260.5,       0.0,       0.0,       1.8);         ( 373481.8, 3756235.0,       0.0,       0.0,       1.8);
( 373480.3, 3756122.5,       0.0,       0.0,       1.8);         ( 373478.9, 3756009.8,       0.0,       0.0,       1.8);
( 373477.4, 3755897.2,       0.0,       0.0,       1.8);         ( 373475.9, 3755784.5,       0.0,       0.0,       1.8);
( 373474.5, 3755672.0,       0.0,       0.0,       1.8);         ( 373473.0, 3755559.2,       0.0,       0.0,       1.8);
( 373447.0, 3755534.8,       0.0,       0.0,       1.8);         ( 373334.2, 3755539.2,       0.0,       0.0,       1.8);
( 373221.5, 3755543.8,       0.0,       0.0,       1.8);         ( 373197.5, 3755568.2,       0.0,       0.0,       1.8);
( 373195.9, 3755636.2,       0.0,       0.0,       1.8);         ( 373194.3, 3755704.5,       0.0,       0.0,       1.8);
( 373219.6, 3755680.0,       0.0,       0.0,       1.8);         ( 373134.9, 3755679.0,       0.0,       0.0,       1.8);
( 373159.7, 3755703.5,       0.0,       0.0,       1.8);         ( 373157.9, 3755634.8,       0.0,       0.0,       1.8);
( 373156.2, 3755566.0,       0.0,       0.0,       1.8);         ( 373132.5, 3755541.8,       0.0,       0.0,       1.8);
( 373055.3, 3755537.8,       0.0,       0.0,       1.8);         ( 373079.1, 3755562.2,       0.0,       0.0,       1.8);
( 373077.1, 3755465.0,       0.0,       0.0,       1.8);         ( 373075.2, 3755368.0,       0.0,       0.0,       1.8);
( 373073.2, 3755270.8,       0.0,       0.0,       1.8);         ( 373071.2, 3755173.5,       0.0,       0.0,       1.8);
( 373046.0, 3755149.0,       0.0,       0.0,       1.8);         ( 372939.1, 3755150.0,       0.0,       0.0,       1.8);
( 372832.2, 3755151.0,       0.0,       0.0,       1.8);         ( 372725.2, 3755152.0,       0.0,       0.0,       1.8);
( 372622.8, 3755157.2,       0.0,       0.0,       1.8);         ( 372527.3, 3755158.0,       0.0,       0.0,       1.8);
( 372430.7, 3755159.0,       0.0,       0.0,       1.8);         ( 372334.1, 3755159.8,       0.0,       0.0,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
( 372237.5, 3755160.5,       0.0,       0.0,       1.8);         ( 372138.8, 3755161.2,       0.0,       0.0,       1.8);
( 372040.1, 3755162.2,       0.0,       0.0,       1.8);         ( 371941.5, 3755163.0,       0.0,       0.0,       1.8);
( 371842.8, 3755163.8,       0.0,       0.0,       1.8);         ( 371747.7, 3755164.5,       0.0,       0.0,       1.8);
( 371652.7, 3755165.2,       0.0,       0.0,       1.8);         ( 371557.6, 3755166.2,       0.0,       0.0,       1.8);
( 371462.6, 3755167.0,       0.0,       0.0,       1.8);         ( 371359.2, 3755167.8,       0.0,       0.0,       1.8);
( 371255.7, 3755168.8,       0.0,       0.0,       1.8);         ( 371152.2, 3755169.5,       0.0,       0.0,       1.8);
( 371048.8, 3755170.5,       0.0,       0.0,       1.8);         ( 371024.1, 3755196.5,       0.0,       0.0,       1.8);
( 371027.7, 3755273.2,       0.0,       0.0,       1.8);         ( 371031.3, 3755350.2,       0.0,       0.0,       1.8);
( 371019.9, 3755375.5,       0.0,       0.0,       1.8);         ( 371017.9, 3755470.0,       0.0,       0.0,       1.8);
( 371017.4, 3755556.2,       0.0,       0.0,       1.8);         ( 371040.3, 3755531.5,       0.0,       0.0,       1.8);
( 371026.0, 3755420.2,       0.0,       0.0,       1.8);         ( 371015.6, 3755399.0,       0.0,       0.0,       1.8);
( 370915.8, 3755327.2,       0.0,       0.0,       1.8);         ( 370816.0, 3755255.2,       0.0,       0.0,       1.8);
( 370736.6, 3755243.8,       0.0,       0.0,       1.8);         ( 370669.2, 3755237.0,       0.0,       0.0,       1.8);
( 370571.1, 3755237.2,       0.0,       0.0,       1.8);         ( 370475.6, 3755237.8,       0.0,       0.0,       1.8);
( 370380.1, 3755238.2,       0.0,       0.0,       1.8);         ( 370278.7, 3755239.0,       0.0,       0.0,       1.8);
( 370177.2, 3755239.5,       0.0,       0.0,       1.8);         ( 370075.7, 3755240.0,       0.0,       0.0,       1.8);
( 369979.4, 3755240.5,       0.0,       0.0,       1.8);         ( 369883.1, 3755241.0,       0.0,       0.0,       1.8);
( 369786.8, 3755241.5,       0.0,       0.0,       1.8);         ( 369690.5, 3755242.0,       0.0,       0.0,       1.8);
( 369594.2, 3755242.8,       0.0,       0.0,       1.8);         ( 369497.9, 3755243.2,       0.0,       0.0,       1.8);
( 369396.4, 3755243.8,       0.0,       0.0,       1.8);         ( 369294.9, 3755244.2,       0.0,       0.0,       1.8);
( 369193.4, 3755244.8,       0.0,       0.0,       1.8);         ( 369092.0, 3755245.2,       0.0,       0.0,       1.8);
( 368990.5, 3755246.0,       0.0,       0.0,       1.8);         ( 368889.0, 3755246.5,       0.0,       0.0,       1.8);
( 368782.4, 3755247.0,       0.0,       0.0,       1.8);         ( 368675.8, 3755247.5,       0.0,       0.0,       1.8);
( 368569.1, 3755248.2,       0.0,       0.0,       1.8);         ( 368471.0, 3755248.8,       0.0,       0.0,       1.8);
( 368372.8, 3755249.2,       0.0,       0.0,       1.8);         ( 368274.7, 3755249.8,       0.0,       0.0,       1.8);
( 368166.5, 3755229.8,       0.0,       0.0,       1.8);         ( 368053.7, 3755209.2,       0.0,       0.0,       1.8);
( 367940.9, 3755188.5,       0.0,       0.0,       1.8);         ( 367824.0, 3755184.8,       0.0,       0.0,       1.8);
( 367710.8, 3755181.2,       0.0,       0.0,       1.8);         ( 367597.6, 3755177.5,       0.0,       0.0,       1.8);
( 367484.4, 3755174.0,       0.0,       0.0,       1.8);         ( 367460.7, 3755189.2,       0.0,       0.0,       1.8);
( 367415.0, 3755295.2,       0.0,       0.0,       1.8);         ( 367369.3, 3755401.2,       0.0,       0.0,       1.8);
( 367323.6, 3755507.2,       0.0,       0.0,       1.8);         ( 367483.7, 3755199.0,       0.0,       0.0,       1.8);
( 367300.9, 3755623.2,       0.0,       0.0,       1.8);         ( 367114.3, 3756056.2,       0.0,       0.0,       1.8);
( 366984.5, 3756357.5,       0.0,       0.0,       1.8);         ( 366852.9, 3756663.0,       0.0,       0.0,       1.8);
( 366902.3, 3756692.0,       0.0,       0.0,       1.8);         ( 366875.5, 3756760.0,       0.0,       0.0,       1.8);
( 366812.7, 3756738.5,       0.0,       0.0,       1.8);         ( 366677.2, 3757024.5,       0.0,       0.0,       1.8);
( 366536.2, 3757322.0,       0.0,       0.0,       1.8);         ( 366437.3, 3757530.8,       0.0,       0.0,       1.8);
( 366486.9, 3757537.2,       0.0,       0.0,       1.8);         ( 366623.9, 3757468.0,       0.0,       0.0,       1.8);
( 366644.4, 3757530.8,       0.0,       0.0,       1.8);         ( 366777.1, 3757519.8,       0.0,       0.0,       1.8);
( 366998.6, 3757642.2,       0.0,       0.0,       1.8);         ( 367174.2, 3757739.5,       0.0,       0.0,       1.8);
( 367290.7, 3757694.2,       0.0,       0.0,       1.8);         ( 367412.7, 3757694.8,       0.0,       0.0,       1.8);
( 367409.8, 3757735.8,       0.0,       0.0,       1.8);         ( 367517.8, 3757796.2,       0.0,       0.0,       1.8);
( 367539.2, 3757802.0,       0.0,       0.0,       1.8);         ( 367609.1, 3757676.8,       0.0,       0.0,       1.8);
( 367769.1, 3757644.2,       0.0,       0.0,       1.8);         ( 367774.8, 3757718.5,       0.0,       0.0,       1.8);
( 367809.5, 3757834.5,       0.0,       0.0,       1.8);         ( 367807.1, 3757935.5,       0.0,       0.0,       1.8);
( 367774.9, 3757958.5,       0.0,       0.0,       1.8);         ( 367798.1, 3758011.0,       0.0,       0.0,       1.8);
```


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

```
( 367914.4, 3757961.5,       0.0,       0.0,       1.8);         ( 367904.5, 3757930.2,       0.0,       0.0,       1.8);
( 368108.7, 3757840.2,       0.0,       0.0,       1.8);         ( 368232.8, 3757790.2,       0.0,       0.0,       1.8);
( 368308.9, 3757761.5,       0.0,       0.0,       1.8);         ( 368603.4, 3757765.0,       0.0,       0.0,       1.8);
( 368603.8, 3757718.5,       0.0,       0.0,       1.8);         ( 368769.7, 3757798.5,       0.0,       0.0,       1.8);
( 369017.2, 3757954.2,       0.0,       0.0,       1.8);         ( 369080.3, 3757864.0,       0.0,       0.0,       1.8);
( 369224.0, 3757952.2,       0.0,       0.0,       1.8);         ( 369408.7, 3757730.0,       0.0,       0.0,       1.8);
( 369454.2, 3757776.0,       0.0,       0.0,       1.8);         ( 369265.0, 3757996.5,       0.0,       0.0,       1.8);
( 369451.6, 3758128.0,       0.0,       0.0,       1.8);         ( 369460.0, 3758394.2,       0.0,       0.0,       1.8);
( 369853.1, 3758394.2,       0.0,       0.0,       1.8);         ( 369850.4, 3758078.0,       0.0,       0.0,       1.8);
( 370298.6, 3758078.2,       0.0,       0.0,       1.8);         ( 370297.5, 3757962.8,       0.0,       0.0,       1.8);
( 370382.3, 3757966.0,       0.0,       0.0,       1.8);         ( 370510.1, 3758027.2,       0.0,       0.0,       1.8);
( 370505.6, 3758087.8,       0.0,       0.0,       1.8);         ( 370886.4, 3758089.0,       0.0,       0.0,       1.8);
( 370885.1, 3757750.5,       0.0,       0.0,       1.8);         ( 370907.3, 3757701.5,       0.0,       0.0,       1.8);
( 370944.9, 3757670.0,       0.0,       0.0,       1.8);         ( 371045.8, 3757667.5,       0.0,       0.0,       1.8);
( 371046.3, 3757585.0,       0.0,       0.0,       1.8);         ( 371121.7, 3757583.5,       0.0,       0.0,       1.8);
( 371192.6, 3757720.2,       0.0,       0.0,       1.8);         ( 371254.0, 3757762.2,       0.0,       0.0,       1.8);
( 371263.7, 3757782.5,       0.0,       0.0,       1.8);         ( 371372.3, 3757782.2,       0.0,       0.0,       1.8);
( 371399.4, 3757806.2,       0.0,       0.0,       1.8);         ( 371798.3, 3758080.2,       0.0,       0.0,       1.8);
( 371908.2, 3757933.5,       0.0,       0.0,       1.8);         ( 371964.2, 3757921.8,       0.0,       0.0,       1.8);
( 371970.2, 3757841.5,       0.0,       0.0,       1.8);         ( 372023.3, 3757843.2,       0.0,       0.0,       1.8);
( 372019.9, 3757551.5,       0.0,       0.0,       1.8);         ( 372002.4, 3757140.2,       0.0,       0.0,       1.8);
( 371514.1, 3757136.2,       0.0,       0.0,       1.8);         ( 371034.6, 3757132.5,       0.0,       0.0,       1.8);
( 371034.4, 3757085.2,       0.0,       0.0,       1.8);         ( 370764.2, 3757087.0,       0.0,       0.0,       1.8);
( 370754.0, 3756817.8,       0.0,       0.0,       1.8);         ( 371031.5, 3756807.2,       0.0,       0.0,       1.8);
( 371033.1, 3756780.2,       0.0,       0.0,       1.8);         ( 371483.1, 3756770.2,       0.0,       0.0,       1.8);
( 371817.2, 3756763.0,       0.0,       0.0,       1.8);         ( 372274.4, 3756752.8,       0.0,       0.0,       1.8);
( 372713.4, 3756743.0,       0.0,       0.0,       1.8);         ( 372702.6, 3756552.5,       0.0,       0.0,       1.8);
( 372818.8, 3756548.8,       0.0,       0.0,       1.8);         ( 372814.4, 3756455.0,       0.0,       0.0,       1.8);
( 372796.8, 3756367.5,       0.0,       0.0,       1.8);         ( 372704.8, 3756371.5,       0.0,       0.0,       1.8);
( 372706.3, 3756326.8,       0.0,       0.0,       1.8);         ( 372927.1, 3756319.2,       0.0,       0.0,       1.8);
( 372926.2, 3756245.0,       0.0,       0.0,       1.8);         ( 373456.8, 3756235.5,       0.0,       0.0,       1.8);
( 373448.0, 3755559.8,       0.0,       0.0,       1.8);         ( 373222.5, 3755568.8,       0.0,       0.0,       1.8);
( 373219.3, 3755705.0,       0.0,       0.0,       1.8);         ( 373134.7, 3755704.0,       0.0,       0.0,       1.8);
( 373131.2, 3755566.8,       0.0,       0.0,       1.8);         ( 373054.1, 3755562.8,       0.0,       0.0,       1.8);
( 373046.2, 3755174.0,       0.0,       0.0,       1.8);         ( 372725.5, 3755177.0,       0.0,       0.0,       1.8);
( 372624.1, 3755182.2,       0.0,       0.0,       1.8);         ( 372237.7, 3755185.5,       0.0,       0.0,       1.8);
( 371843.0, 3755188.8,       0.0,       0.0,       1.8);         ( 371462.8, 3755192.0,       0.0,       0.0,       1.8);
( 371049.0, 3755195.5,       0.0,       0.0,       1.8);         ( 371056.3, 3755349.0,       0.0,       0.0,       1.8);
( 371043.4, 3755384.0,       0.0,       0.0,       1.8);         ( 371042.4, 3755556.2,       0.0,       0.0,       1.8);
( 370995.8, 3755560.2,       0.0,       0.0,       1.8);         ( 371001.0, 3755419.2,       0.0,       0.0,       1.8);
( 370801.4, 3755275.5,       0.0,       0.0,       1.8);         ( 370666.7, 3755261.8,       0.0,       0.0,       1.8);
( 370380.3, 3755263.2,       0.0,       0.0,       1.8);         ( 370075.9, 3755265.0,       0.0,       0.0,       1.8);
( 369786.9, 3755266.5,       0.0,       0.0,       1.8);         ( 369498.0, 3755268.2,       0.0,       0.0,       1.8);
( 369193.6, 3755269.8,       0.0,       0.0,       1.8);         ( 368889.2, 3755271.5,       0.0,       0.0,       1.8);
( 368569.3, 3755273.2,       0.0,       0.0,       1.8);         ( 368274.8, 3755274.8,       0.0,       0.0,       1.8);
```

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

```
( 367936.4, 3755213.2,       0.0,       0.0,       1.8);
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 0 0 0 0
AND END DATE: 9999 99 99 24

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

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

```
1.54,   3.09,   5.14,   8.23,  10.80,
```

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

Surface file: C:\Lakes\ISC-AE~1\Projects\LAX\OS_96.SFC Met Version: 06341
Profile file: C:\Lakes\ISC-AE~1\Projects\LAX\OS_96.PFL
Surface format: (3(I2,1X),I3,1X,I2,1X,F6.1,1X,3(F6.3,1X),2(F5.0,1X),F8.1,1X,F6.3,1X,2(F6.2,1X),F7.2,1X,F5.0,3(1X,F6.1))
Profile format: (4(I2,1X),F6.1,1X,I1,1X,F5.0,1X,F7.2,1X,F7.2,1X,F6.1,1X,F7.2)
Surface station no.: 23174 Upper air station no.: 3190
Name: LOS_ANGELES/INT'L_ARPT Name: UNKNOWN
Year: 1996 Year: 1996

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
96	01	01	1	01	-64.0	0.658	-9.000	-9.000	-999.	1228.	400.6	1.00	1.50	1.00	3.10	61.	6.1	291.4	2.0
96	01	01	1	02	-45.5	0.415	-9.000	-9.000	-999.	669.	141.3	1.00	1.50	1.00	2.10	38.	6.1	288.1	2.0
96	01	01	1	03	-27.5	0.248	-9.000	-9.000	-999.	311.	50.0	1.00	1.50	1.00	1.50	34.	6.1	285.4	2.0
96	01	01	1	04	-27.5	0.248	-9.000	-9.000	-999.	284.	50.0	1.00	1.50	1.00	1.50	233.	6.1	285.4	2.0
96	01	01	1	05	-27.5	0.248	-9.000	-9.000	-999.	285.	50.2	1.00	1.50	1.00	1.50	293.	6.1	285.9	2.0
96	01	01	1	06	-45.8	0.415	-9.000	-9.000	-999.	614.	140.2	1.00	1.50	1.00	2.10	162.	6.1	286.4	2.0
96	01	01	1	07	-57.3	0.538	-9.000	-9.000	-999.	907.	245.1	1.00	1.50	1.00	2.60	185.	6.1	285.4	2.0
96	01	01	1	08	-64.0	0.892	-9.000	-9.000	-999.	1936.	1000.6	1.00	1.50	0.68	4.10	183.	6.1	289.2	2.0
96	01	01	1	09	22.5	0.910	0.371	0.005	82.	1995.	-998.0	1.00	1.50	0.47	4.10	237.	6.1	290.4	2.0
96	01	01	1	10	70.3	0.917	1.041	0.005	580.	2019.	-990.8	1.00	1.50	0.40	4.10	181.	6.1	293.8	2.0
96	01	01	1	11	101.2	0.814	1.300	0.005	785.	1707.	-481.9	1.00	1.50	0.38	3.60	234.	6.1	294.9	2.0
96	01	01	1	12	119.0	1.270	1.378	0.007	795.	3284.	-998.0	1.00	1.50	0.37	5.70	236.	6.1	294.9	2.0
96	01	01	1	13	117.5	1.270	1.378	0.007	804.	3290.	-998.0	1.00	1.50	0.37	5.70	243.	6.1	293.8	2.0
96	01	01	1	14	98.4	1.029	1.303	0.005	811.	2494.	-998.1	1.00	1.50	0.38	4.60	249.	6.1	293.8	2.0
96	01	01	1	15	64.2	0.916	1.132	0.005	816.	2051.	-998.0	1.00	1.50	0.41	4.10	252.	6.1	293.8	2.0
96	01	01	1	16	13.6	0.689	0.676	0.005	817.	1381.	-998.0	1.00	1.50	0.49	3.10	254.	6.1	293.1	2.0
96	01	01	1	17	-25.2	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.50	0.72	0.00	0.	6.1	291.4	2.0
96	01	01	1	18	-64.0	0.658	-9.000	-9.000	-999.	1228.	401.4	1.00	1.50	1.00	3.10	237.	6.1	290.4	2.0
96	01	01	1	19	-27.4	0.250	-9.000	-9.000	-999.	505.	51.2	1.00	1.50	1.00	1.50	4.	6.1	288.8	2.0
96	01	01	1	20	-27.3	0.250	-9.000	-9.000	-999.	294.	51.6	1.00	1.50	1.00	1.50	67.	6.1	289.9	2.0
96	01	01	1	21	-27.4	0.250	-9.000	-9.000	-999.	287.	51.2	1.00	1.50	1.00	1.50	30.	6.1	288.8	2.0
96	01	01	1	22	-27.2	0.251	-9.000	-9.000	-999.	290.	52.8	1.00	1.50	1.00	1.50	52.	6.1	288.8	2.0
96	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.50	1.00	0.00	0.	6.1	288.1	2.0
96	01	01	1	24	-59.6	0.536	-9.000	-9.000	-999.	904.	233.4	1.00	1.50	1.00	2.60	90.	6.1	286.4	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
96	01	01	01	6.1	1	61.	3.10	291.5	99.0	-99.00	-99.00

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

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.16516	372498.53	3757611.75	0.14358
372248.53	3757861.75	0.14056	372498.53	3757861.75	0.12997
372248.53	3758111.75	0.11128	372498.53	3758111.75	0.10940
372248.53	3758361.75	0.08445	372498.53	3758361.75	0.08763
373792.78	3755334.75	0.00970	374092.78	3755334.75	0.00900
373792.78	3755709.75	0.01255	374092.78	3755709.75	0.01167
373792.78	3756084.75	0.01834	374092.78	3756084.75	0.01672
373792.78	3756459.75	0.02813	374092.78	3756459.75	0.02482
373792.78	3756834.75	0.04155	374092.78	3756834.75	0.03568
373792.78	3757209.75	0.05603	374092.78	3757209.75	0.04757
373792.78	3757584.75	0.06740	374092.78	3757584.75	0.05760
373792.78	3757959.75	0.07215	374092.78	3757959.75	0.06305
373792.78	3758334.75	0.06958	374092.78	3758334.75	0.06284
373792.78	3758709.75	0.06167	374092.78	3758709.75	0.05787
370479.03	3756653.75	2.98829	367277.91	3755613.50	0.04131
367231.25	3755721.75	0.04267	367184.62	3755830.00	0.04374
367137.97	3755938.25	0.04449	367091.34	3756046.50	0.04491
367048.09	3756146.75	0.04499	367004.81	3756247.25	0.04479
366961.56	3756347.50	0.04432	366917.69	3756449.50	0.04358
366873.81	3756551.25	0.04261	366829.94	3756653.00	0.04144
366840.22	3756684.50	0.04143	366889.59	3756713.50	0.04205
366879.00	3756682.75	0.04207	366852.25	3756751.00	0.04118
366883.62	3756736.50	0.04179	366820.78	3756715.00	0.04093
366790.12	3756728.00	0.04037	366744.97	3756823.25	0.03900
366699.81	3756918.50	0.03756	366654.66	3757013.75	0.03608
366607.66	3757113.00	0.03451	366560.62	3757212.00	0.03294
366513.62	3757311.25	0.03139	366464.16	3757415.75	0.02980
366414.69	3757520.00	0.02826	366434.03	3757555.50	0.02802
366483.69	3757562.00	0.02832	366566.69	3757525.00	0.02939
366620.62	3757538.50	0.02966	366646.41	3757555.50	0.02966
366712.75	3757550.25	0.03026	366779.09	3757544.75	0.03089
366838.81	3757582.50	0.03087	366912.62	3757623.25	0.03089
366986.47	3757664.25	0.03087	367074.31	3757712.75	0.03080
367162.16	3757761.25	0.03068	367299.75	3757717.75	0.03252
367384.88	3757734.00	0.03292	367397.59	3757757.50	0.03257
367505.56	3757818.00	0.03225	367532.81	3757826.00	0.03230
367561.06	3757814.00	0.03276	367596.03	3757751.50	0.03433
367630.97	3757689.00	0.03601	367694.09	3757685.00	0.03670
367749.88	3757720.50	0.03639	367785.50	3757841.75	0.03391
367782.09	3757935.00	0.03190	367752.06	3757968.50	0.03102

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.03014	367807.91	3758034.00	0.03009
367866.06	3758009.25	0.03092	367924.19	3757984.50	0.03179
367938.25	3757954.00	0.03253	367928.38	3757922.75	0.03316
367914.62	3757953.25	0.03239	368016.69	3757908.25	0.03411
368118.78	3757863.25	0.03599	368180.06	3757838.50	0.03713
368242.09	3757813.50	0.03835	368317.75	3757784.75	0.03988
368406.72	3757787.75	0.04057	368504.88	3757788.75	0.04136
368603.06	3757790.00	0.04209	368628.38	3757765.25	0.04323
368675.91	3757781.00	0.04297	368758.84	3757821.00	0.04189
368838.88	3757871.50	0.04016	368921.38	3757923.50	0.03816
369003.84	3757975.50	0.03596	369037.66	3757968.75	0.03611
369100.78	3757878.25	0.03976	369067.19	3757885.25	0.03956
369139.03	3757929.50	0.03726	369210.91	3757973.75	0.03486
369243.25	3757968.25	0.03482	369304.81	3757894.25	0.03758
369366.38	3757820.00	0.04073	369436.44	3757793.50	0.04134
369435.25	3757759.75	0.04337	369250.56	3758016.75	0.03279
369343.91	3758082.50	0.02954	369437.25	3758148.25	0.02673
369429.41	3758217.50	0.02493	369432.19	3758306.25	0.02285
369434.97	3758395.00	0.02109	369459.97	3758419.25	0.02059
369558.25	3758419.25	0.02046	369656.53	3758419.25	0.02052
369754.81	3758419.25	0.02077	369853.09	3758419.25	0.02120
369878.09	3758394.00	0.02172	369877.19	3758288.75	0.02347
369876.31	3758183.25	0.02551	369962.47	3758103.00	0.02791
370074.53	3758103.00	0.02892	370186.59	3758103.00	0.03000
370298.62	3758103.25	0.03109	370323.62	3758078.00	0.03208
370381.38	3757991.00	0.03564	370435.41	3758019.25	0.03534
370499.31	3758049.75	0.03514	370485.19	3758025.25	0.03583
370480.69	3758086.00	0.03362	370505.53	3758112.75	0.03307
370600.72	3758113.25	0.03444	370695.94	3758113.50	0.03628
370791.12	3758113.75	0.03877	370886.34	3758114.00	0.04211
370911.41	3758089.00	0.04471	370910.97	3757976.00	0.05319
370910.53	3757863.25	0.06495	370910.06	3757750.50	0.08190
370930.06	3757711.75	0.09250	370960.91	3757689.25	0.10282
371046.47	3757692.50	0.11681	371070.81	3757667.50	0.12889
371071.34	3757585.25	0.15972	371046.88	3757610.00	0.14450
371122.22	3757608.50	0.16039	371099.47	3757595.00	0.16148
371134.94	3757663.25	0.14197	371170.41	3757731.75	0.12581
371239.88	3757782.75	0.12148	371263.72	3757807.50	0.11811
371372.38	3757807.25	0.13110	371385.28	3757826.75	0.12737
371485.00	3757895.25	0.12042	371584.72	3757963.75	0.11375

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.10745	371784.16	3758100.75	0.10155
371818.31	3758095.25	0.10400	371873.25	3758021.75	0.11795
371928.19	3757948.50	0.13165	371969.34	3757946.25	0.13256
371989.16	3757923.75	0.13637	371995.12	3757843.25	0.14958
371969.38	3757866.50	0.14590	372022.50	3757868.25	0.14519
372048.31	3757843.00	0.14874	372047.16	3757745.75	0.16359
372046.03	3757648.50	0.17764	372044.88	3757551.25	0.18997
372040.50	3757447.75	0.20045	372036.12	3757345.00	0.20672
372031.75	3757242.00	0.20779	372027.38	3757139.25	0.20294
372002.59	3757115.25	0.20585	371880.53	3757114.25	0.23368
371758.47	3757113.25	0.26654	371636.38	3757112.25	0.30518
371514.31	3757111.25	0.35034	371394.41	3757110.25	0.40118
371274.53	3757109.50	0.45693	371154.62	3757108.50	0.51331
371034.75	3757107.50	0.56084	371059.56	3757132.50	0.52548
371059.44	3757085.25	0.57620	371034.31	3757060.25	0.61498
370944.22	3757060.75	0.65452	370854.12	3757061.25	0.66756
370764.03	3757062.00	0.63513	370789.16	3757086.00	0.58870
370785.78	3756996.25	0.83474	370782.38	3756906.50	1.10377
370778.97	3756816.75	1.27616	370754.94	3756842.75	1.31299
370847.44	3756839.25	1.07574	370939.91	3756835.75	0.86996
371032.41	3756832.25	0.70614	371056.41	3756808.75	0.65341
371058.09	3756781.75	0.62562	371033.69	3756805.25	0.68427
371146.19	3756802.75	0.53558	371258.66	3756800.25	0.42879
371371.16	3756797.75	0.35038	371483.62	3756795.25	0.29131
371595.03	3756793.00	0.24634	371706.41	3756790.50	0.21099
371817.78	3756788.00	0.18280	371932.09	3756785.50	0.15939
372046.38	3756783.00	0.14026	372160.66	3756780.25	0.12437
372274.97	3756777.75	0.11111	372384.72	3756775.50	0.10034
372494.47	3756773.00	0.09106	372604.22	3756770.50	0.08304
372713.97	3756768.00	0.07606	372738.38	3756741.75	0.07219
372732.97	3756646.50	0.06358	372819.62	3756573.75	0.05402
372843.78	3756547.75	0.05122	372839.41	3756453.75	0.04458
372821.25	3756362.50	0.03904	372795.62	3756342.50	0.03831
372731.31	3756327.75	0.03863	372707.19	3756351.75	0.04068
372927.97	3756344.00	0.03599	372952.09	3756318.75	0.03425
372951.22	3756244.75	0.03066	372926.66	3756270.00	0.03219
373032.78	3756268.00	0.03064	373138.88	3756266.25	0.02921
373245.00	3756264.25	0.02787	373351.12	3756262.25	0.02662
373457.25	3756260.50	0.02546	373481.81	3756235.00	0.02442
373480.34	3756122.50	0.02124	373478.88	3756009.75	0.01856

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.01636	373475.94	3755784.50	0.01458
373474.47	3755672.00	0.01317	373473.00	3755559.25	0.01208
373447.00	3755534.75	0.01196	373334.22	3755539.25	0.01238
373221.47	3755543.75	0.01282	373197.47	3755568.25	0.01313
373195.91	3755636.25	0.01381	373194.34	3755704.50	0.01461
373219.59	3755680.00	0.01421	373134.91	3755679.00	0.01454
373159.66	3755703.50	0.01474	373157.94	3755634.75	0.01394
373156.22	3755566.00	0.01327	373132.47	3755541.75	0.01315
373055.34	3755537.75	0.01344	373079.06	3755562.25	0.01355
373077.12	3755465.00	0.01279	373075.16	3755368.00	0.01222
373073.19	3755270.75	0.01178	373071.22	3755173.50	0.01146
373046.00	3755149.00	0.01150	372939.09	3755150.00	0.01203
372832.16	3755151.00	0.01261	372725.25	3755152.00	0.01325
372622.81	3755157.25	0.01395	372527.31	3755158.00	0.01465
372430.69	3755159.00	0.01543	372334.09	3755159.75	0.01628
372237.47	3755160.50	0.01720	372138.81	3755161.25	0.01822
372040.12	3755162.25	0.01931	371941.47	3755163.00	0.02045
371842.78	3755163.75	0.02162	371747.72	3755164.50	0.02276
371652.69	3755165.25	0.02389	371557.62	3755166.25	0.02498
371462.59	3755167.00	0.02601	371359.16	3755167.75	0.02703
371255.72	3755168.75	0.02797	371152.25	3755169.50	0.02883
371048.81	3755170.50	0.02965	371024.06	3755196.50	0.03043
371027.69	3755273.25	0.03222	371031.34	3755350.25	0.03416
371019.94	3755375.50	0.03497	371017.91	3755470.00	0.03779
371017.38	3755556.25	0.04061	371040.31	3755531.50	0.03937
371025.97	3755420.25	0.03617	371015.62	3755399.00	0.03569
370915.81	3755327.25	0.03475	370816.03	3755255.25	0.03373
370736.56	3755243.75	0.03419	370669.19	3755237.00	0.03467
370571.06	3755237.25	0.03568	370475.62	3755237.75	0.03661
370380.12	3755238.25	0.03739	370278.66	3755239.00	0.03794
370177.19	3755239.50	0.03812	370075.72	3755240.00	0.03795
369979.41	3755240.50	0.03759	369883.09	3755241.00	0.03713
369786.78	3755241.50	0.03671	369690.47	3755242.00	0.03640
369594.16	3755242.75	0.03624	369497.88	3755243.25	0.03620
369396.38	3755243.75	0.03624	369294.91	3755244.25	0.03630
369193.44	3755244.75	0.03633	369091.97	3755245.25	0.03636
368990.50	3755246.00	0.03644	368889.03	3755246.50	0.03659
368782.41	3755247.00	0.03683	368675.78	3755247.50	0.03713
368569.12	3755248.25	0.03743	368471.00	3755248.75	0.03764
368372.84	3755249.25	0.03779	368274.69	3755249.75	0.03786

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.03715	368053.72	3755209.25	0.03638
367940.91	3755188.50	0.03558	367824.03	3755184.75	0.03521
367710.84	3755181.25	0.03477	367597.62	3755177.50	0.03426
367484.44	3755174.00	0.03371	367460.69	3755189.25	0.03394
367415.00	3755295.25	0.03600	367369.31	3755401.25	0.03794
367323.59	3755507.25	0.03972	367483.66	3755199.00	0.03426
367300.88	3755623.25	0.04177	367114.28	3756056.25	0.04540
366984.53	3756357.50	0.04474	366852.91	3756663.00	0.04176
366902.28	3756692.00	0.04240	366875.53	3756760.00	0.04148
366812.69	3756738.50	0.04065	366677.25	3757024.50	0.03625
366536.22	3757322.00	0.03149	366437.28	3757530.75	0.02832
366486.94	3757537.25	0.02862	366623.91	3757468.00	0.03056
366644.38	3757530.75	0.02995	366777.06	3757519.75	0.03122
366998.56	3757642.25	0.03131	367174.25	3757739.50	0.03114
367290.72	3757694.25	0.03287	367412.66	3757694.75	0.03391
367409.81	3757735.75	0.03309	367517.78	3757796.25	0.03277
367539.25	3757802.00	0.03283	367609.12	3757676.75	0.03608
367769.06	3757644.25	0.03844	367774.81	3757718.50	0.03667
367809.47	3757834.50	0.03426	367807.06	3757935.50	0.03205
367774.94	3757958.50	0.03137	367798.12	3758011.00	0.03048
367914.41	3757961.50	0.03222	367904.53	3757930.25	0.03283
368108.69	3757840.25	0.03651	368232.75	3757790.25	0.03895
368308.88	3757761.50	0.04053	368603.38	3757765.00	0.04303
368603.84	3757718.50	0.04485	368769.72	3757798.50	0.04287
369017.16	3757954.25	0.03676	369080.28	3757864.00	0.04050
369224.00	3757952.25	0.03567	369408.72	3757730.00	0.04561
369454.22	3757776.00	0.04212	369264.97	3757996.50	0.03346
369451.62	3758128.00	0.02721	369459.97	3758394.25	0.02103
369853.09	3758394.25	0.02158	369850.44	3758078.00	0.02776
370298.62	3758078.25	0.03181	370297.53	3757962.75	0.03560
370382.34	3757966.00	0.03659	370510.12	3758027.25	0.03614
370505.62	3758087.75	0.03390	370886.41	3758089.00	0.04359
370885.06	3757750.50	0.07868	370907.31	3757701.50	0.09123
370944.91	3757670.00	0.10501	371045.81	3757667.50	0.12426
371046.34	3757585.00	0.15437	371121.66	3757583.50	0.17092
371192.59	3757720.25	0.13271	371253.97	3757762.25	0.12908
371263.66	3757782.50	0.12472	371372.34	3757782.25	0.13798
371399.44	3757806.25	0.13425	371798.31	3758080.25	0.10544
371908.19	3757933.50	0.13390	371964.22	3757921.75	0.13657
371970.19	3757841.50	0.15015	372023.31	3757843.25	0.14916

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.19245	372002.41	3757140.25	0.20816
371514.12	3757136.25	0.34851	371034.56	3757132.50	0.53107
371034.44	3757085.25	0.58691	370764.19	3757087.00	0.56990
370754.00	3756817.75	1.35502	371031.47	3756807.25	0.68942
371033.12	3756780.25	0.66058	371483.09	3756770.25	0.27890
371817.25	3756763.00	0.17545	372274.41	3756752.75	0.10715
372713.41	3756743.00	0.07365	372702.62	3756552.50	0.05639
372818.81	3756548.75	0.05209	372814.44	3756455.00	0.04529
372796.75	3756367.50	0.03985	372704.81	3756371.50	0.04208
372706.31	3756326.75	0.03905	372927.09	3756319.25	0.03468
372926.22	3756245.00	0.03100	373456.81	3756235.50	0.02467
373448.00	3755559.75	0.01216	373222.47	3755568.75	0.01304
373219.34	3755705.00	0.01452	373134.66	3755704.00	0.01486
373131.22	3755566.75	0.01337	373054.09	3755562.75	0.01366
373046.22	3755174.00	0.01157	372725.47	3755177.00	0.01331
372624.12	3755182.25	0.01399	372237.69	3755185.50	0.01727
371843.00	3755188.75	0.02177	371462.81	3755192.00	0.02635
371049.03	3755195.50	0.03020	371056.31	3755349.00	0.03385
371043.41	3755384.00	0.03493	371042.38	3755556.25	0.04014
370995.81	3755560.25	0.04116	371001.00	3755419.25	0.03647
370801.41	3755275.50	0.03445	370666.66	3755261.75	0.03544
370380.28	3755263.25	0.03826	370075.88	3755265.00	0.03882
369786.91	3755266.50	0.03753	369498.00	3755268.25	0.03703
369193.59	3755269.75	0.03717	368889.16	3755271.50	0.03748
368569.28	3755273.25	0.03837	368274.84	3755274.75	0.03875
367936.44	3755213.25	0.03629			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.21161	372498.53	3757611.75	0.18050
372248.53	3757861.75	0.18237	372498.53	3757861.75	0.16456
372248.53	3758111.75	0.14688	372498.53	3758111.75	0.14014
372248.53	3758361.75	0.11372	372498.53	3758361.75	0.11395
373792.78	3755334.75	0.01531	374092.78	3755334.75	0.01388
373792.78	3755709.75	0.01870	374092.78	3755709.75	0.01699
373792.78	3756084.75	0.02534	374092.78	3756084.75	0.02272
373792.78	3756459.75	0.03649	374092.78	3756459.75	0.03189
373792.78	3756834.75	0.05172	374092.78	3756834.75	0.04414
373792.78	3757209.75	0.06805	374092.78	3757209.75	0.05746
373792.78	3757584.75	0.08077	374092.78	3757584.75	0.06862
373792.78	3757959.75	0.08599	374092.78	3757959.75	0.07460
373792.78	3758334.75	0.08294	374092.78	3758334.75	0.07423
373792.78	3758709.75	0.07383	374092.78	3758709.75	0.06850
370479.03	3756653.75	5.61703	367277.91	3755613.50	0.06442
367231.25	3755721.75	0.06593	367184.62	3755830.00	0.06702
367137.97	3755938.25	0.06767	367091.34	3756046.50	0.06789
367048.09	3756146.75	0.06769	367004.81	3756247.25	0.06714
366961.56	3756347.50	0.06625	366917.69	3756449.50	0.06502
366873.81	3756551.25	0.06352	366829.94	3756653.00	0.06178
366840.22	3756684.50	0.06187	366889.59	3756713.50	0.06307
366879.00	3756682.75	0.06299	366852.25	3756751.00	0.06169
366883.62	3756736.50	0.06271	366820.78	3756715.00	0.06110
366790.12	3756728.00	0.06016	366744.97	3756823.25	0.05814
366699.81	3756918.50	0.05602	366654.66	3757013.75	0.05383
366607.66	3757113.00	0.05151	366560.62	3757212.00	0.04917
366513.62	3757311.25	0.04685	366464.16	3757415.75	0.04444
366414.69	3757520.00	0.04209	366434.03	3757555.50	0.04180
366483.69	3757562.00	0.04238	366566.69	3757525.00	0.04421
366620.62	3757538.50	0.04478	366646.41	3757555.50	0.04486
366712.75	3757550.25	0.04598	366779.09	3757544.75	0.04715
366838.81	3757582.50	0.04733	366912.62	3757623.25	0.04762
366986.47	3757664.25	0.04784	367074.31	3757712.75	0.04803
367162.16	3757761.25	0.04812	367299.75	3757717.75	0.05158
367384.88	3757734.00	0.05255	367397.59	3757757.50	0.05203
367505.56	3757818.00	0.05186	367532.81	3757826.00	0.05204
367561.06	3757814.00	0.05291	367596.03	3757751.50	0.05574
367630.97	3757689.00	0.05877	367694.09	3757685.00	0.06024
367749.88	3757720.50	0.05994	367785.50	3757841.75	0.05571
367782.09	3757935.00	0.05213	367752.06	3757968.50	0.05050

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.04901	367807.91	3758034.00	0.04900
367866.06	3758009.25	0.05064	367924.19	3757984.50	0.05237
367938.25	3757954.00	0.05376	367928.38	3757922.75	0.05485
367914.62	3757953.25	0.05343	368016.69	3757908.25	0.05688
368118.78	3757863.25	0.06070	368180.06	3757838.50	0.06307
368242.09	3757813.50	0.06562	368317.75	3757784.75	0.06885
368406.72	3757787.75	0.07060	368504.88	3757788.75	0.07267
368603.06	3757790.00	0.07469	368628.38	3757765.25	0.07709
368675.91	3757781.00	0.07692	368758.84	3757821.00	0.07542
368838.88	3757871.50	0.07273	368921.38	3757923.50	0.06961
369003.84	3757975.50	0.06617	369037.66	3757968.75	0.06680
369100.78	3757878.25	0.07465	369067.19	3757885.25	0.07384
369139.03	3757929.50	0.07021	369210.91	3757973.75	0.06643
369243.25	3757968.25	0.06678	369304.81	3757894.25	0.07316
369366.38	3757820.00	0.08061	369436.44	3757793.50	0.08329
369435.25	3757759.75	0.08749	369250.56	3758016.75	0.06287
369343.91	3758082.50	0.05761	369437.25	3758148.25	0.05294
369429.41	3758217.50	0.04910	369432.19	3758306.25	0.04477
369434.97	3758395.00	0.04106	369459.97	3758419.25	0.04014
369558.25	3758419.25	0.04029	369656.53	3758419.25	0.04070
369754.81	3758419.25	0.04138	369853.09	3758419.25	0.04228
369878.09	3758394.00	0.04347	369877.19	3758288.75	0.04772
369876.31	3758183.25	0.05273	369962.47	3758103.00	0.05844
370074.53	3758103.00	0.06036	370186.59	3758103.00	0.06231
370298.62	3758103.25	0.06406	370323.62	3758078.00	0.06623
370381.38	3757991.00	0.07413	370435.41	3758019.25	0.07266
370499.31	3758049.75	0.07128	370485.19	3758025.25	0.07309
370480.69	3758086.00	0.06803	370505.53	3758112.75	0.06642
370600.72	3758113.25	0.06826	370695.94	3758113.50	0.07093
370791.12	3758113.75	0.07470	370886.34	3758114.00	0.07971
370911.41	3758089.00	0.08434	370910.97	3757976.00	0.10110
370910.53	3757863.25	0.12401	370910.06	3757750.50	0.15632
370930.06	3757711.75	0.17460	370960.91	3757689.25	0.19073
371046.47	3757692.50	0.20741	371070.81	3757667.50	0.22506
371071.34	3757585.25	0.27437	371046.88	3757610.00	0.25284
371122.22	3757608.50	0.26959	371099.47	3757595.00	0.27384
371134.94	3757663.25	0.23975	371170.41	3757731.75	0.21146
371239.88	3757782.75	0.19954	371263.72	3757807.50	0.19280
371372.38	3757807.25	0.20487	371385.28	3757826.75	0.19872
371485.00	3757895.25	0.18341	371584.72	3757963.75	0.16962

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.15722	371784.16	3758100.75	0.14606
371818.31	3758095.25	0.14827	371873.25	3758021.75	0.16471
371928.19	3757948.50	0.18039	371969.34	3757946.25	0.18024
371989.16	3757923.75	0.18438	371995.12	3757843.25	0.20054
371969.38	3757866.50	0.19685	372022.50	3757868.25	0.19425
372048.31	3757843.00	0.19780	372047.16	3757745.75	0.21593
372046.03	3757648.50	0.23292	372044.88	3757551.25	0.24765
372040.50	3757447.75	0.26009	372036.12	3757345.00	0.26733
372031.75	3757242.00	0.26822	372027.38	3757139.25	0.26202
372002.59	3757115.25	0.26628	371880.53	3757114.25	0.30481
371758.47	3757113.25	0.35113	371636.38	3757112.25	0.40697
371514.31	3757111.25	0.47419	371394.41	3757110.25	0.55301
371274.53	3757109.50	0.64507	371154.62	3757108.50	0.74849
371034.75	3757107.50	0.85467	371059.56	3757132.50	0.79870
371059.44	3757085.25	0.86307	371034.31	3757060.25	0.92306
370944.22	3757060.75	1.02392	370854.12	3757061.25	1.10434
370764.03	3757062.00	1.13381	370789.16	3757086.00	1.04006
370785.78	3756996.25	1.40562	370782.38	3756906.50	1.76831
370778.97	3756816.75	1.95451	370754.94	3756842.75	2.06850
370847.44	3756839.25	1.60866	370939.91	3756835.75	1.26128
371032.41	3756832.25	1.00338	371056.41	3756808.75	0.92294
371058.09	3756781.75	0.88258	371033.69	3756805.25	0.96954
371146.19	3756802.75	0.74790	371258.66	3756800.25	0.59215
371371.16	3756797.75	0.47940	371483.62	3756795.25	0.39556
371595.03	3756793.00	0.33235	371706.41	3756790.50	0.28297
371817.78	3756788.00	0.24379	371932.09	3756785.50	0.21147
372046.38	3756783.00	0.18519	372160.66	3756780.25	0.16348
372274.97	3756777.75	0.14543	372384.72	3756775.50	0.13082
372494.47	3756773.00	0.11829	372604.22	3756770.50	0.10749
372713.97	3756768.00	0.09812	372738.38	3756741.75	0.09336
372732.97	3756646.50	0.08335	372819.62	3756573.75	0.07142
372843.78	3756547.75	0.06796	372839.41	3756453.75	0.06024
372821.25	3756362.50	0.05390	372795.62	3756342.50	0.05324
372731.31	3756327.75	0.05412	372707.19	3756351.75	0.05673
372927.97	3756344.00	0.04957	372952.09	3756318.75	0.04738
372951.22	3756244.75	0.04319	372926.66	3756270.00	0.04514
373032.78	3756268.00	0.04267	373138.88	3756266.25	0.04042
373245.00	3756264.25	0.03833	373351.12	3756262.25	0.03641
373457.25	3756260.50	0.03463	373481.81	3756235.00	0.03334
373480.34	3756122.50	0.02969	373478.88	3756009.75	0.02660

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.02406	373475.94	3755784.50	0.02199
373474.47	3755672.00	0.02034	373473.00	3755559.25	0.01902
373447.00	3755534.75	0.01895	373334.22	3755539.25	0.01981
373221.47	3755543.75	0.02074	373197.47	3755568.25	0.02121
373195.91	3755636.25	0.02206	373194.34	3755704.50	0.02305
373219.59	3755680.00	0.02246	373134.91	3755679.00	0.02320
373159.66	3755703.50	0.02335	373157.94	3755634.75	0.02237
373156.22	3755566.00	0.02154	373132.47	3755541.75	0.02148
373055.34	3755537.75	0.02213	373079.06	3755562.25	0.02218
373077.12	3755465.00	0.02121	373075.16	3755368.00	0.02045
373073.19	3755270.75	0.01984	373071.22	3755173.50	0.01936
373046.00	3755149.00	0.01949	372939.09	3755150.00	0.02053
372832.16	3755151.00	0.02168	372725.25	3755152.00	0.02295
372622.81	3755157.25	0.02432	372527.31	3755158.00	0.02571
372430.69	3755159.00	0.02724	372334.09	3755159.75	0.02892
372237.47	3755160.50	0.03075	372138.81	3755161.25	0.03278
372040.12	3755162.25	0.03498	371941.47	3755163.00	0.03734
371842.78	3755163.75	0.03984	371747.72	3755164.50	0.04235
371652.69	3755165.25	0.04493	371557.62	3755166.25	0.04753
371462.59	3755167.00	0.05009	371359.16	3755167.75	0.05275
371255.72	3755168.75	0.05522	371152.25	3755169.50	0.05742
371048.81	3755170.50	0.05935	371024.06	3755196.50	0.06123
371027.69	3755273.25	0.06577	371031.34	3755350.25	0.07074
371019.94	3755375.50	0.07283	371017.91	3755470.00	0.08004
371017.38	3755556.25	0.08722	371040.31	3755531.50	0.08399
371025.97	3755420.25	0.07591	371015.62	3755399.00	0.07467
370915.81	3755327.25	0.07190	370816.03	3755255.25	0.06840
370736.56	3755243.75	0.06874	370669.19	3755237.00	0.06921
370571.06	3755237.25	0.07066	370475.62	3755237.75	0.07212
370380.12	3755238.25	0.07351	370278.66	3755239.00	0.07479
370177.19	3755239.50	0.07565	370075.72	3755240.00	0.07605
369979.41	3755240.50	0.07606	369883.09	3755241.00	0.07584
369786.78	3755241.50	0.07555	369690.47	3755242.00	0.07534
369594.16	3755242.75	0.07529	369497.88	3755243.25	0.07538
369396.38	3755243.75	0.07554	369294.91	3755244.25	0.07561
369193.44	3755244.75	0.07548	369091.97	3755245.25	0.07514
368990.50	3755246.00	0.07465	368889.03	3755246.50	0.07405
368782.41	3755247.00	0.07336	368675.78	3755247.50	0.07262
368569.12	3755248.25	0.07182	368471.00	3755248.75	0.07099
368372.84	3755249.25	0.07005	368274.69	3755249.75	0.06900

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.06656	368053.72	3755209.25	0.06409
367940.91	3755188.50	0.06168	367824.03	3755184.75	0.06003
367710.84	3755181.25	0.05839	367597.62	3755177.50	0.05672
367484.44	3755174.00	0.05505	367460.69	3755189.25	0.05522
367415.00	3755295.25	0.05792	367369.31	3755401.25	0.06039
367323.59	3755507.25	0.06257	367483.66	3755199.00	0.05587
367300.88	3755623.25	0.06526	367114.28	3756056.25	0.06874
366984.53	3756357.50	0.06700	366852.91	3756663.00	0.06237
366902.28	3756692.00	0.06361	366875.53	3756760.00	0.06227
366812.69	3756738.50	0.06069	366677.25	3757024.50	0.05420
366536.22	3757322.00	0.04707	366437.28	3757530.75	0.04224
366486.94	3757537.25	0.04283	366623.91	3757468.00	0.04610
366644.38	3757530.75	0.04528	366777.06	3757519.75	0.04763
366998.56	3757642.25	0.04857	367174.25	3757739.50	0.04890
367290.72	3757694.25	0.05213	367412.66	3757694.75	0.05431
367409.81	3757735.75	0.05293	367517.78	3757796.25	0.05279
367539.25	3757802.00	0.05296	367609.12	3757676.75	0.05879
367769.06	3757644.25	0.06363	367774.81	3757718.50	0.06054
367809.47	3757834.50	0.05641	367807.06	3757935.50	0.05249
367774.94	3757958.50	0.05118	367798.12	3758011.00	0.04966
367914.41	3757961.50	0.05311	367904.53	3757930.25	0.05418
368108.69	3757840.25	0.06163	368232.75	3757790.25	0.06671
368308.88	3757761.50	0.07005	368603.38	3757765.00	0.07655
368603.84	3757718.50	0.08014	368769.72	3757798.50	0.07742
369017.16	3757954.25	0.06785	369080.28	3757864.00	0.07584
369224.00	3757952.25	0.06818	369408.72	3757730.00	0.09155
369454.22	3757776.00	0.08531	369264.97	3757996.50	0.06439
369451.62	3758128.00	0.05411	369459.97	3758394.25	0.04108
369853.09	3758394.25	0.04320	369850.44	3758078.00	0.05835
370298.62	3758078.25	0.06583	370297.53	3757962.75	0.07506
370382.34	3757966.00	0.07639	370510.12	3758027.25	0.07343
370505.62	3758087.75	0.06833	370886.41	3758089.00	0.08269
370885.06	3757750.50	0.15180	370907.31	3757701.50	0.17398
370944.91	3757670.00	0.19601	371045.81	3757667.50	0.21983
371046.34	3757585.00	0.26884	371121.66	3757583.50	0.28582
371192.59	3757720.25	0.22031	371253.97	3757762.25	0.21000
371263.66	3757782.50	0.20275	371372.34	3757782.25	0.21470
371399.44	3757806.25	0.20766	371798.31	3758080.25	0.15076
371908.19	3757933.50	0.18389	371964.22	3757921.75	0.18541
371970.19	3757841.50	0.20210	372023.31	3757843.25	0.19911

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.25159	372002.41	3757140.25	0.26918
371514.12	3757136.25	0.47264	371034.56	3757132.50	0.81614
371034.44	3757085.25	0.88800	370764.19	3757087.00	1.03148
370754.00	3756817.75	2.10712	371031.47	3756807.25	0.97732
371033.12	3756780.25	0.93486	371483.09	3756770.25	0.37983
371817.25	3756763.00	0.23481	372274.41	3756752.75	0.14073
372713.41	3756743.00	0.09532	372702.62	3756552.50	0.07522
372818.81	3756548.75	0.06918	372814.44	3756455.00	0.06127
372796.75	3756367.50	0.05503	372704.81	3756371.50	0.05840
372706.31	3756326.75	0.05482	372927.09	3756319.25	0.04804
372926.22	3756245.00	0.04375	373456.81	3756235.50	0.03373
373448.00	3755559.75	0.01920	373222.47	3755568.75	0.02101
373219.34	3755705.00	0.02284	373134.66	3755704.00	0.02359
373131.22	3755566.75	0.02176	373054.09	3755562.75	0.02242
373046.22	3755174.00	0.01960	372725.47	3755177.00	0.02307
372624.12	3755182.25	0.02442	372237.69	3755185.50	0.03091
371843.00	3755188.75	0.04019	371462.81	3755192.00	0.05086
371049.03	3755195.50	0.06073	371056.31	3755349.00	0.06995
371043.41	3755384.00	0.07272	371042.38	3755556.25	0.08591
370995.81	3755560.25	0.08869	371001.00	3755419.25	0.07667
370801.41	3755275.50	0.07012	370666.66	3755261.75	0.07114
370380.28	3755263.25	0.07562	370075.88	3755265.00	0.07826
369786.91	3755266.50	0.07770	369498.00	3755268.25	0.07753
369193.59	3755269.75	0.07755	368889.16	3755271.50	0.07599
368569.28	3755273.25	0.07362	368274.84	3755274.75	0.07054
367936.44	3755213.25	0.06279			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.71284	372498.53	3757611.75	0.61774
372248.53	3757861.75	0.59170	372498.53	3757861.75	0.54120
372248.53	3758111.75	0.46835	372498.53	3758111.75	0.44910
372248.53	3758361.75	0.36391	372498.53	3758361.75	0.36167
373792.78	3755334.75	0.09297	374092.78	3755334.75	0.08259
373792.78	3755709.75	0.10445	374092.78	3755709.75	0.09255
373792.78	3756084.75	0.12491	374092.78	3756084.75	0.10971
373792.78	3756459.75	0.15872	374092.78	3756459.75	0.13701
373792.78	3756834.75	0.20496	374092.78	3756834.75	0.17378
373792.78	3757209.75	0.25349	374092.78	3757209.75	0.21345
373792.78	3757584.75	0.28735	374092.78	3757584.75	0.24444
373792.78	3757959.75	0.29362	374092.78	3757959.75	0.25616
373792.78	3758334.75	0.27272	374092.78	3758334.75	0.24612
373792.78	3758709.75	0.23558	374092.78	3758709.75	0.22028
370479.03	3756653.75	61.06045	367277.91	3755613.50	0.24768
367231.25	3755721.75	0.25021	367184.62	3755830.00	0.25145
367137.97	3755938.25	0.25137	367091.34	3756046.50	0.25000
367048.09	3756146.75	0.24757	367004.81	3756247.25	0.24413
366961.56	3756347.50	0.23972	366917.69	3756449.50	0.23437
366873.81	3756551.25	0.22827	366829.94	3756653.00	0.22154
366840.22	3756684.50	0.22187	366889.59	3756713.50	0.22644
366879.00	3756682.75	0.22613	366852.25	3756751.00	0.22127
366883.62	3756736.50	0.22510	366820.78	3756715.00	0.21902
366790.12	3756728.00	0.21549	366744.97	3756823.25	0.20813
366699.81	3756918.50	0.20058	366654.66	3757013.75	0.19295
366607.66	3757113.00	0.18500	366560.62	3757212.00	0.17713
366513.62	3757311.25	0.16941	366464.16	3757415.75	0.16149
366414.69	3757520.00	0.15386	366434.03	3757555.50	0.15330
366483.69	3757562.00	0.15576	366566.69	3757525.00	0.16245
366620.62	3757538.50	0.16504	366646.41	3757555.50	0.16573
366712.75	3757550.25	0.17023	366779.09	3757544.75	0.17494
366838.81	3757582.50	0.17668	366912.62	3757623.25	0.17910
366986.47	3757664.25	0.18143	367074.31	3757712.75	0.18410
367162.16	3757761.25	0.18666	367299.75	3757717.75	0.20075
367384.88	3757734.00	0.20628	367397.59	3757757.50	0.20512
367505.56	3757818.00	0.20822	367532.81	3757826.00	0.20969
367561.06	3757814.00	0.21334	367596.03	3757751.50	0.22319
367630.97	3757689.00	0.23369	367694.09	3757685.00	0.24073
367749.88	3757720.50	0.24221	367785.50	3757841.75	0.23069
367782.09	3757935.00	0.21928	367752.06	3757968.50	0.21294

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.20904	367807.91	3758034.00	0.21025
367866.06	3758009.25	0.21785	367924.19	3757984.50	0.22590
367938.25	3757954.00	0.23105	367928.38	3757922.75	0.23417
367914.62	3757953.25	0.22896	368016.69	3757908.25	0.24487
368118.78	3757863.25	0.26260	368180.06	3757838.50	0.27386
368242.09	3757813.50	0.28603	368317.75	3757784.75	0.30172
368406.72	3757787.75	0.31381	368504.88	3757788.75	0.32826
368603.06	3757790.00	0.34331	368628.38	3757765.25	0.35414
368675.91	3757781.00	0.35767	368758.84	3757821.00	0.35943
368838.88	3757871.50	0.35616	368921.38	3757923.50	0.35113
369003.84	3757975.50	0.34444	369037.66	3757968.75	0.35041
369100.78	3757878.25	0.39082	369067.19	3757885.25	0.38358
369139.03	3757929.50	0.37592	369210.91	3757973.75	0.36715
369243.25	3757968.25	0.37254	369304.81	3757894.25	0.41011
369366.38	3757820.00	0.45422	369436.44	3757793.50	0.47899
369435.25	3757759.75	0.49895	369250.56	3758016.75	0.35517
369343.91	3758082.50	0.33986	369437.25	3758148.25	0.32498
369429.41	3758217.50	0.30345	369432.19	3758306.25	0.27974
369434.97	3758395.00	0.25890	369459.97	3758419.25	0.25489
369558.25	3758419.25	0.26023	369656.53	3758419.25	0.26605
369754.81	3758419.25	0.27229	369853.09	3758419.25	0.27876
369878.09	3758394.00	0.28673	369877.19	3758288.75	0.31565
369876.31	3758183.25	0.34968	369962.47	3758103.00	0.38878
370074.53	3758103.00	0.39978	370186.59	3758103.00	0.40880
370298.62	3758103.25	0.41461	370323.62	3758078.00	0.42743
370381.38	3757991.00	0.47481	370435.41	3758019.25	0.45944
370499.31	3758049.75	0.44284	370485.19	3758025.25	0.45591
370480.69	3758086.00	0.42502	370505.53	3758112.75	0.41218
370600.72	3758113.25	0.41017	370695.94	3758113.50	0.40790
370791.12	3758113.75	0.40628	370886.34	3758114.00	0.40615
370911.41	3758089.00	0.41867	370910.97	3757976.00	0.48254
370910.53	3757863.25	0.56491	370910.06	3757750.50	0.67434
370930.06	3757711.75	0.72425	370960.91	3757689.25	0.76057
371046.47	3757692.50	0.77572	371070.81	3757667.50	0.81879
371071.34	3757585.25	0.96223	371046.88	3757610.00	0.90886
371122.22	3757608.50	0.93125	371099.47	3757595.00	0.95090
371134.94	3757663.25	0.84069	371170.41	3757731.75	0.74853
371239.88	3757782.75	0.69721	371263.72	3757807.50	0.67261
371372.38	3757807.25	0.68861	371385.28	3757826.75	0.66880
371485.00	3757895.25	0.61130	371584.72	3757963.75	0.56092

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.51655	371784.16	3758100.75	0.47729
371818.31	3758095.25	0.48203	371873.25	3758021.75	0.52950
371928.19	3757948.50	0.57746	371969.34	3757946.25	0.57673
371989.16	3757923.75	0.59028	371995.12	3757843.25	0.64468
371969.38	3757866.50	0.63152	372022.50	3757868.25	0.62393
372048.31	3757843.00	0.63706	372047.16	3757745.75	0.70237
372046.03	3757648.50	0.76816	372044.88	3757551.25	0.83122
372040.50	3757447.75	0.89270	372036.12	3757345.00	0.94166
372031.75	3757242.00	0.97315	372027.38	3757139.25	0.98241
372002.59	3757115.25	1.00556	371880.53	3757114.25	1.14434
371758.47	3757113.25	1.30762	371636.38	3757112.25	1.49930
371514.31	3757111.25	1.72279	371394.41	3757110.25	1.97605
371274.53	3757109.50	2.26673	371154.62	3757108.50	2.59397
371034.75	3757107.50	2.90769	371059.56	3757132.50	2.68789
371059.44	3757085.25	2.98807	371034.31	3757060.25	3.24350
370944.22	3757060.75	3.59401	370854.12	3757061.25	3.86587
370764.03	3757062.00	3.95736	370789.16	3757086.00	3.59238
370785.78	3756996.25	5.17575	370782.38	3756906.50	7.33464
370778.97	3756816.75	10.56993	370754.94	3756842.75	10.29789
370847.44	3756839.25	8.15063	370939.91	3756835.75	6.20663
371032.41	3756832.25	4.68395	371056.41	3756808.75	4.42183
371058.09	3756781.75	4.30506	371033.69	3756805.25	4.72372
371146.19	3756802.75	3.43355	371258.66	3756800.25	2.65628
371371.16	3756797.75	2.12898	371483.62	3756795.25	1.74930
371595.03	3756793.00	1.46325	371706.41	3756790.50	1.23999
371817.78	3756788.00	1.06273	371932.09	3756785.50	0.91661
372046.38	3756783.00	0.79803	372160.66	3756780.25	0.70046
372274.97	3756777.75	0.61961	372384.72	3756775.50	0.55439
372494.47	3756773.00	0.49876	372604.22	3756770.50	0.45106
372713.97	3756768.00	0.40986	372738.38	3756741.75	0.39266
372732.97	3756646.50	0.36181	372819.62	3756573.75	0.31623
372843.78	3756547.75	0.30324	372839.41	3756453.75	0.27873
372821.25	3756362.50	0.25949	372795.62	3756342.50	0.25924
372731.31	3756327.75	0.26716	372707.19	3756351.75	0.27782
372927.97	3756344.00	0.23797	372952.09	3756318.75	0.22932
372951.22	3756244.75	0.21576	372926.66	3756270.00	0.22363
373032.78	3756268.00	0.20930	373138.88	3756266.25	0.19638
373245.00	3756264.25	0.18463	373351.12	3756262.25	0.17394
373457.25	3756260.50	0.16422	373481.81	3756235.00	0.15930
373480.34	3756122.50	0.14800	373478.88	3756009.75	0.13840

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.13039	373475.94	3755784.50	0.12375
373474.47	3755672.00	0.11828	373473.00	3755559.25	0.11374
373447.00	3755534.75	0.11418	373334.22	3755539.25	0.12047
373221.47	3755543.75	0.12734	373197.47	3755568.25	0.12990
373195.91	3755636.25	0.13316	373194.34	3755704.50	0.13683
373219.59	3755680.00	0.13383	373134.91	3755679.00	0.13953
373159.66	3755703.50	0.13916	373157.94	3755634.75	0.13562
373156.22	3755566.00	0.13248	373132.47	3755541.75	0.13298
373055.34	3755537.75	0.13811	373079.06	3755562.25	0.13756
373077.12	3755465.00	0.13351	373075.16	3755368.00	0.13001
373073.19	3755270.75	0.12691	373071.22	3755173.50	0.12411
373046.00	3755149.00	0.12499	372939.09	3755150.00	0.13207
372832.16	3755151.00	0.13981	372725.25	3755152.00	0.14828
372622.81	3755157.25	0.15734	372527.31	3755158.00	0.16636
372430.69	3755159.00	0.17631	372334.09	3755159.75	0.18711
372237.47	3755160.50	0.19885	372138.81	3755161.25	0.21186
372040.12	3755162.25	0.22599	371941.47	3755163.00	0.24124
371842.78	3755163.75	0.25762	371747.72	3755164.50	0.27445
371652.69	3755165.25	0.29222	371557.62	3755166.25	0.31084
371462.59	3755167.00	0.32998	371359.16	3755167.75	0.35110
371255.72	3755168.75	0.37213	371152.25	3755169.50	0.39244
371048.81	3755170.50	0.41169	371024.06	3755196.50	0.42719
371027.69	3755273.25	0.46192	371031.34	3755350.25	0.50039
371019.94	3755375.50	0.51760	371017.91	3755470.00	0.57544
371017.38	3755556.25	0.63468	371040.31	3755531.50	0.60638
371025.97	3755420.25	0.54166	371015.62	3755399.00	0.53248
370915.81	3755327.25	0.51720	370816.03	3755255.25	0.49465
370736.56	3755243.75	0.50079	370669.19	3755237.00	0.50645
370571.06	3755237.25	0.51918	370475.62	3755237.75	0.52959
370380.12	3755238.25	0.53739	370278.66	3755239.00	0.54247
370177.19	3755239.50	0.54377	370075.72	3755240.00	0.54189
369979.41	3755240.50	0.53782	369883.09	3755241.00	0.53220
369786.78	3755241.50	0.52557	369690.47	3755242.00	0.51816
369594.16	3755242.75	0.51006	369497.88	3755243.25	0.50054
369396.38	3755243.75	0.48871	369294.91	3755244.25	0.47495
369193.44	3755244.75	0.45957	369091.97	3755245.25	0.44316
368990.50	3755246.00	0.42645	368889.03	3755246.50	0.40979
368782.41	3755247.00	0.39278	368675.78	3755247.50	0.37644
368569.12	3755248.25	0.36090	368471.00	3755248.75	0.34713
368372.84	3755249.25	0.33391	368274.69	3755249.75	0.32120

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.30363	368053.72	3755209.25	0.28684
367940.91	3755188.50	0.27132	367824.03	3755184.75	0.25904
367710.84	3755181.25	0.24778	367597.62	3755177.50	0.23706
367484.44	3755174.00	0.22693	367460.69	3755189.25	0.22652
367415.00	3755295.25	0.23328	367369.31	3755401.25	0.23914
367323.59	3755507.25	0.24396	367483.66	3755199.00	0.22951
367300.88	3755623.25	0.25109	367114.28	3756056.25	0.25324
366984.53	3756357.50	0.24254	366852.91	3756663.00	0.22376
366902.28	3756692.00	0.22846	366875.53	3756760.00	0.22349
366812.69	3756738.50	0.21751	366677.25	3757024.50	0.19441
366536.22	3757322.00	0.17042	366437.28	3757530.75	0.15463
366486.94	3757537.25	0.15714	366623.91	3757468.00	0.16897
366644.38	3757530.75	0.16694	366777.06	3757519.75	0.17629
366998.56	3757642.25	0.18385	367174.25	3757739.50	0.18926
367290.72	3757694.25	0.20210	367412.66	3757694.75	0.21241
367409.81	3757735.75	0.20821	367517.78	3757796.25	0.21144
367539.25	3757802.00	0.21270	367609.12	3757676.75	0.23290
367769.06	3757644.25	0.25428	367774.81	3757718.50	0.24513
367809.47	3757834.50	0.23391	367807.06	3757935.50	0.22142
367774.94	3757958.50	0.21598	367798.12	3758011.00	0.21201
367914.41	3757961.50	0.22790	367904.53	3757930.25	0.23094
368108.69	3757840.25	0.26510	368232.75	3757790.25	0.28909
368308.88	3757761.50	0.30515	368603.38	3757765.00	0.35003
368603.84	3757718.50	0.36292	368769.72	3757798.50	0.36806
369017.16	3757954.25	0.35288	369080.28	3757864.00	0.39356
369224.00	3757952.25	0.37673	369408.72	3757730.00	0.51304
369454.22	3757776.00	0.49204	369264.97	3757996.50	0.36394
369451.62	3758128.00	0.33264	369459.97	3758394.25	0.26038
369853.09	3758394.25	0.28496	369850.44	3758078.00	0.38726
370298.62	3758078.25	0.42643	370297.53	3757962.75	0.48874
370382.34	3757966.00	0.48955	370510.12	3758027.25	0.45451
370505.62	3758087.75	0.42389	370886.41	3758089.00	0.41824
370885.06	3757750.50	0.67060	370907.31	3757701.50	0.73302
370944.91	3757670.00	0.78420	371045.81	3757667.50	0.81261
371046.34	3757585.00	0.95569	371121.66	3757583.50	0.97859
371192.59	3757720.25	0.76851	371253.97	3757762.25	0.72458
371263.66	3757782.50	0.70151	371372.34	3757782.25	0.71741
371399.44	3757806.25	0.69294	371798.31	3758080.25	0.49049
371908.19	3757933.50	0.58884	371964.22	3757921.75	0.59357
371970.19	3757841.50	0.64927	372023.31	3757843.25	0.64066

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.84268	372002.41	3757140.25	1.00774
371514.12	3757136.25	1.69715	371034.56	3757132.50	2.75130
371034.44	3757085.25	3.06668	370764.19	3757087.00	3.56719
370754.00	3756817.75	11.31434	371031.47	3756807.25	4.75078
371033.12	3756780.25	4.76068	371483.09	3756770.25	1.71306
371817.25	3756763.00	1.03781	372274.41	3756752.75	0.60547
372713.41	3756743.00	0.40125	372702.62	3756552.50	0.33870
372818.81	3756548.75	0.30913	372814.44	3756455.00	0.28400
372796.75	3756367.50	0.26503	372704.81	3756371.50	0.28355
372706.31	3756326.75	0.27154	372927.09	3756319.25	0.23307
372926.22	3756245.00	0.21913	373456.81	3756235.50	0.16142
373448.00	3755559.75	0.11506	373222.47	3755568.75	0.12834
373219.34	3755705.00	0.13518	373134.66	3755704.00	0.14095
373131.22	3755566.75	0.13418	373054.09	3755562.75	0.13936
373046.22	3755174.00	0.12570	372725.47	3755177.00	0.14920
372624.12	3755182.25	0.15826	372237.69	3755185.50	0.20048
371843.00	3755188.75	0.26065	371462.81	3755192.00	0.33575
371049.03	3755195.50	0.42213	371056.31	3755349.00	0.49270
371043.41	3755384.00	0.51523	371042.38	3755556.25	0.62222
370995.81	3755560.25	0.64843	371001.00	3755419.25	0.54945
370801.41	3755275.50	0.50943	370666.66	3755261.75	0.52275
370380.28	3755263.25	0.55546	370075.88	3755265.00	0.56014
369786.91	3755266.50	0.54270	369498.00	3755268.25	0.51572
369193.59	3755269.75	0.47156	368889.16	3755271.50	0.41907
368569.28	3755273.25	0.36810	368274.84	3755274.75	0.32679
367936.44	3755213.25	0.27481			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.21200	372498.53	3757611.75	0.18084
372248.53	3757861.75	0.18257	372498.53	3757861.75	0.16478
372248.53	3758111.75	0.14693	372498.53	3758111.75	0.14024
372248.53	3758361.75	0.11369	372498.53	3758361.75	0.11397
373792.78	3755334.75	0.01532	374092.78	3755334.75	0.01390
373792.78	3755709.75	0.01872	374092.78	3755709.75	0.01701
373792.78	3756084.75	0.02537	374092.78	3756084.75	0.02275
373792.78	3756459.75	0.03654	374092.78	3756459.75	0.03193
373792.78	3756834.75	0.05180	374092.78	3756834.75	0.04420
373792.78	3757209.75	0.06817	374092.78	3757209.75	0.05755
373792.78	3757584.75	0.08091	374092.78	3757584.75	0.06872
373792.78	3757959.75	0.08612	374092.78	3757959.75	0.07471
373792.78	3758334.75	0.08303	374092.78	3758334.75	0.07431
373792.78	3758709.75	0.07388	374092.78	3758709.75	0.06855
370479.03	3756653.75	5.72963	367277.91	3755613.50	0.06435
367231.25	3755721.75	0.06585	367184.62	3755830.00	0.06693
367137.97	3755938.25	0.06759	367091.34	3756046.50	0.06780
367048.09	3756146.75	0.06760	367004.81	3756247.25	0.06705
366961.56	3756347.50	0.06615	366917.69	3756449.50	0.06493
366873.81	3756551.25	0.06343	366829.94	3756653.00	0.06169
366840.22	3756684.50	0.06178	366889.59	3756713.50	0.06299
366879.00	3756682.75	0.06291	366852.25	3756751.00	0.06160
366883.62	3756736.50	0.06262	366820.78	3756715.00	0.06102
366790.12	3756728.00	0.06008	366744.97	3756823.25	0.05806
366699.81	3756918.50	0.05595	366654.66	3757013.75	0.05376
366607.66	3757113.00	0.05145	366560.62	3757212.00	0.04912
366513.62	3757311.25	0.04680	366464.16	3757415.75	0.04439
366414.69	3757520.00	0.04205	366434.03	3757555.50	0.04176
366483.69	3757562.00	0.04234	366566.69	3757525.00	0.04416
366620.62	3757538.50	0.04473	366646.41	3757555.50	0.04481
366712.75	3757550.25	0.04593	366779.09	3757544.75	0.04711
366838.81	3757582.50	0.04728	366912.62	3757623.25	0.04757
366986.47	3757664.25	0.04779	367074.31	3757712.75	0.04798
367162.16	3757761.25	0.04808	367299.75	3757717.75	0.05153
367384.88	3757734.00	0.05250	367397.59	3757757.50	0.05198
367505.56	3757818.00	0.05181	367532.81	3757826.00	0.05199
367561.06	3757814.00	0.05286	367596.03	3757751.50	0.05569
367630.97	3757689.00	0.05871	367694.09	3757685.00	0.06018
367749.88	3757720.50	0.05988	367785.50	3757841.75	0.05566
367782.09	3757935.00	0.05208	367752.06	3757968.50	0.05046

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.04897	367807.91	3758034.00	0.04896
367866.06	3758009.25	0.05060	367924.19	3757984.50	0.05233
367938.25	3757954.00	0.05371	367928.38	3757922.75	0.05480
367914.62	3757953.25	0.05339	368016.69	3757908.25	0.05683
368118.78	3757863.25	0.06065	368180.06	3757838.50	0.06301
368242.09	3757813.50	0.06556	368317.75	3757784.75	0.06879
368406.72	3757787.75	0.07053	368504.88	3757788.75	0.07260
368603.06	3757790.00	0.07463	368628.38	3757765.25	0.07702
368675.91	3757781.00	0.07685	368758.84	3757821.00	0.07537
368838.88	3757871.50	0.07269	368921.38	3757923.50	0.06959
369003.84	3757975.50	0.06616	369037.66	3757968.75	0.06680
369100.78	3757878.25	0.07463	369067.19	3757885.25	0.07383
369139.03	3757929.50	0.07021	369210.91	3757973.75	0.06643
369243.25	3757968.25	0.06679	369304.81	3757894.25	0.07318
369366.38	3757820.00	0.08063	369436.44	3757793.50	0.08331
369435.25	3757759.75	0.08751	369250.56	3758016.75	0.06289
369343.91	3758082.50	0.05763	369437.25	3758148.25	0.05295
369429.41	3758217.50	0.04911	369432.19	3758306.25	0.04478
369434.97	3758395.00	0.04106	369459.97	3758419.25	0.04014
369558.25	3758419.25	0.04028	369656.53	3758419.25	0.04069
369754.81	3758419.25	0.04136	369853.09	3758419.25	0.04225
369878.09	3758394.00	0.04344	369877.19	3758288.75	0.04768
369876.31	3758183.25	0.05269	369962.47	3758103.00	0.05839
370074.53	3758103.00	0.06030	370186.59	3758103.00	0.06226
370298.62	3758103.25	0.06402	370323.62	3758078.00	0.06618
370381.38	3757991.00	0.07408	370435.41	3758019.25	0.07261
370499.31	3758049.75	0.07122	370485.19	3758025.25	0.07303
370480.69	3758086.00	0.06798	370505.53	3758112.75	0.06637
370600.72	3758113.25	0.06819	370695.94	3758113.50	0.07083
370791.12	3758113.75	0.07456	370886.34	3758114.00	0.07954
370911.41	3758089.00	0.08414	370910.97	3757976.00	0.10082
370910.53	3757863.25	0.12362	370910.06	3757750.50	0.15578
370930.06	3757711.75	0.17399	370960.91	3757689.25	0.19009
371046.47	3757692.50	0.20680	371070.81	3757667.50	0.22445
371071.34	3757585.25	0.27371	371046.88	3757610.00	0.25215
371122.22	3757608.50	0.26903	371099.47	3757595.00	0.27323
371134.94	3757663.25	0.23921	371170.41	3757731.75	0.21099
371239.88	3757782.75	0.19914	371263.72	3757807.50	0.19242
371372.38	3757807.25	0.20459	371385.28	3757826.75	0.19845
371485.00	3757895.25	0.18320	371584.72	3757963.75	0.16945

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.15709	371784.16	3758100.75	0.14596
371818.31	3758095.25	0.14818	371873.25	3758021.75	0.16468
371928.19	3757948.50	0.18043	371969.34	3757946.25	0.18030
371989.16	3757923.75	0.18446	371995.12	3757843.25	0.20069
371969.38	3757866.50	0.19697	372022.50	3757868.25	0.19439
372048.31	3757843.00	0.19796	372047.16	3757745.75	0.21619
372046.03	3757648.50	0.23327	372044.88	3757551.25	0.24812
372040.50	3757447.75	0.26068	372036.12	3757345.00	0.26802
372031.75	3757242.00	0.26900	372027.38	3757139.25	0.26285
372002.59	3757115.25	0.26714	371880.53	3757114.25	0.30584
371758.47	3757113.25	0.35237	371636.38	3757112.25	0.40846
371514.31	3757111.25	0.47599	371394.41	3757110.25	0.55513
371274.53	3757109.50	0.64750	371154.62	3757108.50	0.75112
371034.75	3757107.50	0.85715	371059.56	3757132.50	0.80082
371059.44	3757085.25	0.86605	371034.31	3757060.25	0.92652
370944.22	3757060.75	1.02706	370854.12	3757061.25	1.10638
370764.03	3757062.00	1.13361	370789.16	3757086.00	1.03981
370785.78	3756996.25	1.40931	370782.38	3756906.50	1.77879
370778.97	3756816.75	1.97202	370754.94	3756842.75	2.08541
370847.44	3756839.25	1.62159	370939.91	3756835.75	1.27081
371032.41	3756832.25	1.01041	371056.41	3756808.75	0.92940
371058.09	3756781.75	0.88883	371033.69	3756805.25	0.97649
371146.19	3756802.75	0.75270	371258.66	3756800.25	0.59556
371371.16	3756797.75	0.48190	371483.62	3756795.25	0.39744
371595.03	3756793.00	0.33380	371706.41	3756790.50	0.28411
371817.78	3756788.00	0.24470	371932.09	3756785.50	0.21221
372046.38	3756783.00	0.18579	372160.66	3756780.25	0.16398
372274.97	3756777.75	0.14585	372384.72	3756775.50	0.13117
372494.47	3756773.00	0.11859	372604.22	3756770.50	0.10775
372713.97	3756768.00	0.09835	372738.38	3756741.75	0.09357
372732.97	3756646.50	0.08353	372819.62	3756573.75	0.07156
372843.78	3756547.75	0.06809	372839.41	3756453.75	0.06035
372821.25	3756362.50	0.05399	372795.62	3756342.50	0.05333
372731.31	3756327.75	0.05421	372707.19	3756351.75	0.05683
372927.97	3756344.00	0.04965	372952.09	3756318.75	0.04745
372951.22	3756244.75	0.04326	372926.66	3756270.00	0.04521
373032.78	3756268.00	0.04274	373138.88	3756266.25	0.04048
373245.00	3756264.25	0.03839	373351.12	3756262.25	0.03646
373457.25	3756260.50	0.03468	373481.81	3756235.00	0.03338
373480.34	3756122.50	0.02973	373478.88	3756009.75	0.02663

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.02409	373475.94	3755784.50	0.02201
373474.47	3755672.00	0.02036	373473.00	3755559.25	0.01904
373447.00	3755534.75	0.01897	373334.22	3755539.25	0.01984
373221.47	3755543.75	0.02077	373197.47	3755568.25	0.02124
373195.91	3755636.25	0.02208	373194.34	3755704.50	0.02308
373219.59	3755680.00	0.02249	373134.91	3755679.00	0.02323
373159.66	3755703.50	0.02338	373157.94	3755634.75	0.02240
373156.22	3755566.00	0.02156	373132.47	3755541.75	0.02150
373055.34	3755537.75	0.02216	373079.06	3755562.25	0.02221
373077.12	3755465.00	0.02124	373075.16	3755368.00	0.02048
373073.19	3755270.75	0.01987	373071.22	3755173.50	0.01939
373046.00	3755149.00	0.01951	372939.09	3755150.00	0.02056
372832.16	3755151.00	0.02171	372725.25	3755152.00	0.02299
372622.81	3755157.25	0.02436	372527.31	3755158.00	0.02575
372430.69	3755159.00	0.02729	372334.09	3755159.75	0.02897
372237.47	3755160.50	0.03081	372138.81	3755161.25	0.03285
372040.12	3755162.25	0.03505	371941.47	3755163.00	0.03741
371842.78	3755163.75	0.03992	371747.72	3755164.50	0.04243
371652.69	3755165.25	0.04501	371557.62	3755166.25	0.04761
371462.59	3755167.00	0.05016	371359.16	3755167.75	0.05282
371255.72	3755168.75	0.05529	371152.25	3755169.50	0.05748
371048.81	3755170.50	0.05940	371024.06	3755196.50	0.06128
371027.69	3755273.25	0.06584	371031.34	3755350.25	0.07082
371019.94	3755375.50	0.07292	371017.91	3755470.00	0.08015
371017.38	3755556.25	0.08738	371040.31	3755531.50	0.08414
371025.97	3755420.25	0.07601	371015.62	3755399.00	0.07476
370915.81	3755327.25	0.07197	370816.03	3755255.25	0.06844
370736.56	3755243.75	0.06879	370669.19	3755237.00	0.06925
370571.06	3755237.25	0.07070	370475.62	3755237.75	0.07216
370380.12	3755238.25	0.07355	370278.66	3755239.00	0.07482
370177.19	3755239.50	0.07567	370075.72	3755240.00	0.07606
369979.41	3755240.50	0.07605	369883.09	3755241.00	0.07583
369786.78	3755241.50	0.07555	369690.47	3755242.00	0.07533
369594.16	3755242.75	0.07529	369497.88	3755243.25	0.07538
369396.38	3755243.75	0.07554	369294.91	3755244.25	0.07560
369193.44	3755244.75	0.07547	369091.97	3755245.25	0.07512
368990.50	3755246.00	0.07463	368889.03	3755246.50	0.07403
368782.41	3755247.00	0.07334	368675.78	3755247.50	0.07260
368569.12	3755248.25	0.07180	368471.00	3755248.75	0.07096
368372.84	3755249.25	0.07002	368274.69	3755249.75	0.06897

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.06652	368053.72	3755209.25	0.06405
367940.91	3755188.50	0.06165	367824.03	3755184.75	0.05999
367710.84	3755181.25	0.05835	367597.62	3755177.50	0.05668
367484.44	3755174.00	0.05501	367460.69	3755189.25	0.05518
367415.00	3755295.25	0.05787	367369.31	3755401.25	0.06033
367323.59	3755507.25	0.06250	367483.66	3755199.00	0.05583
367300.88	3755623.25	0.06518	367114.28	3756056.25	0.06864
366984.53	3756357.50	0.06690	366852.91	3756663.00	0.06228
366902.28	3756692.00	0.06352	366875.53	3756760.00	0.06218
366812.69	3756738.50	0.06061	366677.25	3757024.50	0.05413
366536.22	3757322.00	0.04702	366437.28	3757530.75	0.04220
366486.94	3757537.25	0.04279	366623.91	3757468.00	0.04605
366644.38	3757530.75	0.04524	366777.06	3757519.75	0.04758
366998.56	3757642.25	0.04852	367174.25	3757739.50	0.04885
367290.72	3757694.25	0.05208	367412.66	3757694.75	0.05426
367409.81	3757735.75	0.05288	367517.78	3757796.25	0.05274
367539.25	3757802.00	0.05291	367609.12	3757676.75	0.05873
367769.06	3757644.25	0.06356	367774.81	3757718.50	0.06048
367809.47	3757834.50	0.05636	367807.06	3757935.50	0.05244
367774.94	3757958.50	0.05113	367798.12	3758011.00	0.04962
367914.41	3757961.50	0.05307	367904.53	3757930.25	0.05413
368108.69	3757840.25	0.06157	368232.75	3757790.25	0.06665
368308.88	3757761.50	0.06998	368603.38	3757765.00	0.07648
368603.84	3757718.50	0.08007	368769.72	3757798.50	0.07737
369017.16	3757954.25	0.06784	369080.28	3757864.00	0.07582
369224.00	3757952.25	0.06819	369408.72	3757730.00	0.09156
369454.22	3757776.00	0.08533	369264.97	3757996.50	0.06440
369451.62	3758128.00	0.05412	369459.97	3758394.25	0.04108
369853.09	3758394.25	0.04317	369850.44	3758078.00	0.05831
370298.62	3758078.25	0.06578	370297.53	3757962.75	0.07500
370382.34	3757966.00	0.07633	370510.12	3758027.25	0.07337
370505.62	3758087.75	0.06828	370886.41	3758089.00	0.08250
370885.06	3757750.50	0.15127	370907.31	3757701.50	0.17336
370944.91	3757670.00	0.19533	371045.81	3757667.50	0.21919
371046.34	3757585.00	0.26814	371121.66	3757583.50	0.28526
371192.59	3757720.25	0.21985	371253.97	3757762.25	0.20962
371263.66	3757782.50	0.20237	371372.34	3757782.25	0.21443
371399.44	3757806.25	0.20741	371798.31	3758080.25	0.15067
371908.19	3757933.50	0.18393	371964.22	3757921.75	0.18548
371970.19	3757841.50	0.20224	372023.31	3757843.25	0.19926

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.25206	372002.41	3757140.25	0.27004
371514.12	3757136.25	0.47436	371034.56	3757132.50	0.81815
371034.44	3757085.25	0.89093	370764.19	3757087.00	1.03051
370754.00	3756817.75	2.12619	371031.47	3756807.25	0.98433
371033.12	3756780.25	0.94166	371483.09	3756770.25	0.38163
371817.25	3756763.00	0.23568	372274.41	3756752.75	0.14113
372713.41	3756743.00	0.09554	372702.62	3756552.50	0.07538
372818.81	3756548.75	0.06931	372814.44	3756455.00	0.06138
372796.75	3756367.50	0.05512	372704.81	3756371.50	0.05850
372706.31	3756326.75	0.05491	372927.09	3756319.25	0.04812
372926.22	3756245.00	0.04382	373456.81	3756235.50	0.03377
373448.00	3755559.75	0.01922	373222.47	3755568.75	0.02103
373219.34	3755705.00	0.02286	373134.66	3755704.00	0.02361
373131.22	3755566.75	0.02179	373054.09	3755562.75	0.02245
373046.22	3755174.00	0.01962	372725.47	3755177.00	0.02310
372624.12	3755182.25	0.02447	372237.69	3755185.50	0.03097
371843.00	3755188.75	0.04027	371462.81	3755192.00	0.05094
371049.03	3755195.50	0.06078	371056.31	3755349.00	0.07003
371043.41	3755384.00	0.07281	371042.38	3755556.25	0.08607
370995.81	3755560.25	0.08884	371001.00	3755419.25	0.07676
370801.41	3755275.50	0.07016	370666.66	3755261.75	0.07118
370380.28	3755263.25	0.07566	370075.88	3755265.00	0.07826
369786.91	3755266.50	0.07769	369498.00	3755268.25	0.07754
369193.59	3755269.75	0.07754	368889.16	3755271.50	0.07597
368569.28	3755273.25	0.07359	368274.84	3755274.75	0.07051
367936.44	3755213.25	0.06275			

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.23645	(96090804)	372498.53	3757611.75	1.11757	(96042821)
372248.53	3757861.75	1.18217	(96090804)	372498.53	3757861.75	1.07329	(96090804)
372248.53	3758111.75	1.09897	(96010521)	372498.53	3758111.75	0.98211	(96092819)
372248.53	3758361.75	1.02364	(96091420)	372498.53	3758361.75	0.93294	(96010521)
373792.78	3755334.75	0.79294	(96010203)	374092.78	3755334.75	0.69547	(96010203)
373792.78	3755709.75	0.69887	(96100822)	374092.78	3755709.75	0.69879	(96052101)
373792.78	3756084.75	0.80629	(96052101)	374092.78	3756084.75	0.75725	(96052101)
373792.78	3756459.75	0.81376	(96052201)	374092.78	3756459.75	0.78590	(96052201)
373792.78	3756834.75	0.76273	(96052201)	374092.78	3756834.75	0.74302	(96052201)
373792.78	3757209.75	0.83562	(96051805)	374092.78	3757209.75	0.79017	(96051805)
373792.78	3757584.75	0.75217	(96020204)	374092.78	3757584.75	0.71528	(96020204)
373792.78	3757959.75	0.81048	(96051204)	374092.78	3757959.75	0.78194	(96051204)
373792.78	3758334.75	0.70123	(96021524)	374092.78	3758334.75	0.65343	(96021524)
373792.78	3758709.75	0.77384	(96062303)	374092.78	3758709.75	0.73542	(96062303)
370479.03	3756653.75	13.44712	(96051619)	367277.91	3755613.50	0.85626	(96050805)
367231.25	3755721.75	0.84003	(96020720)	367184.62	3755830.00	0.84293	(96020720)
367137.97	3755938.25	0.88513	(96010801)	367091.34	3756046.50	0.89371	(96030207)
367048.09	3756146.75	0.86421	(96030207)	367004.81	3756247.25	0.83720	(96010804)
366961.56	3756347.50	0.85728	(96010805)	366917.69	3756449.50	0.87767	(96010805)
366873.81	3756551.25	0.85778	(96090202)	366829.94	3756653.00	0.86006	(96090202)
366840.22	3756684.50	0.85317	(96090202)	366889.59	3756713.50	0.84633	(96090202)
366879.00	3756682.75	0.85766	(96090202)	366852.25	3756751.00	0.83995	(96010303)
366883.62	3756736.50	0.83716	(96012907)	366820.78	3756715.00	0.83921	(96090202)
366790.12	3756728.00	0.83005	(96090202)	366744.97	3756823.25	0.85078	(96010303)
366699.81	3756918.50	0.84162	(96010303)	366654.66	3757013.75	0.80314	(96012624)
366607.66	3757113.00	0.82117	(96012624)	366560.62	3757212.00	0.82195	(96010204)
366513.62	3757311.25	0.81874	(96010204)	366464.16	3757415.75	0.81269	(96010202)
366414.69	3757520.00	0.80197	(96010604)	366434.03	3757555.50	0.79831	(96010604)
366483.69	3757562.00	0.80194	(96010603)	366566.69	3757525.00	0.81440	(96010604)
366620.62	3757538.50	0.82120	(96010603)	366646.41	3757555.50	0.82768	(96010603)
366712.75	3757550.25	0.83682	(96010603)	366779.09	3757544.75	0.84536	(96010603)
366838.81	3757582.50	0.84607	(96010603)	366912.62	3757623.25	0.85295	(96010721)
366986.47	3757664.25	0.87410	(96010721)	367074.31	3757712.75	0.87779	(96050521)
367162.16	3757761.25	0.89490	(96050521)	367299.75	3757717.75	0.91074	(96050521)
367384.88	3757734.00	0.90684	(96050521)	367397.59	3757757.50	0.89428	(96050521)
367505.56	3757818.00	0.91480	(96011402)	367532.81	3757826.00	0.91239	(96011402)
367561.06	3757814.00	0.91528	(96011402)	367596.03	3757751.50	0.92809	(96011402)
367630.97	3757689.00	0.93484	(96020806)	367694.09	3757685.00	0.95954	(96020806)
367749.88	3757720.50	0.96750	(96020806)	367785.50	3757841.75	0.92806	(96063001)
367782.09	3757935.00	0.93998	(96011023)	367752.06	3757968.50	0.93559	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.93087	(96063001)	367807.91	3758034.00	0.94139	(96063001)
367866.06	3758009.25	0.96910	(96063001)	367924.19	3757984.50	0.99793	(96063001)
367938.25	3757954.00	1.01134	(96063001)	367928.38	3757922.75	1.01248	(96063001)
367914.62	3757953.25	1.00120	(96063001)	368016.69	3757908.25	1.05691	(96063001)
368118.78	3757863.25	1.11713	(96063001)	368180.06	3757838.50	1.15479	(96063001)
368242.09	3757813.50	1.19449	(96063001)	368317.75	3757784.75	1.24423	(96063001)
368406.72	3757787.75	1.28544	(96010723)	368504.88	3757788.75	1.32032	(96010723)
368603.06	3757790.00	1.33377	(96010723)	368628.38	3757765.25	1.36688	(96010723)
368675.91	3757781.00	1.40447	(96051123)	368758.84	3757821.00	1.49885	(96051123)
368838.88	3757871.50	1.52549	(96051123)	368921.38	3757923.50	1.47185	(96051123)
369003.84	3757975.50	1.52855	(96102320)	369037.66	3757968.75	1.57091	(96102320)
369100.78	3757878.25	1.66721	(96102320)	369067.19	3757885.25	1.61753	(96102320)
369139.03	3757929.50	1.69179	(96102320)	369210.91	3757973.75	1.68143	(96102320)
369243.25	3757968.25	1.68648	(96102320)	369304.81	3757894.25	1.78672	(96102320)
369366.38	3757820.00	1.89443	(96102320)	369436.44	3757793.50	1.94034	(96020918)
369435.25	3757759.75	1.97316	(96102320)	369250.56	3758016.75	1.60845	(96102320)
369343.91	3758082.50	1.66794	(96052422)	369437.25	3758148.25	1.67045	(96052422)
369429.41	3758217.50	1.58855	(96052422)	369432.19	3758306.25	1.47644	(96052422)
369434.97	3758395.00	1.37315	(96060405)	369459.97	3758419.25	1.37346	(96052801)
369558.25	3758419.25	1.47350	(96052801)	369656.53	3758419.25	1.50485	(96052801)
369754.81	3758419.25	1.45563	(96052801)	369853.09	3758419.25	1.53321	(96040623)
369878.09	3758394.00	1.57709	(96040623)	369877.19	3758288.75	1.65686	(96040623)
369876.31	3758183.25	1.73233	(96040623)	369962.47	3758103.00	1.92484	(96040623)
370074.53	3758103.00	1.92089	(96040623)	370186.59	3758103.00	1.87263	(96041320)
370298.62	3758103.25	1.92173	(96041320)	370323.62	3758078.00	1.93137	(96041320)
370381.38	3757991.00	2.07204	(96010107)	370435.41	3758019.25	2.03302	(96043022)
370499.31	3758049.75	2.03952	(96043022)	370485.19	3758025.25	2.07036	(96043022)
370480.69	3758086.00	1.98087	(96043022)	370505.53	3758112.75	1.95473	(96043022)
370600.72	3758113.25	1.89698	(96043022)	370695.94	3758113.50	1.80462	(96042520)
370791.12	3758113.75	1.85942	(96042520)	370886.34	3758114.00	1.78740	(96042520)
370911.41	3758089.00	1.76632	(96020620)	370910.97	3757976.00	1.83213	(96052202)
370910.53	3757863.25	2.04926	(96052202)	370910.06	3757750.50	2.23715	(96052202)
370930.06	3757711.75	2.26325	(96052202)	370960.91	3757689.25	2.21871	(96052202)
371046.47	3757692.50	2.13570	(96092722)	371070.81	3757667.50	2.16813	(96092722)
371071.34	3757585.25	2.30414	(96091123)	371046.88	3757610.00	2.27382	(96091123)
371122.22	3757608.50	2.22553	(96091123)	371099.47	3757595.00	2.26549	(96091123)
371134.94	3757663.25	2.15638	(96091123)	371170.41	3757731.75	2.04630	(96091123)
371239.88	3757782.75	1.94367	(96091123)	371263.72	3757807.50	1.90117	(96091123)
371372.38	3757807.25	1.76927	(96091123)	371385.28	3757826.75	1.74758	(96091123)
371485.00	3757895.25	1.59449	(96091123)	371584.72	3757963.75	1.49331	(96021518)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.39840	(96021518)	371784.16	3758100.75	1.30876	(96021518)
371818.31	3758095.25	1.29608	(96010519)	371873.25	3758021.75	1.33436	(96091420)
371928.19	3757948.50	1.33723	(96091420)	371969.34	3757946.25	1.30449	(96010521)
371989.16	3757923.75	1.30042	(96010521)	371995.12	3757843.25	1.31541	(96092819)
371969.38	3757866.50	1.32684	(96010521)	372022.50	3757868.25	1.28677	(96092819)
372048.31	3757843.00	1.28975	(96092819)	372047.16	3757745.75	1.33695	(96090804)
372046.03	3757648.50	1.40270	(96090804)	372044.88	3757551.25	1.41846	(96090804)
372040.50	3757447.75	1.44545	(96052821)	372036.12	3757345.00	1.49745	(96042821)
372031.75	3757242.00	1.56178	(96090805)	372027.38	3757139.25	1.54301	(96010719)
372002.59	3757115.25	1.56987	(96012319)	371880.53	3757114.25	1.70583	(96090805)
371758.47	3757113.25	1.87104	(96090805)	371636.38	3757112.25	2.03340	(96090805)
371514.31	3757111.25	2.17487	(96090805)	371394.41	3757110.25	2.33273	(96092723)
371274.53	3757109.50	2.53760	(96020423)	371154.62	3757108.50	2.93505	(96062920)
371034.75	3757107.50	3.31754	(96010118)	371059.56	3757132.50	3.17711	(96010118)
371059.44	3757085.25	3.31191	(96062920)	371034.31	3757060.25	3.46792	(96062920)
370944.22	3757060.75	3.78790	(96010118)	370854.12	3757061.25	4.19564	(96063023)
370764.03	3757062.00	4.59060	(96091920)	370789.16	3757086.00	4.37132	(96091920)
370785.78	3756996.25	4.76205	(96063023)	370782.38	3756906.50	5.22471	(96062920)
370778.97	3756816.75	5.57364	(96090723)	370754.94	3756842.75	5.67762	(96092719)
370847.44	3756839.25	4.92293	(96090722)	370939.91	3756835.75	4.34762	(96090722)
371032.41	3756832.25	3.85442	(96091102)	371056.41	3756808.75	3.75801	(96091102)
371058.09	3756781.75	3.77817	(96062820)	371033.69	3756805.25	3.87761	(96091102)
371146.19	3756802.75	3.34717	(96062820)	371258.66	3756800.25	2.93952	(96062820)
371371.16	3756797.75	2.57821	(96062820)	371483.62	3756795.25	2.32554	(96093020)
371595.03	3756793.00	2.13726	(96061801)	371706.41	3756790.50	1.96574	(96061801)
371817.78	3756788.00	1.80755	(96061801)	371932.09	3756785.50	1.66702	(96051601)
372046.38	3756783.00	1.54549	(96051601)	372160.66	3756780.25	1.45071	(96020220)
372274.97	3756777.75	1.36270	(96020220)	372384.72	3756775.50	1.28432	(96011017)
372494.47	3756773.00	1.21340	(96011017)	372604.22	3756770.50	1.14766	(96011017)
372713.97	3756768.00	1.08680	(96011017)	372738.38	3756741.75	1.08185	(96052323)
372732.97	3756646.50	1.11586	(96052323)	372819.62	3756573.75	1.06696	(96052323)
372843.78	3756547.75	1.04907	(96052323)	372839.41	3756453.75	1.01191	(96052323)
372821.25	3756362.50	0.98159	(96040204)	372795.62	3756342.50	1.00666	(96040204)
372731.31	3756327.75	1.05064	(96040204)	372707.19	3756351.75	1.05260	(96040204)
372927.97	3756344.00	0.93601	(96040204)	372952.09	3756318.75	0.93595	(96040204)
372951.22	3756244.75	0.96088	(96040204)	372926.66	3756270.00	0.96649	(96040204)
373032.78	3756268.00	0.91595	(96040204)	373138.88	3756266.25	0.86907	(96040204)
373245.00	3756264.25	0.82568	(96040204)	373351.12	3756262.25	0.78540	(96040204)
373457.25	3756260.50	0.75407	(96092604)	373481.81	3756235.00	0.76784	(96052101)
373480.34	3756122.50	0.83950	(96052101)	373478.88	3756009.75	0.84771	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.79241	(96052101)	373475.94	3755784.50	0.76850	(96100822)
373474.47	3755672.00	0.76862	(96100822)	373473.00	3755559.25	0.75323	(96010203)
373447.00	3755534.75	0.78537	(96010203)	373334.22	3755539.25	0.82522	(96010203)
373221.47	3755543.75	0.86174	(96010203)	373197.47	3755568.25	0.85435	(96010203)
373195.91	3755636.25	0.83014	(96051703)	373194.34	3755704.50	0.82901	(96100822)
373219.59	3755680.00	0.81835	(96100822)	373134.91	3755679.00	0.85196	(96051703)
373159.66	3755703.50	0.83847	(96051703)	373157.94	3755634.75	0.84492	(96051703)
373156.22	3755566.00	0.86985	(96010203)	373132.47	3755541.75	0.88951	(96010203)
373055.34	3755537.75	0.90923	(96010203)	373079.06	3755562.25	0.89506	(96010203)
373077.12	3755465.00	0.91068	(96010203)	373075.16	3755368.00	0.89904	(96010105)
373073.19	3755270.75	0.84200	(96010105)	373071.22	3755173.50	0.79862	(96010208)
373046.00	3755149.00	0.80162	(96050503)	372939.09	3755150.00	0.84389	(96050503)
372832.16	3755151.00	0.88375	(96050503)	372725.25	3755152.00	0.91961	(96050503)
372622.81	3755157.25	0.95036	(96050503)	372527.31	3755158.00	0.97124	(96050503)
372430.69	3755159.00	1.00894	(96011018)	372334.09	3755159.75	1.07048	(96011018)
372237.47	3755160.50	1.12504	(96011018)	372138.81	3755161.25	1.16966	(96011018)
372040.12	3755162.25	1.22477	(96053123)	371941.47	3755163.00	1.27362	(96053123)
371842.78	3755163.75	1.29952	(96053123)	371747.72	3755164.50	1.29647	(96053123)
371652.69	3755165.25	1.37870	(96091902)	371557.62	3755166.25	1.48350	(96091902)
371462.59	3755167.00	1.55251	(96091902)	371359.16	3755167.75	1.57312	(96012201)
371255.72	3755168.75	1.56559	(96012201)	371152.25	3755169.50	1.69824	(96103123)
371048.81	3755170.50	1.75121	(96103123)	371024.06	3755196.50	1.78196	(96103123)
371027.69	3755273.25	1.87653	(96103123)	371031.34	3755350.25	1.94684	(96103123)
371019.94	3755375.50	1.97859	(96103123)	371017.91	3755470.00	2.02305	(96103123)
371017.38	3755556.25	2.10595	(96012201)	371040.31	3755531.50	2.06998	(96012201)
371025.97	3755420.25	1.99510	(96103123)	371015.62	3755399.00	2.00010	(96103123)
370915.81	3755327.25	1.93135	(96103123)	370816.03	3755255.25	1.97519	(96050501)
370736.56	3755243.75	2.01409	(96050501)	370669.19	3755237.00	1.95353	(96050501)
370571.06	3755237.25	2.05477	(96090603)	370475.62	3755237.75	2.10566	(96090603)
370380.12	3755238.25	2.05646	(96061404)	370278.66	3755239.00	2.11845	(96041424)
370177.19	3755239.50	2.02738	(96041424)	370075.72	3755240.00	2.07416	(96091403)
369979.41	3755240.50	2.05980	(96091403)	369883.09	3755241.00	1.93340	(96053124)
369786.78	3755241.50	2.01460	(96053124)	369690.47	3755242.00	1.92699	(96053124)
369594.16	3755242.75	1.82523	(96102101)	369497.88	3755243.25	1.85914	(96102101)
369396.38	3755243.75	1.79015	(96021107)	369294.91	3755244.25	1.70142	(96021107)
369193.44	3755244.75	1.65506	(96052003)	369091.97	3755245.25	1.60997	(96052003)
368990.50	3755246.00	1.50462	(96052003)	368889.03	3755246.50	1.38701	(96022901)
368782.41	3755247.00	1.39367	(96092006)	368675.78	3755247.50	1.36103	(96092006)
368569.12	3755248.25	1.29691	(96092006)	368471.00	3755248.75	1.24479	(96010702)
368372.84	3755249.25	1.18949	(96010702)	368274.69	3755249.75	1.12208	(96010702)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.07085	(96011202)	368053.72	3755209.25	1.03027	(96011202)
367940.91	3755188.50	0.98557	(96011202)	367824.03	3755184.75	0.95501	(96051024)
367710.84	3755181.25	0.94195	(96051024)	367597.62	3755177.50	0.90980	(96051024)
367484.44	3755174.00	0.88433	(96011401)	367460.69	3755189.25	0.89250	(96011401)
367415.00	3755295.25	0.88913	(96011401)	367369.31	3755401.25	0.90070	(96010120)
367323.59	3755507.25	0.87200	(96050805)	367483.66	3755199.00	0.89460	(96011401)
367300.88	3755623.25	0.85754	(96050805)	367114.28	3756056.25	0.89665	(96030207)
366984.53	3756357.50	0.86402	(96010805)	366852.91	3756663.00	0.86046	(96090202)
366902.28	3756692.00	0.85670	(96090202)	366875.53	3756760.00	0.84764	(96010303)
366812.69	3756738.50	0.82902	(96012907)	366677.25	3757024.50	0.81139	(96012624)
366536.22	3757322.00	0.81882	(96010204)	366437.28	3757530.75	0.80304	(96010604)
366486.94	3757537.25	0.80605	(96010604)	366623.91	3757468.00	0.82837	(96010604)
366644.38	3757530.75	0.82384	(96010603)	366777.06	3757519.75	0.84384	(96010603)
366998.56	3757642.25	0.87405	(96010721)	367174.25	3757739.50	0.89765	(96050521)
367290.72	3757694.25	0.91189	(96050521)	367412.66	3757694.75	0.91981	(96050521)
367409.81	3757735.75	0.90454	(96050521)	367517.78	3757796.25	0.91888	(96011402)
367539.25	3757802.00	0.91877	(96011402)	367609.12	3757676.75	0.92817	(96020806)
367769.06	3757644.25	0.99847	(96020806)	367774.81	3757718.50	0.97606	(96020806)
367809.47	3757834.50	0.94100	(96063001)	367807.06	3757935.50	0.95164	(96063001)
367774.94	3757958.50	0.93757	(96011023)	367798.12	3758011.00	0.94174	(96063001)
367914.41	3757961.50	0.99948	(96063001)	367904.53	3757930.25	1.00005	(96063001)
368108.69	3757840.25	1.11802	(96063001)	368232.75	3757790.25	1.19824	(96063001)
368308.88	3757761.50	1.25032	(96063001)	368603.38	3757765.00	1.36507	(96010723)
368603.84	3757718.50	1.41705	(96010723)	368769.72	3757798.50	1.51410	(96051123)
369017.16	3757954.25	1.54703	(96102320)	369080.28	3757864.00	1.63604	(96102320)
369224.00	3757952.25	1.71002	(96102320)	369408.72	3757730.00	2.04759	(96102320)
369454.22	3757776.00	1.97901	(96020918)	369264.97	3757996.50	1.63390	(96102320)
369451.62	3758128.00	1.69440	(96052422)	369459.97	3758394.25	1.38011	(96052801)
369853.09	3758394.25	1.55066	(96040623)	369850.44	3758078.00	1.81315	(96052801)
370298.62	3758078.25	1.95223	(96041320)	370297.53	3757962.75	2.10047	(96041320)
370382.34	3757966.00	2.10512	(96010107)	370510.12	3758027.25	2.07106	(96043022)
370505.62	3758087.75	1.98836	(96043022)	370886.41	3758089.00	1.80390	(96042520)
370885.06	3757750.50	2.24243	(96052202)	370907.31	3757701.50	2.30173	(96052202)
370944.91	3757670.00	2.26059	(96052202)	371045.81	3757667.50	2.18185	(96092722)
371046.34	3757585.00	2.31891	(96091123)	371121.66	3757583.50	2.24292	(96091123)
371192.59	3757720.25	2.04571	(96091123)	371253.97	3757762.25	1.94883	(96091123)
371263.66	3757782.50	1.92327	(96091123)	371372.34	3757782.25	1.76837	(96091123)
371399.44	3757806.25	1.72383	(96091123)	371798.31	3758080.25	1.31368	(96010519)
371908.19	3757933.50	1.35639	(96091420)	371964.22	3757921.75	1.31739	(96010521)
371970.19	3757841.50	1.32746	(96010521)	372023.31	3757843.25	1.30237	(96092819)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.44340	(96090804)	372002.41	3757140.25	1.57105	(96010719)
371514.12	3757136.25	2.13305	(96090805)	371034.56	3757132.50	3.25714	(96063022)
371034.44	3757085.25	3.39324	(96062920)	370764.19	3757087.00	4.44786	(96050224)
370754.00	3756817.75	5.80791	(96090723)	371031.47	3756807.25	3.88965	(96091102)
371033.12	3756780.25	3.89742	(96062820)	371483.09	3756770.25	2.30076	(96090120)
371817.25	3756763.00	1.81218	(96051601)	372274.41	3756752.75	1.37631	(96011017)
372713.41	3756743.00	1.09437	(96052323)	372702.62	3756552.50	1.12637	(96052323)
372818.81	3756548.75	1.06217	(96052323)	372814.44	3756455.00	1.02435	(96052323)
372796.75	3756367.50	0.99205	(96040204)	372704.81	3756371.50	1.04227	(96040204)
372706.31	3756326.75	1.06588	(96040204)	372927.09	3756319.25	0.94819	(96040204)
372926.22	3756245.00	0.97311	(96040204)	373456.81	3756235.50	0.77211	(96052101)
373448.00	3755559.75	0.76322	(96010203)	373222.47	3755568.75	0.84503	(96010203)
373219.34	3755705.00	0.82438	(96100822)	373134.66	3755704.00	0.84919	(96051703)
373131.22	3755566.75	0.87745	(96010203)	373054.09	3755562.75	0.90142	(96010203)
373046.22	3755174.00	0.80102	(96010208)	372725.47	3755177.00	0.92639	(96050503)
372624.12	3755182.25	0.96025	(96050503)	372237.69	3755185.50	1.13051	(96011018)
371843.00	3755188.75	1.32211	(96053123)	371462.81	3755192.00	1.57151	(96091902)
371049.03	3755195.50	1.78155	(96103123)	371056.31	3755349.00	1.91479	(96103123)
371043.41	3755384.00	1.95120	(96103123)	371042.38	3755556.25	2.12885	(96091902)
370995.81	3755560.25	2.10964	(96022701)	371001.00	3755419.25	2.03303	(96103123)
370801.41	3755275.50	2.01251	(96050501)	370666.66	3755261.75	1.99373	(96050501)
370380.28	3755263.25	2.09696	(96061404)	370075.88	3755265.00	2.11156	(96091403)
369786.91	3755266.50	2.04818	(96053124)	369498.00	3755268.25	1.88786	(96102101)
369193.59	3755269.75	1.68447	(96052003)	368889.16	3755271.50	1.42057	(96052123)
368569.28	3755273.25	1.30212	(96092006)	368274.84	3755274.75	1.12393	(96011202)
367936.44	3755213.25	0.99072	(96011202)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	4.06426	(96062303)	372498.53	3757611.75	3.67650	(96051204)
372248.53	3757861.75	4.05290	(96062303)	372498.53	3757861.75	3.72873	(96062303)
372248.53	3758111.75	3.88979	(96010104)	372498.53	3758111.75	3.36248	(96012023)
372248.53	3758361.75	3.56810	(96032723)	372498.53	3758361.75	3.36488	(96010104)
373792.78	3755334.75	2.38680	(96010203)	374092.78	3755334.75	2.08491	(96010203)
373792.78	3755709.75	2.19471	(96052101)	374092.78	3755709.75	2.11015	(96052101)
373792.78	3756084.75	2.54485	(96052101)	374092.78	3756084.75	2.28595	(96052101)
373792.78	3756459.75	2.48900	(96052201)	374092.78	3756459.75	2.27247	(96052201)
373792.78	3756834.75	2.44728	(96052201)	374092.78	3756834.75	2.23887	(96052201)
373792.78	3757209.75	2.47853	(96051805)	374092.78	3757209.75	2.23206	(96051805)
373792.78	3757584.75	2.16679	(96040404)	374092.78	3757584.75	2.00675	(96051805)
373792.78	3757959.75	2.41008	(96040404)	374092.78	3757959.75	2.20579	(96040404)
373792.78	3758334.75	2.06083	(96062303)	374092.78	3758334.75	1.92286	(96040404)
373792.78	3758709.75	2.18155	(96062303)	374092.78	3758709.75	1.99703	(96062303)
370479.03	3756653.75	25.07216	(96010718)	367277.91	3755613.50	2.93787	(96050805)
367231.25	3755721.75	2.88398	(96012702)	367184.62	3755830.00	2.86174	(96010201)
367137.97	3755938.25	2.89676	(96010801)	367091.34	3756046.50	2.90657	(96010801)
367048.09	3756146.75	2.84897	(96030207)	367004.81	3756247.25	2.78551	(96010804)
366961.56	3756347.50	2.80291	(96010804)	366917.69	3756449.50	2.78682	(96010805)
366873.81	3756551.25	2.70655	(96010805)	366829.94	3756653.00	2.64636	(96090202)
366840.22	3756684.50	2.64604	(96090202)	366889.59	3756713.50	2.67422	(96090202)
366879.00	3756682.75	2.68232	(96090202)	366852.25	3756751.00	2.65981	(96010303)
366883.62	3756736.50	2.67301	(96010303)	366820.78	3756715.00	2.61128	(96090202)
366790.12	3756728.00	2.57541	(96010303)	366744.97	3756823.25	2.61550	(96010303)
366699.81	3756918.50	2.58005	(96010303)	366654.66	3757013.75	2.47684	(96010303)
366607.66	3757113.00	2.45525	(96012624)	366560.62	3757212.00	2.41895	(96010204)
366513.62	3757311.25	2.39013	(96010204)	366464.16	3757415.75	2.33650	(96010202)
366414.69	3757520.00	2.29896	(96010604)	366434.03	3757555.50	2.30229	(96010604)
366483.69	3757562.00	2.32995	(96010604)	366566.69	3757525.00	2.40004	(96010604)
366620.62	3757538.50	2.42816	(96010604)	366646.41	3757555.50	2.44952	(96010603)
366712.75	3757550.25	2.50462	(96010603)	366779.09	3757544.75	2.56072	(96010603)
366838.81	3757582.50	2.59952	(96010603)	366912.62	3757623.25	2.62129	(96010603)
366986.47	3757664.25	2.69492	(96010721)	367074.31	3757712.75	2.75642	(96010721)
367162.16	3757761.25	2.81815	(96050521)	367299.75	3757717.75	2.96693	(96050521)
367384.88	3757734.00	3.03481	(96050521)	367397.59	3757757.50	3.02458	(96011402)
367505.56	3757818.00	3.15808	(96011402)	367532.81	3757826.00	3.17903	(96011402)
367561.06	3757814.00	3.21577	(96011402)	367596.03	3757751.50	3.29008	(96011402)
367630.97	3757689.00	3.33706	(96011402)	367694.09	3757685.00	3.43141	(96011402)
367749.88	3757720.50	3.49202	(96011402)	367785.50	3757841.75	3.39292	(96011023)
367782.09	3757935.00	3.40803	(96011023)	367752.06	3757968.50	3.35493	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	3.32588	(96011023)	367807.91	3758034.00	3.32669	(96011023)
367866.06	3758009.25	3.40025	(96011023)	367924.19	3757984.50	3.47552	(96011023)
367938.25	3757954.00	3.54211	(96011023)	367928.38	3757922.75	3.58362	(96011023)
367914.62	3757953.25	3.52745	(96011023)	368016.69	3757908.25	3.67792	(96011023)
368118.78	3757863.25	3.83623	(96011023)	368180.06	3757838.50	3.92928	(96011023)
368242.09	3757813.50	4.02475	(96011023)	368317.75	3757784.75	4.13687	(96011023)
368406.72	3757787.75	4.17422	(96011223)	368504.88	3757788.75	4.48716	(96011223)
368603.06	3757790.00	4.72815	(96011223)	368628.38	3757765.25	4.80470	(96011223)
368675.91	3757781.00	4.86246	(96011223)	368758.84	3757821.00	4.82126	(96012823)
368838.88	3757871.50	4.71100	(96012823)	368921.38	3757923.50	5.00501	(96010302)
369003.84	3757975.50	5.16289	(96010302)	369037.66	3757968.75	5.20154	(96010302)
369100.78	3757878.25	5.51602	(96010302)	369067.19	3757885.25	5.45713	(96010302)
369139.03	3757929.50	5.48573	(96050523)	369210.91	3757973.75	5.47139	(96050523)
369243.25	3757968.25	5.51240	(96020718)	369304.81	3757894.25	5.80881	(96020718)
369366.38	3757820.00	6.12498	(96020718)	369436.44	3757793.50	6.29386	(96020718)
369435.25	3757759.75	6.42781	(96020718)	369250.56	3758016.75	5.40755	(96020718)
369343.91	3758082.50	4.97165	(96020718)	369437.25	3758148.25	4.71992	(96020206)
369429.41	3758217.50	4.58708	(96020206)	369432.19	3758306.25	4.40334	(96020206)
369434.97	3758395.00	4.17770	(96020206)	369459.97	3758419.25	4.08678	(96020206)
369558.25	3758419.25	4.20707	(96021424)	369656.53	3758419.25	4.59002	(96021424)
369754.81	3758419.25	4.69955	(96021424)	369853.09	3758419.25	4.49175	(96021424)
369878.09	3758394.00	4.46701	(96021424)	369877.19	3758288.75	4.80426	(96021424)
369876.31	3758183.25	5.14806	(96021424)	369962.47	3758103.00	5.30785	(96020323)
370074.53	3758103.00	5.84538	(96020323)	370186.59	3758103.00	5.74320	(96052424)
370298.62	3758103.25	5.94476	(96052424)	370323.62	3758078.00	5.94777	(96010720)
370381.38	3757991.00	6.14929	(96011020)	370435.41	3758019.25	6.39739	(96011020)
370499.31	3758049.75	6.38816	(96011020)	370485.19	3758025.25	6.47600	(96011020)
370480.69	3758086.00	6.27315	(96011020)	370505.53	3758112.75	6.18859	(96011020)
370600.72	3758113.25	5.77635	(96011020)	370695.94	3758113.50	4.96141	(96010922)
370791.12	3758113.75	4.69737	(96011823)	370886.34	3758114.00	4.77650	(96011823)
370911.41	3758089.00	4.95852	(96033002)	370910.97	3757976.00	5.68088	(96033002)
370910.53	3757863.25	6.34369	(96033002)	370910.06	3757750.50	6.82418	(96033002)
370930.06	3757711.75	6.82999	(96033002)	370960.91	3757689.25	6.60291	(96033002)
371046.47	3757692.50	6.46503	(96021303)	371070.81	3757667.50	6.63439	(96021303)
371071.34	3757585.25	6.84169	(96021303)	371046.88	3757610.00	6.86339	(96021303)
371122.22	3757608.50	6.57872	(96021303)	371099.47	3757595.00	6.70111	(96021303)
371134.94	3757663.25	6.51650	(96021303)	371170.41	3757731.75	6.30117	(96021303)
371239.88	3757782.75	6.00526	(96021303)	371263.72	3757807.50	5.89588	(96021303)
371372.38	3757807.25	5.29425	(96021303)	371385.28	3757826.75	5.25738	(96021303)
371485.00	3757895.25	4.77875	(96021303)	371584.72	3757963.75	4.43850	(96032723)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	4.30890	(96032723)	371784.16	3758100.75	4.16482	(96032723)
371818.31	3758095.25	4.23097	(96032723)	371873.25	3758021.75	4.45481	(96032723)
371928.19	3757948.50	4.51705	(96011322)	371969.34	3757946.25	4.47489	(96010104)
371989.16	3757923.75	4.47930	(96010104)	371995.12	3757843.25	4.47851	(96010104)
371969.38	3757866.50	4.55746	(96010104)	372022.50	3757868.25	4.41383	(96010104)
372048.31	3757843.00	4.30378	(96010104)	372047.16	3757745.75	4.48730	(96062303)
372046.03	3757648.50	4.68246	(96062303)	372044.88	3757551.25	4.63004	(96062303)
372040.50	3757447.75	4.43667	(96051204)	372036.12	3757345.00	4.93227	(96051204)
372031.75	3757242.00	5.09315	(96051204)	372027.38	3757139.25	4.84529	(96051204)
372002.59	3757115.25	4.82422	(96051204)	371880.53	3757114.25	5.32210	(96051204)
371758.47	3757113.25	5.82274	(96051204)	371636.38	3757112.25	6.28672	(96051204)
371514.31	3757111.25	6.64781	(96051204)	371394.41	3757110.25	6.80399	(96051204)
371274.53	3757109.50	6.78389	(96021524)	371154.62	3757108.50	7.57639	(96062303)
371034.75	3757107.50	7.86593	(96090423)	371059.56	3757132.50	7.72631	(96011523)
371059.44	3757085.25	7.90143	(96090423)	371034.31	3757060.25	8.00216	(96090423)
370944.22	3757060.75	8.13803	(96010419)	370854.12	3757061.25	9.01986	(96011219)
370764.03	3757062.00	10.10986	(96101022)	370789.16	3757086.00	9.58541	(96101022)
370785.78	3756996.25	10.30824	(96010419)	370782.38	3756906.50	11.25199	(96090906)
370778.97	3756816.75	12.05865	(96100603)	370754.94	3756842.75	12.04094	(96100603)
370847.44	3756839.25	10.77685	(96100603)	370939.91	3756835.75	9.23184	(96100603)
371032.41	3756832.25	8.16527	(96020204)	371056.41	3756808.75	8.07200	(96090306)
371058.09	3756781.75	8.21264	(96090306)	371033.69	3756805.25	8.23580	(96090903)
371146.19	3756802.75	7.99290	(96051805)	371258.66	3756800.25	7.71747	(96051805)
371371.16	3756797.75	7.29518	(96051805)	371483.62	3756795.25	6.81522	(96051805)
371595.03	3756793.00	6.33245	(96051805)	371706.41	3756790.50	5.86454	(96051805)
371817.78	3756788.00	5.42485	(96051805)	371932.09	3756785.50	5.03272	(96052201)
372046.38	3756783.00	4.82891	(96052201)	372160.66	3756780.25	4.62683	(96052201)
372274.97	3756777.75	4.42742	(96052201)	372384.72	3756775.50	4.24187	(96052201)
372494.47	3756773.00	4.06517	(96052201)	372604.22	3756770.50	3.89672	(96052201)
372713.97	3756768.00	3.73675	(96052201)	372738.38	3756741.75	3.76898	(96052201)
372732.97	3756646.50	3.90494	(96052201)	372819.62	3756573.75	3.72905	(96052201)
372843.78	3756547.75	3.65471	(96052201)	372839.41	3756453.75	3.42354	(96052201)
372821.25	3756362.50	3.42401	(96052101)	372795.62	3756342.50	3.52544	(96052101)
372731.31	3756327.75	3.68043	(96052101)	372707.19	3756351.75	3.66565	(96052101)
372927.97	3756344.00	3.29198	(96052101)	372952.09	3756318.75	3.31412	(96052101)
372951.22	3756244.75	3.44193	(96052101)	372926.66	3756270.00	3.44787	(96052101)
373032.78	3756268.00	3.28408	(96052101)	373138.88	3756266.25	3.12980	(96052101)
373245.00	3756264.25	2.98522	(96052101)	373351.12	3756262.25	2.84945	(96052101)
373457.25	3756260.50	2.72152	(96052101)	373481.81	3756235.00	2.73281	(96052101)
373480.34	3756122.50	2.83963	(96052101)	373478.88	3756009.75	2.82060	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.68143	(96052101)	373475.94	3755784.50	2.44204	(96052101)
373474.47	3755672.00	2.35274	(96010203)	373473.00	3755559.25	2.56193	(96010203)
373447.00	3755534.75	2.63066	(96010203)	373334.22	3755539.25	2.78248	(96010203)
373221.47	3755543.75	2.93497	(96010203)	373197.47	3755568.25	2.95081	(96010203)
373195.91	3755636.25	2.87370	(96010203)	373194.34	3755704.50	2.75075	(96010203)
373219.59	3755680.00	2.75697	(96010203)	373134.91	3755679.00	2.90717	(96010203)
373159.66	3755703.50	2.81524	(96010203)	373157.94	3755634.75	2.93844	(96010203)
373156.22	3755566.00	3.01173	(96010203)	373132.47	3755541.75	3.05589	(96010203)
373055.34	3755537.75	3.15482	(96010203)	373079.06	3755562.25	3.12126	(96010203)
373077.12	3755465.00	3.10183	(96010105)	373075.16	3755368.00	3.03530	(96010105)
373073.19	3755270.75	2.87550	(96010105)	373071.22	3755173.50	2.64200	(96010105)
373046.00	3755149.00	2.56389	(96010105)	372939.09	3755150.00	2.60849	(96012523)
372832.16	3755151.00	2.64373	(96012523)	372725.25	3755152.00	2.65211	(96012523)
372622.81	3755157.25	2.64223	(96012523)	372527.31	3755158.00	2.75231	(96062304)
372430.69	3755159.00	3.08235	(96062304)	372334.09	3755159.75	3.41035	(96062304)
372237.47	3755160.50	3.71917	(96062304)	372138.81	3755161.25	3.99289	(96062304)
372040.12	3755162.25	4.19895	(96062304)	371941.47	3755163.00	4.30910	(96062304)
371842.78	3755163.75	4.29658	(96062304)	371747.72	3755164.50	4.38989	(96010523)
371652.69	3755165.25	4.72454	(96010523)	371557.62	3755166.25	4.90291	(96010523)
371462.59	3755167.00	5.01005	(96020705)	371359.16	3755167.75	5.04266	(96020705)
371255.72	3755168.75	4.84988	(96032604)	371152.25	3755169.50	5.31836	(96032604)
371048.81	3755170.50	5.40735	(96032604)	371024.06	3755196.50	5.47118	(96032604)
371027.69	3755273.25	5.76227	(96032604)	371031.34	3755350.25	5.95785	(96032604)
371019.94	3755375.50	6.03712	(96032604)	371017.91	3755470.00	6.11298	(96032604)
371017.38	3755556.25	6.22172	(96020705)	371040.31	3755531.50	6.15895	(96020705)
371025.97	3755420.25	6.06498	(96032604)	371015.62	3755399.00	6.08898	(96032604)
370915.81	3755327.25	6.07586	(96020403)	370816.03	3755255.25	6.00980	(96020403)
370736.56	3755243.75	5.48222	(96020403)	370669.19	3755237.00	4.75475	(96020403)
370571.06	3755237.25	5.01294	(96011003)	370475.62	3755237.75	5.11438	(96011003)
370380.12	3755238.25	4.77666	(96011003)	370278.66	3755239.00	5.45463	(96010119)
370177.19	3755239.50	5.85364	(96010119)	370075.72	3755240.00	5.52727	(96010119)
369979.41	3755240.50	5.92794	(96020703)	369883.09	3755241.00	5.94156	(96020703)
369786.78	3755241.50	6.23919	(96011123)	369690.47	3755242.00	6.16641	(96011123)
369594.16	3755242.75	5.59696	(96010121)	369497.88	3755243.25	5.87658	(96010121)
369396.38	3755243.75	6.72262	(96020304)	369294.91	3755244.25	8.59241	(96020304)
369193.44	3755244.75	9.20560	(96020304)	369091.97	3755245.25	8.49053	(96020304)
368990.50	3755246.00	6.89165	(96020304)	368889.03	3755246.50	5.02044	(96020304)
368782.41	3755247.00	4.54334	(96061901)	368675.78	3755247.50	4.54647	(96061901)
368569.12	3755248.25	4.38868	(96010722)	368471.00	3755248.75	4.26613	(96010722)
368372.84	3755249.25	4.08658	(96011102)	368274.69	3755249.75	3.91930	(96011102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	3.68720	(96011102)	368053.72	3755209.25	3.50362	(96041102)
367940.91	3755188.50	3.43299	(96041102)	367824.03	3755184.75	3.35264	(96041102)
367710.84	3755181.25	3.23223	(96041102)	367597.62	3755177.50	3.08105	(96041102)
367484.44	3755174.00	2.95418	(96011401)	367460.69	3755189.25	2.96151	(96011401)
367415.00	3755295.25	2.98081	(96011401)	367369.31	3755401.25	2.96693	(96010120)
367323.59	3755507.25	2.95303	(96050805)	367483.66	3755199.00	2.98679	(96011401)
367300.88	3755623.25	2.96318	(96050805)	367114.28	3756056.25	2.93169	(96030207)
366984.53	3756357.50	2.82553	(96010804)	366852.91	3756663.00	2.66518	(96090202)
366902.28	3756692.00	2.69946	(96090202)	366875.53	3756760.00	2.69133	(96010303)
366812.69	3756738.50	2.60880	(96010303)	366677.25	3757024.50	2.48044	(96010303)
366536.22	3757322.00	2.40299	(96010204)	366437.28	3757530.75	2.31211	(96010604)
366486.94	3757537.25	2.34278	(96010604)	366623.91	3757468.00	2.45674	(96010604)
366644.38	3757530.75	2.44811	(96010604)	366777.06	3757519.75	2.55725	(96010603)
366998.56	3757642.25	2.70490	(96010721)	367174.25	3757739.50	2.83508	(96050521)
367290.72	3757694.25	2.96391	(96050521)	367412.66	3757694.75	3.09133	(96050521)
367409.81	3757735.75	3.05369	(96050521)	367517.78	3757796.25	3.18215	(96011402)
367539.25	3757802.00	3.20257	(96011402)	367609.12	3757676.75	3.29670	(96011402)
367769.06	3757644.25	3.54215	(96011402)	367774.81	3757718.50	3.52216	(96011402)
367809.47	3757834.50	3.43288	(96011023)	367807.06	3757935.50	3.43960	(96011023)
367774.94	3757958.50	3.38755	(96011023)	367798.12	3758011.00	3.35648	(96011023)
367914.41	3757961.50	3.51361	(96011023)	367904.53	3757930.25	3.55164	(96011023)
368108.69	3757840.25	3.87531	(96011023)	368232.75	3757790.25	4.07946	(96011023)
368308.88	3757761.50	4.20349	(96011023)	368603.38	3757765.00	4.74759	(96011223)
368603.84	3757718.50	4.74115	(96011223)	368769.72	3757798.50	4.87472	(96012823)
369017.16	3757954.25	5.22966	(96010302)	369080.28	3757864.00	5.52401	(96010302)
369224.00	3757952.25	5.55011	(96050523)	369408.72	3757730.00	6.43290	(96020718)
369454.22	3757776.00	6.36686	(96020718)	369264.97	3757996.50	5.48007	(96020718)
369451.62	3758128.00	4.79258	(96020206)	369459.97	3758394.25	4.16109	(96020206)
369853.09	3758394.25	4.56694	(96021424)	369850.44	3758078.00	5.51704	(96021424)
370298.62	3758078.25	6.01537	(96052424)	370297.53	3757962.75	6.34807	(96052424)
370382.34	3757966.00	6.25698	(96011020)	370510.12	3758027.25	6.43565	(96011020)
370505.62	3758087.75	6.26466	(96011020)	370886.41	3758089.00	4.84452	(96011823)
370885.06	3757750.50	6.83231	(96033002)	370907.31	3757701.50	6.94316	(96033002)
370944.91	3757670.00	6.70582	(96033002)	371045.81	3757667.50	6.60967	(96021303)
371046.34	3757585.00	6.93058	(96021303)	371121.66	3757583.50	6.54197	(96021303)
371192.59	3757720.25	6.23758	(96021303)	371253.97	3757762.25	5.94687	(96021303)
371263.66	3757782.50	5.90425	(96021303)	371372.34	3757782.25	5.21706	(96021303)
371399.44	3757806.25	5.09653	(96021303)	371798.31	3758080.25	4.27020	(96032723)
371908.19	3757933.50	4.56962	(96011322)	371964.22	3757921.75	4.52231	(96010104)
371970.19	3757841.50	4.55210	(96010104)	372023.31	3757843.25	4.38857	(96010104)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	4.71702	(96062303)	372002.41	3757140.25	4.94641	(96051204)
371514.12	3757136.25	6.53919	(96051204)	371034.56	3757132.50	7.70575	(96011523)
371034.44	3757085.25	7.97365	(96090423)	370764.19	3757087.00	9.82457	(96011321)
370754.00	3756817.75	12.48354	(96100603)	371031.47	3756807.25	8.23920	(96090903)
371033.12	3756780.25	8.41450	(96090903)	371483.09	3756770.25	6.64357	(96051805)
371817.25	3756763.00	5.46342	(96052201)	372274.41	3756752.75	4.54686	(96052201)
372713.41	3756743.00	3.80461	(96052201)	372702.62	3756552.50	3.88283	(96052201)
372818.81	3756548.75	3.69376	(96052201)	372814.44	3756455.00	3.45915	(96052201)
372796.75	3756367.50	3.45308	(96052101)	372704.81	3756371.50	3.61234	(96052101)
372706.31	3756326.75	3.73005	(96052101)	372927.09	3756319.25	3.35412	(96052101)
372926.22	3756245.00	3.48098	(96052101)	373456.81	3756235.50	2.76163	(96052101)
373448.00	3755559.75	2.59701	(96010203)	373222.47	3755568.75	2.91407	(96010203)
373219.34	3755705.00	2.70513	(96010203)	373134.66	3755704.00	2.85955	(96010203)
373131.22	3755566.75	3.04677	(96010203)	373054.09	3755562.75	3.15495	(96010203)
373046.22	3755174.00	2.63551	(96010105)	372725.47	3755177.00	2.70710	(96012523)
372624.12	3755182.25	2.70942	(96012523)	372237.69	3755185.50	3.68025	(96062304)
371843.00	3755188.75	4.38945	(96062304)	371462.81	3755192.00	5.04720	(96020705)
371049.03	3755195.50	5.50085	(96032604)	371056.31	3755349.00	5.87108	(96032604)
371043.41	3755384.00	5.95832	(96032604)	371042.38	3755556.25	6.34877	(96020705)
370995.81	3755560.25	6.15683	(96032604)	371001.00	3755419.25	6.17131	(96032604)
370801.41	3755275.50	6.05438	(96020403)	370666.66	3755261.75	4.87875	(96020403)
370380.28	3755263.25	4.87409	(96011003)	370075.88	3755265.00	5.56678	(96010119)
369786.91	3755266.50	6.34885	(96011123)	369498.00	3755268.25	5.96156	(96010121)
369193.59	3755269.75	9.28482	(96020304)	368889.16	3755271.50	4.69719	(96020707)
368569.28	3755273.25	4.44177	(96010722)	368274.84	3755274.75	3.91471	(96011102)
367936.44	3755213.25	3.47541	(96041102)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	20.06397	(96062303)	372498.53	3757611.75	16.46887	(96062303)
372248.53	3757861.75	18.33854	(96010104)	372498.53	3757861.75	16.59500	(96062303)
372248.53	3758111.75	17.42289	(96010104)	372498.53	3758111.75	15.57076	(96010104)
372248.53	3758361.75	15.05844	(96011322)	372498.53	3758361.75	14.44453	(96011322)
373792.78	3755334.75	9.75714	(96010203)	374092.78	3755334.75	8.33830	(96010203)
373792.78	3755709.75	9.69310	(96052101)	374092.78	3755709.75	8.93834	(96052101)
373792.78	3756084.75	10.30306	(96052101)	374092.78	3756084.75	9.04861	(96052101)
373792.78	3756459.75	10.67637	(96052201)	374092.78	3756459.75	9.53025	(96052201)
373792.78	3756834.75	9.73134	(96052201)	374092.78	3756834.75	8.77612	(96052201)
373792.78	3757209.75	10.10131	(96051805)	374092.78	3757209.75	9.04823	(96051805)
373792.78	3757584.75	9.58792	(96040404)	374092.78	3757584.75	8.15712	(96040404)
373792.78	3757959.75	9.58434	(96040404)	374092.78	3757959.75	8.81235	(96040404)
373792.78	3758334.75	8.74456	(96062303)	374092.78	3758334.75	7.36189	(96062303)
373792.78	3758709.75	8.48693	(96062303)	374092.78	3758709.75	7.88487	(96062303)
370479.03	3756653.75	213.15608	(96013016)	367277.91	3755613.50	12.38001	(96012702)
367231.25	3755721.75	11.91875	(96012702)	367184.62	3755830.00	12.29684	(96010801)
367137.97	3755938.25	12.43290	(96010801)	367091.34	3756046.50	12.22865	(96030207)
367048.09	3756146.75	11.70076	(96010804)	367004.81	3756247.25	11.78365	(96010804)
366961.56	3756347.50	11.80680	(96010805)	366917.69	3756449.50	11.55371	(96010805)
366873.81	3756551.25	10.96999	(96010805)	366829.94	3756653.00	10.94764	(96010303)
366840.22	3756684.50	11.10892	(96010303)	366889.59	3756713.50	11.42095	(96010303)
366879.00	3756682.75	11.28599	(96010303)	366852.25	3756751.00	11.30633	(96010303)
366883.62	3756736.50	11.43557	(96010303)	366820.78	3756715.00	11.10099	(96010303)
366790.12	3756728.00	10.98826	(96010303)	366744.97	3756823.25	10.83560	(96010303)
366699.81	3756918.50	10.45121	(96010303)	366654.66	3757013.75	10.19156	(96012624)
366607.66	3757113.00	9.99518	(96010204)	366560.62	3757212.00	9.85991	(96010204)
366513.62	3757311.25	9.56631	(96010202)	366464.16	3757415.75	9.44726	(96010604)
366414.69	3757520.00	9.16707	(96010604)	366434.03	3757555.50	9.20738	(96010603)
366483.69	3757562.00	9.36817	(96010603)	366566.69	3757525.00	9.66887	(96010603)
366620.62	3757538.50	9.85077	(96010603)	366646.41	3757555.50	9.91897	(96010603)
366712.75	3757550.25	10.15505	(96010603)	366779.09	3757544.75	10.39735	(96010603)
366838.81	3757582.50	10.48541	(96010603)	366912.62	3757623.25	10.73040	(96010721)
366986.47	3757664.25	10.97276	(96010721)	367074.31	3757712.75	11.16155	(96050521)
367162.16	3757761.25	11.54553	(96011402)	367299.75	3757717.75	12.31384	(96011402)
367384.88	3757734.00	12.84926	(96011402)	367397.59	3757757.50	12.90364	(96011402)
367505.56	3757818.00	13.24055	(96011402)	367532.81	3757826.00	13.30583	(96011402)
367561.06	3757814.00	13.49291	(96011402)	367596.03	3757751.50	14.00047	(96011402)
367630.97	3757689.00	14.44292	(96011402)	367694.09	3757685.00	14.85093	(96011402)
367749.88	3757720.50	14.96479	(96011402)	367785.50	3757841.75	14.90959	(96011023)
367782.09	3757935.00	14.56903	(96011023)	367752.06	3757968.50	14.23739	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	13.96431	(96011023)	367807.91	3758034.00	13.94524	(96011023)
367866.06	3758009.25	14.32279	(96011023)	367924.19	3757984.50	14.71517	(96011023)
367938.25	3757954.00	15.07305	(96011023)	367928.38	3757922.75	15.33607	(96011023)
367914.62	3757953.25	15.00650	(96011023)	368016.69	3757908.25	15.80170	(96011023)
368118.78	3757863.25	16.66314	(96011023)	368180.06	3757838.50	17.18320	(96011023)
368242.09	3757813.50	17.73087	(96011023)	368317.75	3757784.75	18.42070	(96011223)
368406.72	3757787.75	19.70228	(96011223)	368504.88	3757788.75	20.96250	(96011223)
368603.06	3757790.00	21.97449	(96011223)	368628.38	3757765.25	22.52233	(96011223)
368675.91	3757781.00	22.67576	(96011223)	368758.84	3757821.00	22.59948	(96012823)
368838.88	3757871.50	23.48552	(96010302)	368921.38	3757923.50	25.00384	(96010302)
369003.84	3757975.50	25.14680	(96010302)	369037.66	3757968.75	25.42955	(96010302)
369100.78	3757878.25	27.81087	(96010302)	369067.19	3757885.25	27.41681	(96010302)
369139.03	3757929.50	27.06200	(96050523)	369210.91	3757973.75	26.64115	(96050523)
369243.25	3757968.25	26.76675	(96050523)	369304.81	3757894.25	28.85461	(96050523)
369366.38	3757820.00	31.24344	(96050523)	369436.44	3757793.50	32.16024	(96020718)
369435.25	3757759.75	33.30228	(96050523)	369250.56	3758016.75	25.40274	(96020718)
369343.91	3758082.50	23.46750	(96020718)	369437.25	3758148.25	20.90017	(96020206)
369429.41	3758217.50	19.95534	(96020206)	369432.19	3758306.25	18.80762	(96020206)
369434.97	3758395.00	17.60864	(96020206)	369459.97	3758419.25	17.85005	(96021424)
369558.25	3758419.25	19.76581	(96021424)	369656.53	3758419.25	21.10509	(96021424)
369754.81	3758419.25	21.67151	(96021424)	369853.09	3758419.25	21.34250	(96021424)
369878.09	3758394.00	21.58734	(96021424)	369877.19	3758288.75	23.73035	(96021424)
369876.31	3758183.25	26.14237	(96021424)	369962.47	3758103.00	27.34153	(96021424)
370074.53	3758103.00	29.13228	(96020323)	370186.59	3758103.00	30.43234	(96052424)
370298.62	3758103.25	31.67693	(96052424)	370323.62	3758078.00	32.27446	(96052424)
370381.38	3757991.00	34.67743	(96011020)	370435.41	3758019.25	35.35938	(96011020)
370499.31	3758049.75	35.14375	(96011020)	370485.19	3758025.25	35.89993	(96011020)
370480.69	3758086.00	33.83562	(96011020)	370505.53	3758112.75	33.18288	(96011020)
370600.72	3758113.25	32.31039	(96011020)	370695.94	3758113.50	29.24419	(96011020)
370791.12	3758113.75	24.69251	(96011020)	370886.34	3758114.00	23.78951	(96033002)
370911.41	3758089.00	25.58817	(96033002)	370910.97	3757976.00	30.16400	(96033002)
370910.53	3757863.25	35.25441	(96033002)	370910.06	3757750.50	40.67868	(96033002)
370930.06	3757711.75	42.39079	(96033002)	370960.91	3757689.25	42.65400	(96033002)
371046.47	3757692.50	39.13207	(96033002)	371070.81	3757667.50	38.04565	(96033002)
371071.34	3757585.25	41.81946	(96021303)	371046.88	3757610.00	40.71659	(96021303)
371122.22	3757608.50	39.97560	(96021303)	371099.47	3757595.00	40.94333	(96021303)
371134.94	3757663.25	37.71954	(96021303)	371170.41	3757731.75	34.83696	(96021303)
371239.88	3757782.75	32.57661	(96021303)	371263.72	3757807.50	31.63558	(96021303)
371372.38	3757807.25	29.63276	(96021303)	371385.28	3757826.75	29.09627	(96021303)
371485.00	3757895.25	26.12284	(96021303)	371584.72	3757963.75	23.47903	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	21.13821	(96021303)	371784.16	3758100.75	19.06936	(96021303)
371818.31	3758095.25	18.75334	(96032723)	371873.25	3758021.75	20.25353	(96011322)
371928.19	3757948.50	21.27492	(96011322)	371969.34	3757946.25	20.97801	(96011322)
371989.16	3757923.75	20.99078	(96011322)	371995.12	3757843.25	21.87315	(96010104)
371969.38	3757866.50	21.88679	(96010104)	372022.50	3757868.25	21.35800	(96010104)
372048.31	3757843.00	21.23522	(96010104)	372047.16	3757745.75	21.42479	(96010104)
372046.03	3757648.50	22.15138	(96062303)	372044.88	3757551.25	23.19998	(96062303)
372040.50	3757447.75	23.38136	(96062303)	372036.12	3757345.00	23.56096	(96040404)
372031.75	3757242.00	25.68913	(96040404)	372027.38	3757139.25	26.48346	(96040404)
372002.59	3757115.25	26.98669	(96040404)	371880.53	3757114.25	29.89148	(96040404)
371758.47	3757113.25	32.94109	(96040404)	371636.38	3757112.25	36.00133	(96040404)
371514.31	3757111.25	38.82888	(96040404)	371394.41	3757110.25	44.48215	(96062303)
371274.53	3757109.50	52.09319	(96062303)	371154.62	3757108.50	58.81187	(96062303)
371034.75	3757107.50	71.23245	(96010104)	371059.56	3757132.50	67.39493	(96010104)
371059.44	3757085.25	69.00389	(96010104)	371034.31	3757060.25	72.41914	(96010104)
370944.22	3757060.75	84.39880	(96010104)	370854.12	3757061.25	90.52097	(96032723)
370764.03	3757062.00	85.55695	(96021303)	370789.16	3757086.00	82.27347	(96021303)
370785.78	3756996.25	106.96597	(96032723)	370782.38	3756906.50	123.47864	(96010104)
370778.97	3756816.75	123.29744	(96062303)	370754.94	3756842.75	122.98418	(96062303)
370847.44	3756839.25	108.64582	(96062303)	370939.91	3756835.75	92.84417	(96040404)
371032.41	3756832.25	86.53073	(96040404)	371056.41	3756808.75	83.64340	(96040404)
371058.09	3756781.75	77.73018	(96040404)	371033.69	3756805.25	87.03220	(96040404)
371146.19	3756802.75	68.75546	(96040404)	371258.66	3756800.25	56.82489	(96040404)
371371.16	3756797.75	50.48545	(96051805)	371483.62	3756795.25	44.86773	(96051805)
371595.03	3756793.00	39.98215	(96051805)	371706.41	3756790.50	35.79826	(96051805)
371817.78	3756788.00	32.19267	(96051805)	371932.09	3756785.50	28.99479	(96051805)
372046.38	3756783.00	26.22548	(96051805)	372160.66	3756780.25	23.81282	(96051805)
372274.97	3756777.75	21.70622	(96051805)	372384.72	3756775.50	19.92836	(96051805)
372494.47	3756773.00	18.34992	(96051805)	372604.22	3756770.50	17.20085	(96052201)
372713.97	3756768.00	16.28540	(96052201)	372738.38	3756741.75	16.46602	(96052201)
372732.97	3756646.50	17.52639	(96052201)	372819.62	3756573.75	17.00160	(96052201)
372843.78	3756547.75	16.78895	(96052201)	372839.41	3756453.75	16.46917	(96052201)
372821.25	3756362.50	15.70406	(96052201)	372795.62	3756342.50	15.63268	(96052201)
372731.31	3756327.75	16.22483	(96052101)	372707.19	3756351.75	16.49255	(96052201)
372927.97	3756344.00	14.67289	(96052201)	372952.09	3756318.75	14.19504	(96052101)
372951.22	3756244.75	14.89075	(96052101)	372926.66	3756270.00	14.90564	(96052101)
373032.78	3756268.00	14.00949	(96052101)	373138.88	3756266.25	13.19092	(96052101)
373245.00	3756264.25	12.44452	(96052101)	373351.12	3756262.25	11.76051	(96052101)
373457.25	3756260.50	11.13015	(96052101)	373481.81	3756235.00	11.17436	(96052101)
373480.34	3756122.50	11.77202	(96052101)	373478.88	3756009.75	11.95754	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	11.71946	(96052101)	373475.94	3755784.50	11.09166	(96052101)
373474.47	3755672.00	10.14951	(96052101)	373473.00	3755559.25	10.64122	(96010203)
373447.00	3755534.75	10.96118	(96010203)	373334.22	3755539.25	11.72124	(96010203)
373221.47	3755543.75	12.52181	(96010203)	373197.47	3755568.25	12.59830	(96010203)
373195.91	3755636.25	12.21583	(96010203)	373194.34	3755704.50	11.67836	(96010203)
373219.59	3755680.00	11.67925	(96010203)	373134.91	3755679.00	12.41699	(96010203)
373159.66	3755703.50	11.98971	(96010203)	373157.94	3755634.75	12.54344	(96010203)
373156.22	3755566.00	12.92882	(96010203)	373132.47	3755541.75	13.19730	(96010203)
373055.34	3755537.75	13.79330	(96010203)	373079.06	3755562.25	13.55015	(96010203)
373077.12	3755465.00	13.66663	(96010203)	373075.16	3755368.00	13.47204	(96010105)
373073.19	3755270.75	13.05861	(96010105)	373071.22	3755173.50	12.33858	(96010105)
373046.00	3755149.00	12.15149	(96010105)	372939.09	3755150.00	12.25924	(96010105)
372832.16	3755151.00	12.27036	(96010105)	372725.25	3755152.00	12.16976	(96010105)
372622.81	3755157.25	12.03250	(96010105)	372527.31	3755158.00	12.47152	(96062304)
372430.69	3755159.00	14.01385	(96062304)	372334.09	3755159.75	15.61568	(96062304)
372237.47	3755160.50	17.22701	(96062304)	372138.81	3755161.25	18.81334	(96062304)
372040.12	3755162.25	20.25240	(96062304)	371941.47	3755163.00	21.43520	(96062304)
371842.78	3755163.75	22.24079	(96062304)	371747.72	3755164.50	22.54390	(96062304)
371652.69	3755165.25	24.39352	(96010523)	371557.62	3755166.25	26.10643	(96010523)
371462.59	3755167.00	27.09883	(96010523)	371359.16	3755167.75	28.23057	(96020705)
371255.72	3755168.75	28.30477	(96020705)	371152.25	3755169.50	29.57006	(96032604)
371048.81	3755170.50	31.14742	(96032604)	371024.06	3755196.50	32.03565	(96032604)
371027.69	3755273.25	34.25689	(96032604)	371031.34	3755350.25	36.17787	(96032604)
371019.94	3755375.50	37.12877	(96032604)	371017.91	3755470.00	39.64709	(96020705)
371017.38	3755556.25	44.96361	(96020705)	371040.31	3755531.50	43.43909	(96020705)
371025.97	3755420.25	37.87676	(96032604)	371015.62	3755399.00	37.82807	(96032604)
370915.81	3755327.25	38.55013	(96020403)	370816.03	3755255.25	38.20327	(96020403)
370736.56	3755243.75	36.43232	(96020403)	370669.19	3755237.00	33.40457	(96020403)
370571.06	3755237.25	27.46321	(96020403)	370475.62	3755237.75	27.20656	(96010119)
370380.12	3755238.25	32.57465	(96010119)	370278.66	3755239.00	36.22769	(96010119)
370177.19	3755239.50	36.91446	(96010119)	370075.72	3755240.00	36.70472	(96020703)
369979.41	3755240.50	37.95314	(96020703)	369883.09	3755241.00	37.65243	(96011123)
369786.78	3755241.50	38.01423	(96011123)	369690.47	3755242.00	35.39286	(96011123)
369594.16	3755242.75	37.20574	(96020304)	369497.88	3755243.25	50.73368	(96020304)
369396.38	3755243.75	60.47899	(96020304)	369294.91	3755244.25	63.04585	(96020304)
369193.44	3755244.75	58.60802	(96020304)	369091.97	3755245.25	49.42363	(96020304)
368990.50	3755246.00	38.36152	(96020304)	368889.03	3755246.50	27.79013	(96020304)
368782.41	3755247.00	23.45767	(96010605)	368675.78	3755247.50	22.80015	(96010605)
368569.12	3755248.25	21.61837	(96010605)	368471.00	3755248.75	20.29985	(96011102)
368372.84	3755249.25	19.12383	(96011102)	368274.69	3755249.75	18.02085	(96041102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	17.31672	(96041102)	368053.72	3755209.25	16.52007	(96041102)
367940.91	3755188.50	15.68350	(96041102)	367824.03	3755184.75	14.83489	(96041102)
367710.84	3755181.25	13.95722	(96011401)	367597.62	3755177.50	13.47748	(96011401)
367484.44	3755174.00	12.93097	(96011401)	367460.69	3755189.25	12.84638	(96011401)
367415.00	3755295.25	12.54965	(96011401)	367369.31	3755401.25	12.41664	(96050805)
367323.59	3755507.25	12.50142	(96050805)	367483.66	3755199.00	12.99046	(96011401)
367300.88	3755623.25	12.51422	(96012702)	367114.28	3756056.25	12.34493	(96030207)
366984.53	3756357.50	11.93241	(96010805)	366852.91	3756663.00	11.09333	(96010303)
366902.28	3756692.00	11.42656	(96010303)	366875.53	3756760.00	11.42385	(96010303)
366812.69	3756738.50	11.10788	(96010303)	366677.25	3757024.50	10.28919	(96012624)
366536.22	3757322.00	9.65900	(96010604)	366437.28	3757530.75	9.21738	(96010603)
366486.94	3757537.25	9.38799	(96010603)	366623.91	3757468.00	9.90868	(96010604)
366644.38	3757530.75	9.94195	(96010603)	366777.06	3757519.75	10.43854	(96010603)
366998.56	3757642.25	11.06690	(96010721)	367174.25	3757739.50	11.57685	(96011402)
367290.72	3757694.25	12.21297	(96011402)	367412.66	3757694.75	13.01881	(96011402)
367409.81	3757735.75	12.99812	(96011402)	367517.78	3757796.25	13.40525	(96011402)
367539.25	3757802.00	13.47193	(96011402)	367609.12	3757676.75	14.33191	(96011402)
367769.06	3757644.25	15.50416	(96011402)	367774.81	3757718.50	15.10298	(96011402)
367809.47	3757834.50	15.10234	(96011023)	367807.06	3757935.50	14.69372	(96011023)
367774.94	3757958.50	14.40246	(96011023)	367798.12	3758011.00	14.11948	(96011023)
367914.41	3757961.50	14.92621	(96011023)	367904.53	3757930.25	15.17506	(96011023)
368108.69	3757840.25	16.90356	(96011023)	368232.75	3757790.25	18.04250	(96011023)
368308.88	3757761.50	18.76303	(96011023)	368603.38	3757765.00	22.27334	(96011223)
368603.84	3757718.50	22.70627	(96011223)	368769.72	3757798.50	23.02948	(96012823)
369017.16	3757954.25	25.64577	(96010302)	369080.28	3757864.00	27.97857	(96010302)
369224.00	3757952.25	27.21324	(96050523)	369408.72	3757730.00	34.70547	(96050523)
369454.22	3757776.00	32.82285	(96020718)	369264.97	3757996.50	25.90203	(96020718)
369451.62	3758128.00	21.31945	(96020206)	369459.97	3758394.25	17.95986	(96021424)
369853.09	3758394.25	21.80484	(96021424)	369850.44	3758078.00	28.81575	(96021424)
370298.62	3758078.25	32.40368	(96052424)	370297.53	3757962.75	36.16745	(96052424)
370382.34	3757966.00	35.66306	(96011020)	370510.12	3758027.25	35.90549	(96011020)
370505.62	3758087.75	33.94722	(96011020)	370886.41	3758089.00	24.73593	(96033002)
370885.06	3757750.50	40.50276	(96033002)	370907.31	3757701.50	43.08056	(96033002)
370944.91	3757670.00	43.80964	(96033002)	371045.81	3757667.50	39.49978	(96033002)
371046.34	3757585.00	42.04753	(96021303)	371121.66	3757583.50	40.86338	(96021303)
371192.59	3757720.25	35.01390	(96021303)	371253.97	3757762.25	32.92798	(96021303)
371263.66	3757782.50	32.27631	(96021303)	371372.34	3757782.25	29.89192	(96021303)
371399.44	3757806.25	28.93309	(96021303)	371798.31	3758080.25	19.00185	(96032723)
371908.19	3757933.50	21.61497	(96011322)	371964.22	3757921.75	21.26811	(96011322)
371970.19	3757841.50	22.15903	(96010104)	372023.31	3757843.25	21.54515	(96010104)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	23.56302	(96062303)	372002.41	3757140.25	27.02088	(96040404)
371514.12	3757136.25	38.04100	(96062303)	371034.56	3757132.50	69.38250	(96010104)
371034.44	3757085.25	72.23526	(96010104)	370764.19	3757087.00	96.83164	(96021303)
370754.00	3756817.75	128.87552	(96062303)	371031.47	3756807.25	87.42342	(96040404)
371033.12	3756780.25	85.18882	(96040404)	371483.09	3756770.25	45.35425	(96051805)
371817.25	3756763.00	32.00574	(96051805)	372274.41	3756752.75	21.34763	(96051805)
372713.41	3756743.00	16.66525	(96052201)	372702.62	3756552.50	18.17246	(96052201)
372818.81	3756548.75	17.02051	(96052201)	372814.44	3756455.00	16.70009	(96052201)
372796.75	3756367.50	15.96578	(96052201)	372704.81	3756371.50	16.80357	(96052201)
372706.31	3756326.75	16.50865	(96052101)	372927.09	3756319.25	14.40986	(96052101)
372926.22	3756245.00	15.11160	(96052101)	373456.81	3756235.50	11.31606	(96052101)
373448.00	3755559.75	10.80955	(96010203)	373222.47	3755568.75	12.40345	(96010203)
373219.34	3755705.00	11.46012	(96010203)	373134.66	3755704.00	12.20736	(96010203)
373131.22	3755566.75	13.12201	(96010203)	373054.09	3755562.75	13.74735	(96010203)
373046.22	3755174.00	12.38988	(96010105)	372725.47	3755177.00	12.56647	(96010105)
372624.12	3755182.25	12.48225	(96010105)	372237.69	3755185.50	17.07149	(96062304)
371843.00	3755188.75	22.61984	(96062304)	371462.81	3755192.00	27.63956	(96010523)
371049.03	3755195.50	31.83747	(96032604)	371056.31	3755349.00	35.35379	(96032604)
371043.41	3755384.00	36.48550	(96032604)	371042.38	3755556.25	44.78529	(96020705)
370995.81	3755560.25	45.22549	(96020705)	371001.00	3755419.25	38.83931	(96032604)
370801.41	3755275.50	39.02596	(96020403)	370666.66	3755261.75	34.58580	(96020403)
370380.28	3755263.25	33.41300	(96010119)	370075.88	3755265.00	37.83333	(96020703)
369786.91	3755266.50	38.89389	(96011123)	369498.00	3755268.25	54.13413	(96020304)
369193.59	3755269.75	58.53323	(96020304)	368889.16	3755271.50	26.12502	(96020304)
368569.28	3755273.25	21.74185	(96010605)	368274.84	3755274.75	18.35670	(96041102)
367936.44	3755213.25	15.74799	(96041102)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	4.07431	(96062303)	372498.53	3757611.75	3.67706	(96051204)
372248.53	3757861.75	4.05460	(96062303)	372498.53	3757861.75	3.73421	(96062303)
372248.53	3758111.75	3.89413	(96010104)	372498.53	3758111.75	3.36283	(96012023)
372248.53	3758361.75	3.56964	(96032723)	372498.53	3758361.75	3.36688	(96010104)
373792.78	3755334.75	2.38974	(96010203)	374092.78	3755334.75	2.08789	(96010203)
373792.78	3755709.75	2.19539	(96052101)	374092.78	3755709.75	2.11111	(96052101)
373792.78	3756084.75	2.54756	(96052101)	374092.78	3756084.75	2.28836	(96052101)
373792.78	3756459.75	2.49130	(96052201)	374092.78	3756459.75	2.27446	(96052201)
373792.78	3756834.75	2.44950	(96052201)	374092.78	3756834.75	2.24080	(96052201)
373792.78	3757209.75	2.48110	(96051805)	374092.78	3757209.75	2.23436	(96051805)
373792.78	3757584.75	2.17046	(96040404)	374092.78	3757584.75	2.00757	(96051805)
373792.78	3757959.75	2.41189	(96040404)	374092.78	3757959.75	2.20796	(96040404)
373792.78	3758334.75	2.06464	(96062303)	374092.78	3758334.75	1.92279	(96040404)
373792.78	3758709.75	2.18290	(96062303)	374092.78	3758709.75	1.99923	(96062303)
370479.03	3756653.75	25.36741	(96010718)	367277.91	3755613.50	2.93422	(96050805)
367231.25	3755721.75	2.88039	(96012702)	367184.62	3755830.00	2.85906	(96010201)
367137.97	3755938.25	2.89435	(96010801)	367091.34	3756046.50	2.90340	(96010801)
367048.09	3756146.75	2.84565	(96030207)	367004.81	3756247.25	2.78297	(96010804)
366961.56	3756347.50	2.80004	(96010804)	366917.69	3756449.50	2.78401	(96010805)
366873.81	3756551.25	2.70374	(96010805)	366829.94	3756653.00	2.64367	(96090202)
366840.22	3756684.50	2.64335	(96090202)	366889.59	3756713.50	2.67150	(96090202)
366879.00	3756682.75	2.67957	(96090202)	366852.25	3756751.00	2.65701	(96010303)
366883.62	3756736.50	2.67017	(96010303)	366820.78	3756715.00	2.60867	(96090202)
366790.12	3756728.00	2.57273	(96010303)	366744.97	3756823.25	2.61287	(96010303)
366699.81	3756918.50	2.57763	(96010303)	366654.66	3757013.75	2.47477	(96010303)
366607.66	3757113.00	2.45285	(96012624)	366560.62	3757212.00	2.41647	(96010204)
366513.62	3757311.25	2.38802	(96010204)	366464.16	3757415.75	2.33432	(96010202)
366414.69	3757520.00	2.29694	(96010604)	366434.03	3757555.50	2.30044	(96010604)
366483.69	3757562.00	2.32814	(96010604)	366566.69	3757525.00	2.39806	(96010604)
366620.62	3757538.50	2.42628	(96010604)	366646.41	3757555.50	2.44705	(96010603)
366712.75	3757550.25	2.50212	(96010603)	366779.09	3757544.75	2.55819	(96010603)
366838.81	3757582.50	2.59727	(96010603)	366912.62	3757623.25	2.61943	(96010603)
366986.47	3757664.25	2.69206	(96010721)	367074.31	3757712.75	2.75411	(96010721)
367162.16	3757761.25	2.81536	(96050521)	367299.75	3757717.75	2.96397	(96050521)
367384.88	3757734.00	3.03229	(96050521)	367397.59	3757757.50	3.02037	(96011402)
367505.56	3757818.00	3.15504	(96011402)	367532.81	3757826.00	3.17625	(96011402)
367561.06	3757814.00	3.21294	(96011402)	367596.03	3757751.50	3.28639	(96011402)
367630.97	3757689.00	3.33250	(96011402)	367694.09	3757685.00	3.42702	(96011402)
367749.88	3757720.50	3.48858	(96011402)	367785.50	3757841.75	3.38725	(96011023)
367782.09	3757935.00	3.40413	(96011023)	367752.06	3757968.50	3.35147	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	3.32371	(96011023)	367807.91	3758034.00	3.32513	(96011023)
367866.06	3758009.25	3.39881	(96011023)	367924.19	3757984.50	3.47422	(96011023)
367938.25	3757954.00	3.54025	(96011023)	367928.38	3757922.75	3.58086	(96011023)
367914.62	3757953.25	3.52527	(96011023)	368016.69	3757908.25	3.67590	(96011023)
368118.78	3757863.25	3.83444	(96011023)	368180.06	3757838.50	3.92774	(96011023)
368242.09	3757813.50	4.02352	(96011023)	368317.75	3757784.75	4.13616	(96011023)
368406.72	3757787.75	4.16403	(96011223)	368504.88	3757788.75	4.47860	(96011223)
368603.06	3757790.00	4.72222	(96011223)	368628.38	3757765.25	4.79825	(96011223)
368675.91	3757781.00	4.85861	(96011223)	368758.84	3757821.00	4.81623	(96012823)
368838.88	3757871.50	4.71289	(96012823)	368921.38	3757923.50	4.99308	(96010302)
369003.84	3757975.50	5.16004	(96010302)	369037.66	3757968.75	5.20085	(96010302)
369100.78	3757878.25	5.51349	(96010302)	369067.19	3757885.25	5.45221	(96010302)
369139.03	3757929.50	5.47639	(96050523)	369210.91	3757973.75	5.47270	(96050523)
369243.25	3757968.25	5.50505	(96020718)	369304.81	3757894.25	5.80146	(96020718)
369366.38	3757820.00	6.11776	(96020718)	369436.44	3757793.50	6.29430	(96020718)
369435.25	3757759.75	6.42398	(96020718)	369250.56	3758016.75	5.40480	(96020718)
369343.91	3758082.50	4.98296	(96020718)	369437.25	3758148.25	4.71088	(96020206)
369429.41	3758217.50	4.58092	(96020206)	369432.19	3758306.25	4.40126	(96020206)
369434.97	3758395.00	4.17896	(96020206)	369459.97	3758419.25	4.09047	(96020206)
369558.25	3758419.25	4.19209	(96021424)	369656.53	3758419.25	4.58211	(96021424)
369754.81	3758419.25	4.70081	(96021424)	369853.09	3758419.25	4.50267	(96021424)
369878.09	3758394.00	4.48002	(96021424)	369877.19	3758288.75	4.81592	(96021424)
369876.31	3758183.25	5.15748	(96021424)	369962.47	3758103.00	5.28408	(96020323)
370074.53	3758103.00	5.84134	(96020323)	370186.59	3758103.00	5.72582	(96052424)
370298.62	3758103.25	5.95122	(96052424)	370323.62	3758078.00	5.94895	(96010720)
370381.38	3757991.00	6.12232	(96011020)	370435.41	3758019.25	6.38431	(96011020)
370499.31	3758049.75	6.39121	(96011020)	370485.19	3758025.25	6.47635	(96011020)
370480.69	3758086.00	6.27009	(96011020)	370505.53	3758112.75	6.19057	(96011020)
370600.72	3758113.25	5.79851	(96011020)	370695.94	3758113.50	4.99028	(96010922)
370791.12	3758113.75	4.68975	(96011823)	370886.34	3758114.00	4.77873	(96011823)
370911.41	3758089.00	4.93472	(96033002)	370910.97	3757976.00	5.66183	(96033002)
370910.53	3757863.25	6.33358	(96033002)	370910.06	3757750.50	6.82805	(96033002)
370930.06	3757711.75	6.84491	(96033002)	370960.91	3757689.25	6.62827	(96033002)
371046.47	3757692.50	6.45589	(96021303)	371070.81	3757667.50	6.63370	(96021303)
371071.34	3757585.25	6.85440	(96021303)	371046.88	3757610.00	6.86680	(96021303)
371122.22	3757608.50	6.59654	(96021303)	371099.47	3757595.00	6.71733	(96021303)
371134.94	3757663.25	6.52815	(96021303)	371170.41	3757731.75	6.30899	(96021303)
371239.88	3757782.75	6.01632	(96021303)	371263.72	3757807.50	5.90701	(96021303)
371372.38	3757807.25	5.31475	(96021303)	371385.28	3757826.75	5.27710	(96021303)
371485.00	3757895.25	4.79854	(96021303)	371584.72	3757963.75	4.42950	(96032723)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	4.30232	(96032723)	371784.16	3758100.75	4.16013	(96032723)
371818.31	3758095.25	4.22801	(96032723)	371873.25	3758021.75	4.45750	(96032723)
371928.19	3757948.50	4.52317	(96011322)	371969.34	3757946.25	4.47825	(96010104)
371989.16	3757923.75	4.48443	(96010104)	371995.12	3757843.25	4.48763	(96010104)
371969.38	3757866.50	4.56479	(96010104)	372022.50	3757868.25	4.42248	(96010104)
372048.31	3757843.00	4.31402	(96010104)	372047.16	3757745.75	4.48883	(96062303)
372046.03	3757648.50	4.68861	(96062303)	372044.88	3757551.25	4.64045	(96062303)
372040.50	3757447.75	4.43559	(96051204)	372036.12	3757345.00	4.93598	(96051204)
372031.75	3757242.00	5.10147	(96051204)	372027.38	3757139.25	4.85676	(96051204)
372002.59	3757115.25	4.83623	(96051204)	371880.53	3757114.25	5.33447	(96051204)
371758.47	3757113.25	5.83473	(96051204)	371636.38	3757112.25	6.29707	(96051204)
371514.31	3757111.25	6.65445	(96051204)	371394.41	3757110.25	6.80407	(96051204)
371274.53	3757109.50	6.79740	(96021524)	371154.62	3757108.50	7.59145	(96062303)
371034.75	3757107.50	7.86610	(96090423)	371059.56	3757132.50	7.72621	(96011523)
371059.44	3757085.25	7.91186	(96090423)	371034.31	3757060.25	8.01486	(96090423)
370944.22	3757060.75	8.16919	(96010419)	370854.12	3757061.25	9.06177	(96011219)
370764.03	3757062.00	10.13830	(96101022)	370789.16	3757086.00	9.61112	(96101022)
370785.78	3756996.25	10.34145	(96011219)	370782.38	3756906.50	11.31150	(96090906)
370778.97	3756816.75	12.11219	(96100603)	370754.94	3756842.75	12.07088	(96100603)
370847.44	3756839.25	10.82548	(96100603)	370939.91	3756835.75	9.28031	(96100603)
371032.41	3756832.25	8.17393	(96020204)	371056.41	3756808.75	8.08320	(96090306)
371058.09	3756781.75	8.22770	(96090306)	371033.69	3756805.25	8.26591	(96090903)
371146.19	3756802.75	7.99722	(96051805)	371258.66	3756800.25	7.72708	(96051805)
371371.16	3756797.75	7.30710	(96051805)	371483.62	3756795.25	6.82779	(96051805)
371595.03	3756793.00	6.34479	(96051805)	371706.41	3756790.50	5.87622	(96051805)
371817.78	3756788.00	5.43569	(96051805)	371932.09	3756785.50	5.03851	(96052201)
372046.38	3756783.00	4.83468	(96052201)	372160.66	3756780.25	4.63247	(96052201)
372274.97	3756777.75	4.43285	(96052201)	372384.72	3756775.50	4.24706	(96052201)
372494.47	3756773.00	4.07011	(96052201)	372604.22	3756770.50	3.90139	(96052201)
372713.97	3756768.00	3.74116	(96052201)	372738.38	3756741.75	3.77354	(96052201)
372732.97	3756646.50	3.90992	(96052201)	372819.62	3756573.75	3.73364	(96052201)
372843.78	3756547.75	3.65912	(96052201)	372839.41	3756453.75	3.42725	(96052201)
372821.25	3756362.50	3.42930	(96052101)	372795.62	3756342.50	3.53082	(96052101)
372731.31	3756327.75	3.68602	(96052101)	372707.19	3756351.75	3.67136	(96052101)
372927.97	3756344.00	3.29691	(96052101)	372952.09	3756318.75	3.31897	(96052101)
372951.22	3756244.75	3.44658	(96052101)	372926.66	3756270.00	3.45269	(96052101)
373032.78	3756268.00	3.28861	(96052101)	373138.88	3756266.25	3.13406	(96052101)
373245.00	3756264.25	2.98924	(96052101)	373351.12	3756262.25	2.85323	(96052101)
373457.25	3756260.50	2.72507	(96052101)	373481.81	3756235.00	2.73630	(96052101)
373480.34	3756122.50	2.84283	(96052101)	373478.88	3756009.75	2.82318	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.68316	(96052101)	373475.94	3755784.50	2.44282	(96052101)
373474.47	3755672.00	2.35739	(96010203)	373473.00	3755559.25	2.56617	(96010203)
373447.00	3755534.75	2.63476	(96010203)	373334.22	3755539.25	2.78661	(96010203)
373221.47	3755543.75	2.93905	(96010203)	373197.47	3755568.25	2.95511	(96010203)
373195.91	3755636.25	2.87859	(96010203)	373194.34	3755704.50	2.75606	(96010203)
373219.59	3755680.00	2.76212	(96010203)	373134.91	3755679.00	2.91241	(96010203)
373159.66	3755703.50	2.82061	(96010203)	373157.94	3755634.75	2.94333	(96010203)
373156.22	3755566.00	3.01596	(96010203)	373132.47	3755541.75	3.05980	(96010203)
373055.34	3755537.75	3.15848	(96010203)	373079.06	3755562.25	3.12530	(96010203)
373077.12	3755465.00	3.10528	(96010105)	373075.16	3755368.00	3.03731	(96010105)
373073.19	3755270.75	2.87602	(96010105)	373071.22	3755173.50	2.64114	(96010105)
373046.00	3755149.00	2.56254	(96010105)	372939.09	3755150.00	2.60976	(96012523)
372832.16	3755151.00	2.64430	(96012523)	372725.25	3755152.00	2.65185	(96012523)
372622.81	3755157.25	2.64111	(96012523)	372527.31	3755158.00	2.76245	(96062304)
372430.69	3755159.00	3.09260	(96062304)	372334.09	3755159.75	3.42027	(96062304)
372237.47	3755160.50	3.72817	(96062304)	372138.81	3755161.25	4.00021	(96062304)
372040.12	3755162.25	4.20378	(96062304)	371941.47	3755163.00	4.31058	(96062304)
371842.78	3755163.75	4.29397	(96062304)	371747.72	3755164.50	4.40219	(96010523)
371652.69	3755165.25	4.73274	(96010523)	371557.62	3755166.25	4.90531	(96010523)
371462.59	3755167.00	5.01506	(96020705)	371359.16	3755167.75	5.03887	(96020705)
371255.72	3755168.75	4.86738	(96032604)	371152.25	3755169.50	5.32676	(96032604)
371048.81	3755170.50	5.40312	(96032604)	371024.06	3755196.50	5.46528	(96032604)
371027.69	3755273.25	5.76263	(96032604)	371031.34	3755350.25	5.96588	(96032604)
371019.94	3755375.50	6.04589	(96032604)	371017.91	3755470.00	6.13208	(96032604)
371017.38	3755556.25	6.20379	(96020705)	371040.31	3755531.50	6.14281	(96020705)
371025.97	3755420.25	6.07959	(96032604)	371015.62	3755399.00	6.09956	(96032604)
370915.81	3755327.25	6.09269	(96020403)	370816.03	3755255.25	6.00021	(96020403)
370736.56	3755243.75	5.45693	(96020403)	370669.19	3755237.00	4.71986	(96020403)
370571.06	3755237.25	5.02244	(96011003)	370475.62	3755237.75	5.11041	(96011003)
370380.12	3755238.25	4.75945	(96011003)	370278.66	3755239.00	5.47597	(96010119)
370177.19	3755239.50	5.85432	(96010119)	370075.72	3755240.00	5.50753	(96010119)
369979.41	3755240.50	5.93847	(96020703)	369883.09	3755241.00	5.93142	(96020703)
369786.78	3755241.50	6.24692	(96011123)	369690.47	3755242.00	6.15400	(96011123)
369594.16	3755242.75	5.61316	(96010121)	369497.88	3755243.25	5.87701	(96010121)
369396.38	3755243.75	6.78970	(96020304)	369294.91	3755244.25	8.62995	(96020304)
369193.44	3755244.75	9.20226	(96020304)	369091.97	3755245.25	8.45348	(96020304)
368990.50	3755246.00	6.83818	(96020304)	368889.03	3755246.50	4.96707	(96020304)
368782.41	3755247.00	4.54591	(96061901)	368675.78	3755247.50	4.54400	(96061901)
368569.12	3755248.25	4.38654	(96010722)	368471.00	3755248.75	4.26084	(96010722)
368372.84	3755249.25	4.08256	(96011102)	368274.69	3755249.75	3.91323	(96011102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	3.68013	(96011102)	368053.72	3755209.25	3.50364	(96041102)
367940.91	3755188.50	3.43179	(96041102)	367824.03	3755184.75	3.35007	(96041102)
367710.84	3755181.25	3.22864	(96041102)	367597.62	3755177.50	3.07674	(96041102)
367484.44	3755174.00	2.95280	(96011401)	367460.69	3755189.25	2.95973	(96011401)
367415.00	3755295.25	2.97723	(96011401)	367369.31	3755401.25	2.96400	(96010120)
367323.59	3755507.25	2.95067	(96050805)	367483.66	3755199.00	2.98502	(96011401)
367300.88	3755623.25	2.95945	(96050805)	367114.28	3756056.25	2.92877	(96030207)
366984.53	3756357.50	2.82259	(96010804)	366852.91	3756663.00	2.66246	(96090202)
366902.28	3756692.00	2.69669	(96090202)	366875.53	3756760.00	2.68849	(96010303)
366812.69	3756738.50	2.60607	(96010303)	366677.25	3757024.50	2.47840	(96010303)
366536.22	3757322.00	2.40091	(96010204)	366437.28	3757530.75	2.31014	(96010604)
366486.94	3757537.25	2.34085	(96010604)	366623.91	3757468.00	2.45446	(96010604)
366644.38	3757530.75	2.44619	(96010604)	366777.06	3757519.75	2.55458	(96010603)
366998.56	3757642.25	2.70189	(96010721)	367174.25	3757739.50	2.83210	(96050521)
367290.72	3757694.25	2.96066	(96050521)	367412.66	3757694.75	3.08838	(96050521)
367409.81	3757735.75	3.05129	(96050521)	367517.78	3757796.25	3.17883	(96011402)
367539.25	3757802.00	3.19943	(96011402)	367609.12	3757676.75	3.29190	(96011402)
367769.06	3757644.25	3.53733	(96011402)	367774.81	3757718.50	3.51883	(96011402)
367809.47	3757834.50	3.42719	(96011023)	367807.06	3757935.50	3.43592	(96011023)
367774.94	3757958.50	3.38407	(96011023)	367798.12	3758011.00	3.35432	(96011023)
367914.41	3757961.50	3.51163	(96011023)	367904.53	3757930.25	3.54879	(96011023)
368108.69	3757840.25	3.87266	(96011023)	368232.75	3757790.25	4.07722	(96011023)
368308.88	3757761.50	4.20169	(96011023)	368603.38	3757765.00	4.74036	(96011223)
368603.84	3757718.50	4.73155	(96011223)	368769.72	3757798.50	4.86880	(96012823)
369017.16	3757954.25	5.22625	(96010302)	369080.28	3757864.00	5.51836	(96010302)
369224.00	3757952.25	5.55107	(96050523)	369408.72	3757730.00	6.42096	(96020718)
369454.22	3757776.00	6.36830	(96020718)	369264.97	3757996.50	5.47724	(96020718)
369451.62	3758128.00	4.78363	(96020206)	369459.97	3758394.25	4.16408	(96020206)
369853.09	3758394.25	4.57754	(96021424)	369850.44	3758078.00	5.51877	(96021424)
370298.62	3758078.25	6.02211	(96052424)	370297.53	3757962.75	6.35597	(96052424)
370382.34	3757966.00	6.23007	(96011020)	370510.12	3758027.25	6.44261	(96011020)
370505.62	3758087.75	6.26766	(96011020)	370886.41	3758089.00	4.84786	(96011823)
370885.06	3757750.50	6.82952	(96033002)	370907.31	3757701.50	6.95398	(96033002)
370944.91	3757670.00	6.73095	(96033002)	371045.81	3757667.50	6.60384	(96021303)
371046.34	3757585.00	6.93820	(96021303)	371121.66	3757583.50	6.56354	(96021303)
371192.59	3757720.25	6.25004	(96021303)	371253.97	3757762.25	5.96183	(96021303)
371263.66	3757782.50	5.91805	(96021303)	371372.34	3757782.25	5.23950	(96021303)
371399.44	3757806.25	5.11852	(96021303)	371798.31	3758080.25	4.26700	(96032723)
371908.19	3757933.50	4.57581	(96011322)	371964.22	3757921.75	4.52671	(96010104)
371970.19	3757841.50	4.56066	(96010104)	372023.31	3757843.25	4.39832	(96010104)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	4.72710	(96062303)	372002.41	3757140.25	4.95793	(96051204)
371514.12	3757136.25	6.54309	(96051204)	371034.56	3757132.50	7.70022	(96011523)
371034.44	3757085.25	7.97976	(96090423)	370764.19	3757087.00	9.85330	(96011321)
370754.00	3756817.75	12.53191	(96100603)	371031.47	3756807.25	8.26897	(96090903)
371033.12	3756780.25	8.44883	(96090903)	371483.09	3756770.25	6.65655	(96051805)
371817.25	3756763.00	5.47003	(96052201)	372274.41	3756752.75	4.55273	(96052201)
372713.41	3756743.00	3.80924	(96052201)	372702.62	3756552.50	3.88768	(96052201)
372818.81	3756548.75	3.69825	(96052201)	372814.44	3756455.00	3.46292	(96052201)
372796.75	3756367.50	3.45845	(96052101)	372704.81	3756371.50	3.61806	(96052101)
372706.31	3756326.75	3.73571	(96052101)	372927.09	3756319.25	3.35905	(96052101)
372926.22	3756245.00	3.48569	(96052101)	373456.81	3756235.50	2.76516	(96052101)
373448.00	3755559.75	2.60127	(96010203)	373222.47	3755568.75	2.91839	(96010203)
373219.34	3755705.00	2.71040	(96010203)	373134.66	3755704.00	2.86496	(96010203)
373131.22	3755566.75	3.05097	(96010203)	373054.09	3755562.75	3.15894	(96010203)
373046.22	3755174.00	2.63448	(96010105)	372725.47	3755177.00	2.70720	(96012523)
372624.12	3755182.25	2.70868	(96012523)	372237.69	3755185.50	3.68993	(96062304)
371843.00	3755188.75	4.38800	(96062304)	371462.81	3755192.00	5.05392	(96020705)
371049.03	3755195.50	5.49834	(96032604)	371056.31	3755349.00	5.88275	(96032604)
371043.41	3755384.00	5.97167	(96032604)	371042.38	3755556.25	6.33592	(96020705)
370995.81	3755560.25	6.18381	(96032604)	371001.00	3755419.25	6.18166	(96032604)
370801.41	3755275.50	6.04315	(96020403)	370666.66	3755261.75	4.84340	(96020403)
370380.28	3755263.25	4.85662	(96011003)	370075.88	3755265.00	5.54597	(96010119)
369786.91	3755266.50	6.35486	(96011123)	369498.00	3755268.25	5.95978	(96010121)
369193.59	3755269.75	9.27379	(96020304)	368889.16	3755271.50	4.68303	(96020707)
368569.28	3755273.25	4.43847	(96010722)	368274.84	3755274.75	3.90784	(96011102)
367936.44	3755213.25	3.47355	(96041102)				

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.14890	(96090806)	372498.53	3757611.75	1.05450	(96090806)
372248.53	3757861.75	1.08916	(96062224)	372498.53	3757861.75	0.98357	(96062224)
372248.53	3758111.75	1.01075	(96092324)	372498.53	3758111.75	0.88016	(96062224)
372248.53	3758361.75	0.92176	(96011321)	372498.53	3758361.75	0.84963	(96092324)
373792.78	3755334.75	0.36408	(96051703)	374092.78	3755334.75	0.31290	(96051703)
373792.78	3755709.75	0.31857	(96032006)	374092.78	3755709.75	0.29371	(96032006)
373792.78	3756084.75	0.40725	(96100606)	374092.78	3756084.75	0.37882	(96100606)
373792.78	3756459.75	0.46868	(96100321)	374092.78	3756459.75	0.43158	(96100321)
373792.78	3756834.75	0.60900	(96090324)	374092.78	3756834.75	0.54867	(96090324)
373792.78	3757209.75	0.71141	(96090324)	374092.78	3757209.75	0.65029	(96090324)
373792.78	3757584.75	0.61843	(96090324)	374092.78	3757584.75	0.59523	(96090324)
373792.78	3757959.75	0.59351	(96100224)	374092.78	3757959.75	0.54175	(96100224)
373792.78	3758334.75	0.59338	(96101124)	374092.78	3758334.75	0.56061	(96062303)
373792.78	3758709.75	0.52496	(96100806)	374092.78	3758709.75	0.51919	(96101124)
370479.03	3756653.75	13.39026	(96051724)	367277.91	3755613.50	0.80716	(96101106)
367231.25	3755721.75	0.75606	(96101106)	367184.62	3755830.00	0.72128	(96011606)
367137.97	3755938.25	0.69981	(96011606)	367091.34	3756046.50	0.69026	(96101403)
367048.09	3756146.75	0.69040	(96102406)	367004.81	3756247.25	0.69132	(96102406)
366961.56	3756347.50	0.70664	(96100106)	366917.69	3756449.50	0.73745	(96100106)
366873.81	3756551.25	0.74895	(96100106)	366829.94	3756653.00	0.74169	(96100106)
366840.22	3756684.50	0.74109	(96100106)	366889.59	3756713.50	0.74771	(96100106)
366879.00	3756682.75	0.74988	(96100106)	366852.25	3756751.00	0.73202	(96100106)
366883.62	3756736.50	0.74195	(96100106)	366820.78	3756715.00	0.73251	(96100106)
366790.12	3756728.00	0.72373	(96100106)	366744.97	3756823.25	0.69065	(96100106)
366699.81	3756918.50	0.66851	(96101003)	366654.66	3757013.75	0.66457	(96101003)
366607.66	3757113.00	0.64360	(96101003)	366560.62	3757212.00	0.60875	(96101003)
366513.62	3757311.25	0.56362	(96101003)	366464.16	3757415.75	0.51288	(96030103)
366414.69	3757520.00	0.52885	(96030103)	366434.03	3757555.50	0.54008	(96030103)
366483.69	3757562.00	0.55150	(96030103)	366566.69	3757525.00	0.56207	(96030103)
366620.62	3757538.50	0.57638	(96030103)	366646.41	3757555.50	0.58491	(96030103)
366712.75	3757550.25	0.59863	(96030103)	366779.09	3757544.75	0.61264	(96030103)
366838.81	3757582.50	0.63032	(96030103)	366912.62	3757623.25	0.64800	(96030103)
366986.47	3757664.25	0.66118	(96030103)	367074.31	3757712.75	0.66980	(96030103)
367162.16	3757761.25	0.68747	(96021806)	367299.75	3757717.75	0.72322	(96021806)
367384.88	3757734.00	0.75398	(96021806)	367397.59	3757757.50	0.76051	(96021806)
367505.56	3757818.00	0.79041	(96021806)	367532.81	3757826.00	0.79605	(96021806)
367561.06	3757814.00	0.80449	(96021806)	367596.03	3757751.50	0.82001	(96021806)
367630.97	3757689.00	0.83119	(96021806)	367694.09	3757685.00	0.85198	(96021806)
367749.88	3757720.50	0.86642	(96021806)	367785.50	3757841.75	0.83840	(96021806)
367782.09	3757935.00	0.79078	(96021806)	367752.06	3757968.50	0.77110	(96021806)

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.73707	(96021806)	367807.91	3758034.00	0.72538	(96021806)
367866.06	3758009.25	0.73680	(96021806)	367924.19	3757984.50	0.74823	(96021806)
367938.25	3757954.00	0.77031	(96021806)	367928.38	3757922.75	0.79482	(96021806)
367914.62	3757953.25	0.77341	(96021806)	368016.69	3757908.25	0.79732	(96021806)
368118.78	3757863.25	0.82143	(96021806)	368180.06	3757838.50	0.83371	(96021806)
368242.09	3757813.50	0.84571	(96021806)	368317.75	3757784.75	0.85771	(96021806)
368406.72	3757787.75	0.84912	(96040606)	368504.88	3757788.75	0.90460	(96062503)
368603.06	3757790.00	0.97336	(96062503)	368628.38	3757765.25	0.98906	(96062503)
368675.91	3757781.00	1.02182	(96062503)	368758.84	3757821.00	1.06296	(96062503)
368838.88	3757871.50	1.07006	(96062503)	368921.38	3757923.50	1.03834	(96062503)
369003.84	3757975.50	0.99046	(96030324)	369037.66	3757968.75	1.01572	(96030324)
369100.78	3757878.25	1.08353	(96030324)	369067.19	3757885.25	1.05368	(96030324)
369139.03	3757929.50	1.09012	(96030324)	369210.91	3757973.75	1.07645	(96030324)
369243.25	3757968.25	1.07936	(96030324)	369304.81	3757894.25	1.14704	(96030324)
369366.38	3757820.00	1.22051	(96030324)	369436.44	3757793.50	1.24229	(96021924)
369435.25	3757759.75	1.29246	(96021924)	369250.56	3758016.75	1.02734	(96030324)
369343.91	3758082.50	0.88943	(96030324)	369437.25	3758148.25	0.77053	(96021924)
369429.41	3758217.50	0.70293	(96021924)	369432.19	3758306.25	0.61979	(96041024)
369434.97	3758395.00	0.60460	(96041024)	369459.97	3758419.25	0.61318	(96041024)
369558.25	3758419.25	0.66172	(96041024)	369656.53	3758419.25	0.69902	(96041024)
369754.81	3758419.25	0.71875	(96041024)	369853.09	3758419.25	0.71499	(96041024)
369878.09	3758394.00	0.72331	(96041024)	369877.19	3758288.75	0.78376	(96041024)
369876.31	3758183.25	0.85075	(96041024)	369962.47	3758103.00	0.88011	(96041024)
370074.53	3758103.00	0.79020	(96041024)	370186.59	3758103.00	0.96738	(96052421)
370298.62	3758103.25	1.08244	(96052421)	370323.62	3758078.00	1.12338	(96052421)
370381.38	3757991.00	1.23776	(96052421)	370435.41	3758019.25	1.18875	(96052421)
370499.31	3758049.75	1.10977	(96052421)	370485.19	3758025.25	1.14632	(96052421)
370480.69	3758086.00	1.09207	(96052421)	370505.53	3758112.75	1.04860	(96052421)
370600.72	3758113.25	0.96413	(96051824)	370695.94	3758113.50	0.90260c	(96043024)
370791.12	3758113.75	0.83553c	(96043024)	370886.34	3758114.00	0.84420	(96092403)
370911.41	3758089.00	0.87704	(96092403)	370910.97	3757976.00	0.96600	(96092403)
370910.53	3757863.25	1.05550	(96092403)	370910.06	3757750.50	1.17638	(96033124)
370930.06	3757711.75	1.29242	(96021821)	370960.91	3757689.25	1.38963	(96021821)
371046.47	3757692.50	1.45444	(96021821)	371070.81	3757667.50	1.50598	(96021821)
371071.34	3757585.25	1.64152	(96021821)	371046.88	3757610.00	1.60779	(96021821)
371122.22	3757608.50	1.57657	(96021821)	371099.47	3757595.00	1.61046	(96021821)
371134.94	3757663.25	1.49853	(96021821)	371170.41	3757731.75	1.39556	(96021821)
371239.88	3757782.75	1.30988	(96021821)	371263.72	3757807.50	1.27432	(96021821)
371372.38	3757807.25	1.27669	(96092324)	371385.28	3757826.75	1.24756	(96092324)
371485.00	3757895.25	1.21025	(96092324)	371584.72	3757963.75	1.16569	(96092324)

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.11744	(96092324)	371784.16	3758100.75	1.06789	(96092324)
371818.31	3758095.25	1.08591	(96092324)	371873.25	3758021.75	1.17236	(96092324)
371928.19	3757948.50	1.21952	(96092324)	371969.34	3757946.25	1.20321	(96092324)
371989.16	3757923.75	1.20327	(96092324)	371995.12	3757843.25	1.22009	(96092324)
371969.38	3757866.50	1.23472	(96092324)	372022.50	3757868.25	1.19603	(96092324)
372048.31	3757843.00	1.17706	(96092324)	372047.16	3757745.75	1.23977	(96062224)
372046.03	3757648.50	1.30141	(96062224)	372044.88	3757551.25	1.31945	(96062224)
372040.50	3757447.75	1.36643	(96090806)	372036.12	3757345.00	1.41862	(96090806)
372031.75	3757242.00	1.46221	(96091624)	372027.38	3757139.25	1.44538	(96091624)
372002.59	3757115.25	1.45840	(96091624)	371880.53	3757114.25	1.61536	(96091624)
371758.47	3757113.25	1.78307	(96091624)	371636.38	3757112.25	1.95435	(96091624)
371514.31	3757111.25	2.11467	(96091624)	371394.41	3757110.25	2.23648	(96091624)
371274.53	3757109.50	2.40687	(96062224)	371154.62	3757108.50	2.72719	(96062224)
371034.75	3757107.50	3.04422	(96091921)	371059.56	3757132.50	2.93529	(96091921)
371059.44	3757085.25	2.93804	(96062224)	371034.31	3757060.25	3.06444	(96092221)
370944.22	3757060.75	3.52039	(96091921)	370854.12	3757061.25	3.99337	(96091921)
370764.03	3757062.00	4.16265	(96091921)	370789.16	3757086.00	3.95962	(96091921)
370785.78	3756996.25	4.54333	(96091921)	370782.38	3756906.50	4.87342	(96041621)
370778.97	3756816.75	5.35514	(96052521)	370754.94	3756842.75	5.33059	(96092721)
370847.44	3756839.25	4.80912	(96052521)	370939.91	3756835.75	4.19391	(96052521)
371032.41	3756832.25	3.57122	(96052521)	371056.41	3756808.75	3.32150	(96052521)
371058.09	3756781.75	3.17765	(96060303)	371033.69	3756805.25	3.44741	(96052521)
371146.19	3756802.75	2.82729	(96061621)	371258.66	3756800.25	2.52827	(96061621)
371371.16	3756797.75	2.25330	(96061621)	371483.62	3756795.25	2.00977	(96061621)
371595.03	3756793.00	1.82060	(96092524)	371706.41	3756790.50	1.66658	(96092524)
371817.78	3756788.00	1.52870	(96092524)	371932.09	3756785.50	1.40269	(96092524)
372046.38	3756783.00	1.29089	(96092524)	372160.66	3756780.25	1.19171	(96092524)
372274.97	3756777.75	1.10330	(96092524)	372384.72	3756775.50	1.02738	(96092524)
372494.47	3756773.00	0.95923	(96092524)	372604.22	3756770.50	0.90300	(96090324)
372713.97	3756768.00	0.86158	(96090324)	372738.38	3756741.75	0.83266	(96092524)
372732.97	3756646.50	0.82927	(96092524)	372819.62	3756573.75	0.77190	(96092524)
372843.78	3756547.75	0.75315	(96092524)	372839.41	3756453.75	0.71394	(96092524)
372821.25	3756362.50	0.66676	(96092524)	372795.62	3756342.50	0.66127	(96092524)
372731.31	3756327.75	0.67027	(96092524)	372707.19	3756351.75	0.69614	(96092524)
372927.97	3756344.00	0.62341	(96092524)	372952.09	3756318.75	0.60157	(96092524)
372951.22	3756244.75	0.56808	(96100606)	372926.66	3756270.00	0.57988	(96100606)
373032.78	3756268.00	0.55790	(96100606)	373138.88	3756266.25	0.53758	(96100606)
373245.00	3756264.25	0.51860	(96100606)	373351.12	3756262.25	0.50089	(96100606)
373457.25	3756260.50	0.48435	(96100606)	373481.81	3756235.00	0.47631	(96100606)
373480.34	3756122.50	0.45122	(96100606)	373478.88	3756009.75	0.41872	(96100606)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.38179	(96100606)	373475.94	3755784.50	0.35591	(96032006)
373474.47	3755672.00	0.37211	(96051703)	373473.00	3755559.25	0.39798	(96051703)
373447.00	3755534.75	0.40874	(96051703)	373334.22	3755539.25	0.43573	(96051703)
373221.47	3755543.75	0.46454	(96051703)	373197.47	3755568.25	0.46712	(96051703)
373195.91	3755636.25	0.45402	(96051703)	373194.34	3755704.50	0.43720	(96051703)
373219.59	3755680.00	0.43654	(96051703)	373134.91	3755679.00	0.46168	(96051703)
373159.66	3755703.50	0.44771	(96051703)	373157.94	3755634.75	0.46538	(96051703)
373156.22	3755566.00	0.47906	(96051703)	373132.47	3755541.75	0.48934	(96051703)
373055.34	3755537.75	0.51177	(96051703)	373079.06	3755562.25	0.50183	(96051703)
373077.12	3755465.00	0.51131	(96051703)	373075.16	3755368.00	0.51148	(96051703)
373073.19	3755270.75	0.51005	(96092703)	373071.22	3755173.50	0.52614	(96092703)
373046.00	3755149.00	0.53695	(96092703)	372939.09	3755150.00	0.57181	(96092703)
372832.16	3755151.00	0.60743	(96092703)	372725.25	3755152.00	0.64327	(96092703)
372622.81	3755157.25	0.67771	(96092703)	372527.31	3755158.00	0.70858	(96092703)
372430.69	3755159.00	0.73808	(96092703)	372334.09	3755159.75	0.76474	(96092703)
372237.47	3755160.50	0.78754	(96092703)	372138.81	3755161.25	0.80552	(96092703)
372040.12	3755162.25	0.81692	(96092703)	371941.47	3755163.00	0.81999	(96092703)
371842.78	3755163.75	0.81355	(96092703)	371747.72	3755164.50	0.79741	(96092703)
371652.69	3755165.25	0.77386	(96053124)	371557.62	3755166.25	0.80744	(96012203)
371462.59	3755167.00	0.84829	(96012203)	371359.16	3755167.75	0.85760	(96012203)
371255.72	3755168.75	0.82256	(96102724)	371152.25	3755169.50	0.87596	(96102724)
371048.81	3755170.50	0.90919	(96102724)	371024.06	3755196.50	0.93570	(96102724)
371027.69	3755273.25	1.00174	(96102724)	371031.34	3755350.25	1.06767	(96102724)
371019.94	3755375.50	1.09644	(96102724)	371017.91	3755470.00	1.18015	(96102724)
371017.38	3755556.25	1.24662	(96102724)	371040.31	3755531.50	1.20067	(96102724)
371025.97	3755420.25	1.13148	(96102724)	371015.62	3755399.00	1.12020	(96102724)
370915.81	3755327.25	1.08255	(96102724)	370816.03	3755255.25	1.14699	(96012206)
370736.56	3755243.75	1.17451	(96012206)	370669.19	3755237.00	1.15417	(96012206)
370571.06	3755237.25	1.21809	(96022621)	370475.62	3755237.75	1.29914	(96021106)
370380.12	3755238.25	1.36282	(96021106)	370278.66	3755239.00	1.36508	(96031406)
370177.19	3755239.50	1.30415	(96031406)	370075.72	3755240.00	1.11826	(96102003)
369979.41	3755240.50	1.13460	(96021709)	369883.09	3755241.00	1.20587	(96021709)
369786.78	3755241.50	1.19398	(96021709)	369690.47	3755242.00	1.10934	(96021709)
369594.16	3755242.75	1.15279	(96042103)	369497.88	3755243.25	1.16227	(96042103)
369396.38	3755243.75	1.10282	(96042103)	369294.91	3755244.25	0.99302	(96042103)
369193.44	3755244.75	0.89857	(96011906)	369091.97	3755245.25	0.93157	(96042106)
368990.50	3755246.00	0.93476	(96042106)	368889.03	3755246.50	0.90791	(96042106)
368782.41	3755247.00	0.85612	(96042106)	368675.78	3755247.50	0.82366	(96060503)
368569.12	3755248.25	0.85695	(96060503)	368471.00	3755248.75	0.87133	(96060503)
368372.84	3755249.25	0.87251	(96060503)	368274.69	3755249.75	0.86279	(96060503)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.83119	(96060503)	368053.72	3755209.25	0.80392	(96091806)
367940.91	3755188.50	0.78871	(96091806)	367824.03	3755184.75	0.77476	(96091806)
367710.84	3755181.25	0.75408	(96091806)	367597.62	3755177.50	0.72813	(96091806)
367484.44	3755174.00	0.69863	(96091806)	367460.69	3755189.25	0.69235	(96091806)
367415.00	3755295.25	0.71458	(96101106)	367369.31	3755401.25	0.78411	(96101106)
367323.59	3755507.25	0.81672	(96101106)	367483.66	3755199.00	0.69904	(96091806)
367300.88	3755623.25	0.81140	(96101106)	367114.28	3756056.25	0.69638	(96101403)
366984.53	3756357.50	0.71552	(96100106)	366852.91	3756663.00	0.74605	(96100106)
366902.28	3756692.00	0.75390	(96100106)	366875.53	3756760.00	0.73476	(96100106)
366812.69	3756738.50	0.72642	(96100106)	366677.25	3757024.50	0.66608	(96101003)
366536.22	3757322.00	0.55879	(96101003)	366437.28	3757530.75	0.53582	(96030103)
366486.94	3757537.25	0.54750	(96030103)	366623.91	3757468.00	0.56216	(96030103)
366644.38	3757530.75	0.58019	(96030103)	366777.06	3757519.75	0.60820	(96030103)
366998.56	3757642.25	0.66470	(96030103)	367174.25	3757739.50	0.68678	(96021806)
367290.72	3757694.25	0.71494	(96021806)	367412.66	3757694.75	0.75712	(96021806)
367409.81	3757735.75	0.76225	(96021806)	367517.78	3757796.25	0.79551	(96021806)
367539.25	3757802.00	0.80058	(96021806)	367609.12	3757676.75	0.82290	(96021806)
367769.06	3757644.25	0.87688	(96021806)	367774.81	3757718.50	0.87355	(96021806)
367809.47	3757834.50	0.84444	(96021806)	367807.06	3757935.50	0.79065	(96021806)
367774.94	3757958.50	0.77692	(96021806)	367798.12	3758011.00	0.74228	(96021806)
367914.41	3757961.50	0.76722	(96021806)	367904.53	3757930.25	0.79103	(96021806)
368108.69	3757840.25	0.84323	(96021806)	368232.75	3757790.25	0.87096	(96021806)
368308.88	3757761.50	0.88526	(96021806)	368603.38	3757765.00	0.97122	(96062503)
368603.84	3757718.50	0.96351	(96062503)	368769.72	3757798.50	1.07441	(96062503)
369017.16	3757954.25	1.00376	(96030324)	369080.28	3757864.00	1.06740	(96030324)
369224.00	3757952.25	1.09577	(96030324)	369408.72	3757730.00	1.32615	(96030324)
369454.22	3757776.00	1.27086	(96021924)	369264.97	3757996.50	1.04440	(96030324)
369451.62	3758128.00	0.78420	(96021924)	369459.97	3758394.25	0.61872	(96041024)
369853.09	3758394.25	0.72823	(96041024)	369850.44	3758078.00	0.92440	(96041024)
370298.62	3758078.25	1.10863	(96052421)	370297.53	3757962.75	1.24263	(96052421)
370382.34	3757966.00	1.26892	(96052421)	370510.12	3758027.25	1.11923	(96052421)
370505.62	3758087.75	1.06995	(96052421)	370886.41	3758089.00	0.86358	(96092403)
370885.06	3757750.50	1.16539	(96033124)	370907.31	3757701.50	1.27741	(96021821)
370944.91	3757670.00	1.41391	(96021821)	371045.81	3757667.50	1.50153	(96021821)
371046.34	3757585.00	1.65200	(96021821)	371121.66	3757583.50	1.60682	(96021821)
371192.59	3757720.25	1.40008	(96021821)	371253.97	3757762.25	1.32227	(96021821)
371263.66	3757782.50	1.29795	(96021821)	371372.34	3757782.25	1.33606	(96092324)
371399.44	3757806.25	1.31158	(96092324)	371798.31	3758080.25	1.09844	(96092324)
371908.19	3757933.50	1.23703	(96092324)	371964.22	3757921.75	1.21771	(96092324)
371970.19	3757841.50	1.23966	(96092324)	372023.31	3757843.25	1.19758	(96092324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.34331	(96062224)	372002.41	3757140.25	1.47564	(96091624)
371514.12	3757136.25	2.07408	(96091624)	371034.56	3757132.50	3.05029	(96091921)
371034.44	3757085.25	3.01941	(96091921)	370764.19	3757087.00	3.91264	(96091921)
370754.00	3756817.75	5.48807	(96052521)	371031.47	3756807.25	3.47245	(96052521)
371033.12	3756780.25	3.31233	(96060303)	371483.09	3756770.25	2.04911	(96092524)
371817.25	3756763.00	1.55200	(96092524)	372274.41	3756752.75	1.11074	(96092524)
372713.41	3756743.00	0.84468	(96092524)	372702.62	3756552.50	0.81681	(96092524)
372818.81	3756548.75	0.76387	(96092524)	372814.44	3756455.00	0.72389	(96092524)
372796.75	3756367.50	0.67787	(96092524)	372704.81	3756371.50	0.71158	(96092524)
372706.31	3756326.75	0.67722	(96092524)	372927.09	3756319.25	0.60847	(96092524)
372926.22	3756245.00	0.57321	(96100606)	373456.81	3756235.50	0.47999	(96100606)
373448.00	3755559.75	0.40385	(96051703)	373222.47	3755568.75	0.46014	(96051703)
373219.34	3755705.00	0.42985	(96051703)	373134.66	3755704.00	0.45510	(96051703)
373131.22	3755566.75	0.48606	(96051703)	373054.09	3755562.75	0.50910	(96051703)
373046.22	3755174.00	0.53430	(96092703)	372725.47	3755177.00	0.64421	(96092703)
372624.12	3755182.25	0.67982	(96092703)	372237.69	3755185.50	0.79892	(96092703)
371843.00	3755188.75	0.83653	(96092703)	371462.81	3755192.00	0.85228	(96012203)
371049.03	3755195.50	0.92949	(96102724)	371056.31	3755349.00	1.05196	(96102724)
371043.41	3755384.00	1.08863	(96102724)	371042.38	3755556.25	1.21247	(96102724)
370995.81	3755560.25	1.27758	(96102724)	371001.00	3755419.25	1.14850	(96102724)
370801.41	3755275.50	1.17192	(96012206)	370666.66	3755261.75	1.17998	(96012206)
370380.28	3755263.25	1.37440	(96021106)	370075.88	3755265.00	1.14661	(96102003)
369786.91	3755266.50	1.21637	(96021709)	369498.00	3755268.25	1.18287	(96042103)
369193.59	3755269.75	0.92066	(96042106)	368889.16	3755271.50	0.91602	(96042106)
368569.28	3755273.25	0.88597	(96060503)	368274.84	3755274.75	0.87942	(96060503)
367936.44	3755213.25	0.80031	(96091806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.65864	(96062303)	372498.53	3757611.75	2.29405	(96062303)
372248.53	3757861.75	2.40688	(96011524)	372498.53	3757861.75	2.24245	(96011524)
372248.53	3758111.75	2.15870	(96100806)	372498.53	3758111.75	1.99979	(96100806)
372248.53	3758361.75	1.73994	(96100806)	372498.53	3758361.75	1.78007	(96100806)
373792.78	3755334.75	0.80947	(96010203)	374092.78	3755334.75	0.70761	(96010203)
373792.78	3755709.75	0.73621c	(96052103)	374092.78	3755709.75	0.70749c	(96052103)
373792.78	3756084.75	0.85308c	(96052103)	374092.78	3756084.75	0.76621c	(96052103)
373792.78	3756459.75	0.84077	(96052203)	374092.78	3756459.75	0.76727	(96052203)
373792.78	3756834.75	0.82686	(96052203)	374092.78	3756834.75	0.75606	(96052203)
373792.78	3757209.75	1.16546	(96061403)	374092.78	3757209.75	1.02078	(96061403)
373792.78	3757584.75	1.21989	(96061403)	374092.78	3757584.75	1.11121	(96061403)
373792.78	3757959.75	1.21913	(96100224)	374092.78	3757959.75	1.08153	(96100224)
373792.78	3758334.75	1.27372	(96011524)	374092.78	3758334.75	1.12117	(96062303)
373792.78	3758709.75	1.27603	(96011524)	374092.78	3758709.75	1.18416	(96011524)
370479.03	3756653.75	23.89455	(96092524)	367277.91	3755613.50	1.79250	(96012906)
367231.25	3755721.75	1.72186	(96012906)	367184.62	3755830.00	1.59112	(96012906)
367137.97	3755938.25	1.41369	(96012906)	367091.34	3756046.50	1.54967	(96010806)
367048.09	3756146.75	1.73829	(96010806)	367004.81	3756247.25	1.87136	(96010806)
366961.56	3756347.50	1.93711	(96010806)	366917.69	3756449.50	1.93245	(96010806)
366873.81	3756551.25	1.86101	(96010806)	366829.94	3756653.00	1.73490	(96010806)
366840.22	3756684.50	1.70157	(96010806)	366889.59	3756713.50	1.69069	(96010806)
366879.00	3756682.75	1.72768	(96010806)	366852.25	3756751.00	1.61192	(96010806)
366883.62	3756736.50	1.65233	(96010806)	366820.78	3756715.00	1.64809	(96010806)
366790.12	3756728.00	1.61210	(96010806)	366744.97	3756823.25	1.45483	(96101003)
366699.81	3756918.50	1.45090	(96101003)	366654.66	3757013.75	1.42210	(96101003)
366607.66	3757113.00	1.36921	(96101003)	366560.62	3757212.00	1.29751	(96101003)
366513.62	3757311.25	1.21158	(96101003)	366464.16	3757415.75	1.11104	(96101003)
366414.69	3757520.00	1.03649	(96041406)	366434.03	3757555.50	1.01930	(96041406)
366483.69	3757562.00	1.02437	(96041406)	366566.69	3757525.00	1.06596	(96041406)
366620.62	3757538.50	1.06707	(96041406)	366646.41	3757555.50	1.05852	(96041406)
366712.75	3757550.25	1.07442	(96041406)	366779.09	3757544.75	1.09062	(96041406)
366838.81	3757582.50	1.06247	(96041406)	366912.62	3757623.25	1.04783	(96102306)
366986.47	3757664.25	1.08357	(96102306)	367074.31	3757712.75	1.11512	(96102306)
367162.16	3757761.25	1.13179	(96102306)	367299.75	3757717.75	1.19463	(96102306)
367384.88	3757734.00	1.21201	(96102306)	367397.59	3757757.50	1.19961	(96102306)
367505.56	3757818.00	1.16408	(96102306)	367532.81	3757826.00	1.15724	(96102306)
367561.06	3757814.00	1.17188	(96102306)	367596.03	3757751.50	1.24269	(96102306)
367630.97	3757689.00	1.31052	(96102306)	367694.09	3757685.00	1.32817	(96102306)
367749.88	3757720.50	1.29499	(96102306)	367785.50	3757841.75	1.34105	(96101906)
367782.09	3757935.00	1.34833	(96101906)	367752.06	3757968.50	1.32600	(96101906)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.33566	(96101906)	367807.91	3758034.00	1.35285	(96101906)
367866.06	3758009.25	1.39503	(96101906)	367924.19	3757984.50	1.43914	(96101906)
367938.25	3757954.00	1.45791	(96101906)	367928.38	3757922.75	1.45829	(96101906)
367914.62	3757953.25	1.44189	(96101906)	368016.69	3757908.25	1.52701	(96101906)
368118.78	3757863.25	1.61996	(96101906)	368180.06	3757838.50	1.67886	(96101906)
368242.09	3757813.50	1.74157	(96101906)	368317.75	3757784.75	1.84515	(96100324)
368406.72	3757787.75	2.01206	(96100324)	368504.88	3757788.75	2.19857	(96100324)
368603.06	3757790.00	2.38168	(96100324)	368628.38	3757765.25	2.42807	(96100324)
368675.91	3757781.00	2.51196	(96100324)	368758.84	3757821.00	2.60278	(96100324)
368838.88	3757871.50	2.57932	(96100324)	368921.38	3757923.50	2.43256	(96100324)
369003.84	3757975.50	2.17032	(96100324)	369037.66	3757968.75	2.13707	(96100324)
369100.78	3757878.25	2.36741	(96100324)	369067.19	3757885.25	2.39873	(96100324)
369139.03	3757929.50	2.23151	(96051024)	369210.91	3757973.75	2.12318	(96051024)
369243.25	3757968.25	2.12100	(96061103)	369304.81	3757894.25	2.27381	(96061103)
369366.38	3757820.00	2.44566	(96061103)	369436.44	3757793.50	2.50634	(96061103)
369435.25	3757759.75	2.60164	(96061103)	369250.56	3758016.75	2.03293	(96061103)
369343.91	3758082.50	1.83052	(96061103)	369437.25	3758148.25	1.61253	(96020206)
369429.41	3758217.50	1.56641	(96020206)	369432.19	3758306.25	1.50314	(96020206)
369434.97	3758395.00	1.42605	(96020206)	369459.97	3758419.25	1.39548	(96020206)
369558.25	3758419.25	1.42323	(96021424)	369656.53	3758419.25	1.55150	(96021424)
369754.81	3758419.25	1.58857	(96021424)	369853.09	3758419.25	1.51979	(96021424)
369878.09	3758394.00	1.51217	(96021424)	369877.19	3758288.75	1.62691	(96021424)
369876.31	3758183.25	1.74424	(96021424)	369962.47	3758103.00	1.90489	(96010924)
370074.53	3758103.00	2.40078	(96010924)	370186.59	3758103.00	2.80451	(96010924)
370298.62	3758103.25	3.03155	(96010924)	370323.62	3758078.00	3.09941	(96010924)
370381.38	3757991.00	3.25560	(96010924)	370435.41	3758019.25	3.11346	(96010924)
370499.31	3758049.75	2.88407	(96010924)	370485.19	3758025.25	2.96299	(96010924)
370480.69	3758086.00	2.89644	(96010924)	370505.53	3758112.75	2.78784	(96010924)
370600.72	3758113.25	2.41949	(96010924)	370695.94	3758113.50	2.43126	(96011824)
370791.12	3758113.75	2.57705	(96011824)	370886.34	3758114.00	2.57299	(96011824)
370911.41	3758089.00	2.58478	(96011824)	370910.97	3757976.00	2.73221	(96011824)
370910.53	3757863.25	2.83667	(96011824)	370910.06	3757750.50	2.87304	(96011824)
370930.06	3757711.75	2.81432c	(96021303)	370960.91	3757689.25	3.10751c	(96021303)
371046.47	3757692.50	3.37928c	(96021303)	371070.81	3757667.50	3.51593c	(96021303)
371071.34	3757585.25	3.77159c	(96021303)	371046.88	3757610.00	3.71139c	(96021303)
371122.22	3757608.50	3.63797c	(96021303)	371099.47	3757595.00	3.70637c	(96021303)
371134.94	3757663.25	3.51452c	(96021303)	371170.41	3757731.75	3.32606c	(96021303)
371239.88	3757782.75	3.15955c	(96021303)	371263.72	3757807.50	3.09024c	(96021303)
371372.38	3757807.25	2.87332c	(96021303)	371385.28	3757826.75	2.83843c	(96021303)
371485.00	3757895.25	2.58625c	(96021303)	371584.72	3757963.75	2.35566c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.17219	(96011321)	371784.16	3758100.75	2.01260	(96011321)
371818.31	3758095.25	2.05198	(96100806)	371873.25	3758021.75	2.32206	(96100806)
371928.19	3757948.50	2.52896	(96100806)	371969.34	3757946.25	2.52790	(96100806)
371989.16	3757923.75	2.56515	(96100806)	371995.12	3757843.25	2.69006	(96100806)
371969.38	3757866.50	2.67753	(96100806)	372022.50	3757868.25	2.63073	(96100806)
372048.31	3757843.00	2.63355	(96100806)	372047.16	3757745.75	2.69878	(96100806)
372046.03	3757648.50	2.81736	(96011524)	372044.88	3757551.25	2.98836	(96062303)
372040.50	3757447.75	3.06468	(96062303)	372036.12	3757345.00	3.00367	(96062303)
372031.75	3757242.00	2.95908	(96100224)	372027.38	3757139.25	2.78878	(96100224)
372002.59	3757115.25	2.79327	(96061403)	371880.53	3757114.25	3.14947	(96100224)
371758.47	3757113.25	3.55311	(96100224)	371636.38	3757112.25	3.99975	(96100224)
371514.31	3757111.25	4.47810	(96100224)	371394.41	3757110.25	5.08734	(96062303)
371274.53	3757109.50	5.67683	(96062303)	371154.62	3757108.50	6.09039	(96062303)
371034.75	3757107.50	6.63971	(96100806)	371059.56	3757132.50	6.44851	(96100806)
371059.44	3757085.25	6.52353	(96101124)	371034.31	3757060.25	6.83798	(96101124)
370944.22	3757060.75	7.30112	(96100806)	370854.12	3757061.25	7.67833	(96011321)
370764.03	3757062.00	9.25527	(96011321)	370789.16	3757086.00	8.74739	(96011321)
370785.78	3756996.25	8.70835	(96011321)	370782.38	3756906.50	9.52639	(96101124)
370778.97	3756816.75	9.79535	(96101206)	370754.94	3756842.75	10.15363	(96090806)
370847.44	3756839.25	8.74731	(96100224)	370939.91	3756835.75	7.95485	(96090324)
371032.41	3756832.25	7.19123	(96090324)	371056.41	3756808.75	7.17852	(96090324)
371058.09	3756781.75	7.29912	(96090324)	371033.69	3756805.25	7.43368	(96090324)
371146.19	3756802.75	6.36984	(96090324)	371258.66	3756800.25	5.47906	(96090324)
371371.16	3756797.75	4.74544	(96090324)	371483.62	3756795.25	4.14273	(96090324)
371595.03	3756793.00	3.64981	(96090324)	371706.41	3756790.50	3.23907	(96090324)
371817.78	3756788.00	2.89418	(96090324)	371932.09	3756785.50	2.59525	(96090324)
372046.38	3756783.00	2.34126	(96090324)	372160.66	3756780.25	2.12330	(96090324)
372274.97	3756777.75	1.93548	(96090324)	372384.72	3756775.50	1.77857	(96090324)
372494.47	3756773.00	1.64032	(96090324)	372604.22	3756770.50	1.51812	(96090324)
372713.97	3756768.00	1.40955	(96090324)	372738.38	3756741.75	1.35841	(96090324)
372732.97	3756646.50	1.32113	(96052203)	372819.62	3756573.75	1.26147	(96052203)
372843.78	3756547.75	1.23641	(96052203)	372839.41	3756453.75	1.18753	(96100606)
372821.25	3756362.50	1.15612	(96100606)	372795.62	3756342.50	1.18340c	(96052103)
372731.31	3756327.75	1.23540c	(96052103)	372707.19	3756351.75	1.23062c	(96052103)
372927.97	3756344.00	1.10494c	(96052103)	372952.09	3756318.75	1.11220c	(96052103)
372951.22	3756244.75	1.15477c	(96052103)	372926.66	3756270.00	1.15687c	(96052103)
373032.78	3756268.00	1.10182c	(96052103)	373138.88	3756266.25	1.04998c	(96052103)
373245.00	3756264.25	1.00141c	(96052103)	373351.12	3756262.25	0.95582c	(96052103)
373457.25	3756260.50	0.91286c	(96052103)	373481.81	3756235.00	0.91654c	(96052103)
373480.34	3756122.50	0.95211c	(96052103)	373478.88	3756009.75	0.94572c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.89927c	(96052103)	373475.94	3755784.50	0.81941c	(96052103)
373474.47	3755672.00	0.80029	(96010203)	373473.00	3755559.25	0.86983	(96010203)
373447.00	3755534.75	0.89284	(96010203)	373334.22	3755539.25	0.94410	(96010203)
373221.47	3755543.75	0.99564	(96010203)	373197.47	3755568.25	1.00113	(96010203)
373195.91	3755636.25	0.97559	(96010203)	373194.34	3755704.50	0.93477	(96010203)
373219.59	3755680.00	0.93662	(96010203)	373134.91	3755679.00	0.98726	(96010203)
373159.66	3755703.50	0.95650	(96010203)	373157.94	3755634.75	0.99743	(96010203)
373156.22	3755566.00	1.02170	(96010203)	373132.47	3755541.75	1.03652	(96010203)
373055.34	3755537.75	1.07001	(96010203)	373079.06	3755562.25	1.05872	(96010203)
373077.12	3755465.00	1.05102	(96010203)	373075.16	3755368.00	1.02818	(96010106)
373073.19	3755270.75	0.97463	(96010106)	373071.22	3755173.50	0.89650	(96010106)
373046.00	3755149.00	0.87054	(96010106)	372939.09	3755150.00	0.88954	(96012524)
372832.16	3755151.00	0.90193	(96012524)	372725.25	3755152.00	0.90545	(96012524)
372622.81	3755157.25	0.90295	(96012524)	372527.31	3755158.00	0.93882	(96062306)
372430.69	3755159.00	1.04981	(96062306)	372334.09	3755159.75	1.16815	(96032606)
372237.47	3755160.50	1.29143	(96032606)	372138.81	3755161.25	1.41667	(96032606)
372040.12	3755162.25	1.53812	(96032606)	371941.47	3755163.00	1.65318	(96032606)
371842.78	3755163.75	1.75990	(96032606)	371747.72	3755164.50	1.85417	(96032606)
371652.69	3755165.25	1.94033	(96032606)	371557.62	3755166.25	2.01896	(96032606)
371462.59	3755167.00	2.08831	(96032606)	371359.16	3755167.75	2.14695	(96032606)
371255.72	3755168.75	2.17329	(96032606)	371152.25	3755169.50	2.52569	(96051203)
371048.81	3755170.50	2.89338	(96051203)	371024.06	3755196.50	3.00190	(96051203)
371027.69	3755273.25	3.06939	(96051203)	371031.34	3755350.25	3.10149	(96051203)
371019.94	3755375.50	3.16941	(96051203)	371017.91	3755470.00	3.18057	(96051203)
371017.38	3755556.25	3.11080	(96051203)	371040.31	3755531.50	2.97112	(96051203)
371025.97	3755420.25	3.14216	(96051203)	371015.62	3755399.00	3.19968	(96051203)
370915.81	3755327.25	3.56715	(96051203)	370816.03	3755255.25	3.55105	(96051203)
370736.56	3755243.75	3.46000	(96051203)	370669.19	3755237.00	3.27154	(96051203)
370571.06	3755237.25	2.86496	(96051203)	370475.62	3755237.75	2.98609	(96021106)
370380.12	3755238.25	3.08169	(96021106)	370278.66	3755239.00	2.95235	(96021106)
370177.19	3755239.50	2.60667	(96021106)	370075.72	3755240.00	2.11798	(96021106)
369979.41	3755240.50	2.05903	(96010121)	369883.09	3755241.00	2.03058	(96010121)
369786.78	3755241.50	2.10297c	(96011124)	369690.47	3755242.00	2.12343	(96010121)
369594.16	3755242.75	2.33138	(96010103)	369497.88	3755243.25	2.85785	(96020306)
369396.38	3755243.75	3.79757	(96020306)	369294.91	3755244.25	4.44401	(96020306)
369193.44	3755244.75	4.58372	(96020306)	369091.97	3755245.25	4.21585	(96020306)
368990.50	3755246.00	3.51474	(96020306)	368889.03	3755246.50	2.70821	(96020306)
368782.41	3755247.00	2.48094	(96041103)	368675.78	3755247.50	2.61413	(96041103)
368569.12	3755248.25	2.67782	(96041103)	368471.00	3755248.75	2.67956	(96041103)
368372.84	3755249.25	2.63531	(96041103)	368274.69	3755249.75	2.55387	(96041103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	2.42826	(96041103)	368053.72	3755209.25	2.31291	(96052806)
367940.91	3755188.50	2.26413	(96052806)	367824.03	3755184.75	2.20952	(96052806)
367710.84	3755181.25	2.12960	(96052806)	367597.62	3755177.50	2.03021	(96052806)
367484.44	3755174.00	1.91773	(96052806)	367460.69	3755189.25	1.88346	(96052806)
367415.00	3755295.25	1.72343	(96052806)	367369.31	3755401.25	1.74088	(96012906)
367323.59	3755507.25	1.79735	(96012906)	367483.66	3755199.00	1.90279	(96052806)
367300.88	3755623.25	1.80965	(96012906)	367114.28	3756056.25	1.57625	(96010806)
366984.53	3756357.50	1.95771	(96010806)	366852.91	3756663.00	1.73705	(96010806)
366902.28	3756692.00	1.72942	(96010806)	366875.53	3756760.00	1.61046	(96010806)
366812.69	3756738.50	1.60917	(96010806)	366677.25	3757024.50	1.43123	(96101003)
366536.22	3757322.00	1.20980	(96101003)	366437.28	3757530.75	1.03518	(96041406)
366486.94	3757537.25	1.04144	(96041406)	366623.91	3757468.00	1.11606	(96041406)
366644.38	3757530.75	1.07757	(96041406)	366777.06	3757519.75	1.11246	(96041406)
366998.56	3757642.25	1.08813	(96102306)	367174.25	3757739.50	1.14388	(96102306)
367290.72	3757694.25	1.20130	(96102306)	367412.66	3757694.75	1.24367	(96102306)
367409.81	3757735.75	1.21770	(96102306)	367517.78	3757796.25	1.18744	(96102306)
367539.25	3757802.00	1.18355	(96102306)	367609.12	3757676.75	1.31579	(96102306)
367769.06	3757644.25	1.38735	(96102306)	367774.81	3757718.50	1.29929	(96102306)
367809.47	3757834.50	1.36013	(96101906)	367807.06	3757935.50	1.36688	(96101906)
367774.94	3757958.50	1.34261	(96101906)	367798.12	3758011.00	1.35205	(96101906)
367914.41	3757961.50	1.43966	(96101906)	367904.53	3757930.25	1.43941	(96101906)
368108.69	3757840.25	1.61971	(96101906)	368232.75	3757790.25	1.74466	(96101906)
368308.88	3757761.50	1.82721	(96101906)	368603.38	3757765.00	2.38021	(96100324)
368603.84	3757718.50	2.36648	(96100324)	368769.72	3757798.50	2.64174	(96100324)
369017.16	3757954.25	2.22387	(96100324)	369080.28	3757864.00	2.46021	(96100324)
369224.00	3757952.25	2.16073	(96051024)	369408.72	3757730.00	2.67101	(96061103)
369454.22	3757776.00	2.54890	(96061103)	369264.97	3757996.50	2.07014	(96061103)
369451.62	3758128.00	1.63749	(96020206)	369459.97	3758394.25	1.42077	(96020206)
369853.09	3758394.25	1.54535	(96021424)	369850.44	3758078.00	1.87021	(96021424)
370298.62	3758078.25	3.07967	(96010924)	370297.53	3757962.75	3.31181	(96010924)
370382.34	3757966.00	3.30260	(96010924)	370510.12	3758027.25	2.87038	(96010924)
370505.62	3758087.75	2.81732	(96010924)	370886.41	3758089.00	2.61383	(96011824)
370885.06	3757750.50	2.99469	(96011824)	370907.31	3757701.50	2.87491	(96011824)
370944.91	3757670.00	3.14342c	(96021303)	371045.81	3757667.50	3.48647c	(96021303)
371046.34	3757585.00	3.79416c	(96021303)	371121.66	3757583.50	3.77638	(96011321)
371192.59	3757720.25	3.32891c	(96021303)	371253.97	3757762.25	3.16995c	(96021303)
371263.66	3757782.50	3.12763c	(96021303)	371372.34	3757782.25	2.90329	(96011321)
371399.44	3757806.25	2.81921	(96011321)	371798.31	3758080.25	2.07462	(96100806)
371908.19	3757933.50	2.56527	(96100806)	371964.22	3757921.75	2.57935	(96100806)
371970.19	3757841.50	2.71610	(96100806)	372023.31	3757843.25	2.66105	(96100806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	3.01999	(96062303)	372002.41	3757140.25	2.85906	(96100224)
371514.12	3757136.25	4.52812	(96062303)	371034.56	3757132.50	6.58106	(96100806)
371034.44	3757085.25	6.65039	(96100806)	370764.19	3757087.00	9.04171	(96011321)
370754.00	3756817.75	10.31258	(96090806)	371031.47	3756807.25	7.44100	(96090324)
371033.12	3756780.25	7.58471	(96090324)	371483.09	3756770.25	4.10230	(96090324)
371817.25	3756763.00	2.84805	(96090324)	372274.41	3756752.75	1.89886	(96090324)
372713.41	3756743.00	1.38178	(96090324)	372702.62	3756552.50	1.31412	(96052203)
372818.81	3756548.75	1.24971	(96052203)	372814.44	3756455.00	1.20304	(96100606)
372796.75	3756367.50	1.17282	(96100606)	372704.81	3756371.50	1.22950	(96100606)
372706.31	3756326.75	1.25208c	(96052103)	372927.09	3756319.25	1.12565c	(96052103)
372926.22	3756245.00	1.16789c	(96052103)	373456.81	3756235.50	0.92622c	(96052103)
373448.00	3755559.75	0.88166	(96010203)	373222.47	3755568.75	0.98872	(96010203)
373219.34	3755705.00	0.91940	(96010203)	373134.66	3755704.00	0.97145	(96010203)
373131.22	3755566.75	1.03355	(96010203)	373054.09	3755562.75	1.07013	(96010203)
373046.22	3755174.00	0.89449	(96010106)	372725.47	3755177.00	0.92395	(96012524)
372624.12	3755182.25	0.92550	(96012524)	372237.69	3755185.50	1.27213	(96032606)
371843.00	3755188.75	1.76441	(96032606)	371462.81	3755192.00	2.11330	(96032606)
371049.03	3755195.50	2.91804	(96051203)	371056.31	3755349.00	2.97406	(96051203)
371043.41	3755384.00	3.04421	(96051203)	371042.38	3755556.25	2.92437	(96032003)
370995.81	3755560.25	3.27384	(96051203)	371001.00	3755419.25	3.28752	(96051203)
370801.41	3755275.50	3.62502	(96051203)	370666.66	3755261.75	3.36799	(96051203)
370380.28	3755263.25	3.16063	(96021106)	370075.88	3755265.00	2.15836	(96021106)
369786.91	3755266.50	2.14007c	(96011124)	369498.00	3755268.25	3.04719	(96020306)
369193.59	3755269.75	4.61753	(96020306)	368889.16	3755271.50	2.56630	(96020306)
368569.28	3755273.25	2.73758	(96041103)	368274.84	3755274.75	2.56782	(96041103)
367936.44	3755213.25	2.29156	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	11.53022	(96011524)	372498.53	3757611.75	9.65358	(96011524)
372248.53	3757861.75	10.14174	(96011524)	372498.53	3757861.75	9.42451	(96011524)
372248.53	3758111.75	7.76435	(96100806)	372498.53	3758111.75	7.93026	(96011524)
372248.53	3758361.75	6.13897	(96100806)	372498.53	3758361.75	6.27423	(96100806)
373792.78	3755334.75	3.47251	(96010203)	374092.78	3755334.75	2.97505	(96010203)
373792.78	3755709.75	3.29806c	(96052103)	374092.78	3755709.75	3.03831c	(96052103)
373792.78	3756084.75	3.50358c	(96052103)	374092.78	3756084.75	3.07671c	(96052103)
373792.78	3756459.75	3.71383	(96052203)	374092.78	3756459.75	3.31205	(96052203)
373792.78	3756834.75	3.82243	(96061403)	374092.78	3756834.75	3.27734	(96061403)
373792.78	3757209.75	4.78835	(96061403)	374092.78	3757209.75	4.16591	(96061403)
373792.78	3757584.75	4.72581	(96061403)	374092.78	3757584.75	4.27951	(96061403)
373792.78	3757959.75	4.38568	(96011524)	374092.78	3757959.75	3.63369	(96061403)
373792.78	3758334.75	5.03286	(96011524)	374092.78	3758334.75	4.33967	(96011524)
373792.78	3758709.75	4.75867	(96011524)	374092.78	3758709.75	4.43968	(96011524)
370479.03	3756653.75	197.05119	(96062224)	367277.91	3755613.50	7.16364	(96012906)
367231.25	3755721.75	6.78956	(96012906)	367184.62	3755830.00	6.22422	(96012906)
367137.97	3755938.25	6.66657	(96010806)	367091.34	3756046.50	7.36645	(96010806)
367048.09	3756146.75	7.80791	(96010806)	367004.81	3756247.25	8.01887	(96010806)
366961.56	3756347.50	7.98970	(96010806)	366917.69	3756449.50	7.73005	(96010806)
366873.81	3756551.25	7.27375	(96010806)	366829.94	3756653.00	6.66872	(96010806)
366840.22	3756684.50	6.52225	(96010806)	366889.59	3756713.50	6.47904	(96010806)
366879.00	3756682.75	6.63648	(96010806)	366852.25	3756751.00	6.14779	(96010806)
366883.62	3756736.50	6.31817	(96010806)	366820.78	3756715.00	6.29369	(96010806)
366790.12	3756728.00	6.14089	(96010806)	366744.97	3756823.25	5.44766	(96010806)
366699.81	3756918.50	4.74875	(96010806)	366654.66	3757013.75	4.29757	(96101003)
366607.66	3757113.00	4.18788	(96041406)	366560.62	3757212.00	4.11894	(96041406)
366513.62	3757311.25	3.98692	(96041406)	366464.16	3757415.75	3.79075	(96041406)
366414.69	3757520.00	3.54980	(96041406)	366434.03	3757555.50	3.48639	(96041406)
366483.69	3757562.00	3.50656	(96041406)	366566.69	3757525.00	3.66070	(96041406)
366620.62	3757538.50	3.66727	(96041406)	366646.41	3757555.50	3.63861	(96041406)
366712.75	3757550.25	3.70058	(96041406)	366779.09	3757544.75	3.76428	(96041406)
366838.81	3757582.50	3.76573	(96101006)	366912.62	3757623.25	3.89886	(96101006)
366986.47	3757664.25	4.00962	(96101006)	367074.31	3757712.75	4.10458	(96101006)
367162.16	3757761.25	4.15097	(96101006)	367299.75	3757717.75	4.41608	(96101006)
367384.88	3757734.00	4.52695	(96011403)	367397.59	3757757.50	4.54544	(96011403)
367505.56	3757818.00	4.66753	(96011403)	367532.81	3757826.00	4.69222	(96011403)
367561.06	3757814.00	4.75886	(96011403)	367596.03	3757751.50	4.93639	(96011403)
367630.97	3757689.00	5.09257	(96011403)	367694.09	3757685.00	5.23815	(96011403)
367749.88	3757720.50	5.28224	(96011403)	367785.50	3757841.75	4.96986c	(96011024)
367782.09	3757935.00	4.93359c	(96011224)	367752.06	3757968.50	4.86871c	(96011224)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	5.00265c	(96011224)	367807.91	3758034.00	5.11794c	(96011224)
367866.06	3758009.25	5.30388c	(96011224)	367924.19	3757984.50	5.49930c	(96011224)
367938.25	3757954.00	5.54249c	(96011224)	367928.38	3757922.75	5.48619c	(96011224)
367914.62	3757953.25	5.45426c	(96011224)	368016.69	3757908.25	5.82787c	(96011224)
368118.78	3757863.25	6.23990c	(96011224)	368180.06	3757838.50	6.50739c	(96011224)
368242.09	3757813.50	6.79414c	(96011224)	368317.75	3757784.75	7.16571c	(96011224)
368406.72	3757787.75	7.56439c	(96011224)	368504.88	3757788.75	8.08426	(96100324)
368603.06	3757790.00	8.74204	(96100324)	368628.38	3757765.25	8.94846	(96100324)
368675.91	3757781.00	9.22762	(96100324)	368758.84	3757821.00	9.50876	(96100324)
368838.88	3757871.50	9.41050	(96100324)	368921.38	3757923.50	9.13336	(96051024)
369003.84	3757975.50	9.55264	(96051024)	369037.66	3757968.75	9.76708	(96051024)
369100.78	3757878.25	10.64808	(96051024)	369067.19	3757885.25	10.38657	(96051024)
369139.03	3757929.50	10.46704	(96051024)	369210.91	3757973.75	10.13681	(96051024)
369243.25	3757968.25	10.15993	(96051024)	369304.81	3757894.25	10.98180	(96051024)
369366.38	3757820.00	11.92506	(96051024)	369436.44	3757793.50	12.08388	(96051024)
369435.25	3757759.75	12.72184	(96051024)	369250.56	3758016.75	9.55839	(96051024)
369343.91	3758082.50	8.19072	(96051024)	369437.25	3758148.25	7.53998	(96020206)
369429.41	3758217.50	7.19279	(96020206)	369432.19	3758306.25	6.77518	(96020206)
369434.97	3758395.00	6.34367	(96020206)	369459.97	3758419.25	6.21251	(96020206)
369558.25	3758419.25	6.84394	(96021424)	369656.53	3758419.25	7.29780	(96021424)
369754.81	3758419.25	7.49336	(96021424)	369853.09	3758419.25	7.38961	(96021424)
369878.09	3758394.00	7.64110	(96010924)	369877.19	3758288.75	8.22107	(96021424)
369876.31	3758183.25	9.05777	(96021424)	369962.47	3758103.00	10.53864	(96010924)
370074.53	3758103.00	12.92434	(96010924)	370186.59	3758103.00	14.94283	(96010924)
370298.62	3758103.25	16.19830	(96010924)	370323.62	3758078.00	16.75213	(96010924)
370381.38	3757991.00	18.40457	(96010924)	370435.41	3758019.25	17.65260	(96010924)
370499.31	3758049.75	16.52364	(96010924)	370485.19	3758025.25	17.07115	(96010924)
370480.69	3758086.00	16.20273	(96010924)	370505.53	3758112.75	15.56515	(96010924)
370600.72	3758113.25	14.15855	(96010924)	370695.94	3758113.50	12.25630	(96010924)
370791.12	3758113.75	10.11686	(96010924)	370886.34	3758114.00	9.26914	(96011824)
370911.41	3758089.00	9.43456	(96011824)	370910.97	3757976.00	10.53527	(96053103)
370910.53	3757863.25	12.26712	(96053103)	370910.06	3757750.50	14.17576	(96053103)
370930.06	3757711.75	14.81799	(96053103)	370960.91	3757689.25	14.99728	(96053103)
371046.47	3757692.50	14.98043c	(96021303)	371070.81	3757667.50	15.67786c	(96021303)
371071.34	3757585.25	17.47773c	(96021303)	371046.88	3757610.00	16.94987c	(96021303)
371122.22	3757608.50	16.75460c	(96021303)	371099.47	3757595.00	17.14278c	(96021303)
371134.94	3757663.25	15.74357c	(96021303)	371170.41	3757731.75	14.49876c	(96021303)
371239.88	3757782.75	13.58106c	(96021303)	371263.72	3757807.50	13.18856c	(96021303)
371372.38	3757807.25	12.51063c	(96021303)	371385.28	3757826.75	12.27473c	(96021303)
371485.00	3757895.25	11.07367c	(96021303)	371584.72	3757963.75	10.00440c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	9.05584c	(96021303)	371784.16	3758100.75	8.21546c	(96021303)
371818.31	3758095.25	7.93526c	(96021303)	371873.25	3758021.75	8.44220	(96100806)
371928.19	3757948.50	9.24484	(96100806)	371969.34	3757946.25	9.24398	(96100806)
371989.16	3757923.75	9.41128	(96100806)	371995.12	3757843.25	10.42818	(96011524)
371969.38	3757866.50	10.04586	(96011524)	372022.50	3757868.25	10.12249	(96011524)
372048.31	3757843.00	10.48160	(96011524)	372047.16	3757745.75	11.65884	(96011524)
372046.03	3757648.50	12.63224	(96011524)	372044.88	3757551.25	13.29317	(96011524)
372040.50	3757447.75	13.58000	(96011524)	372036.12	3757345.00	13.34593	(96011524)
372031.75	3757242.00	12.56958	(96011524)	372027.38	3757139.25	12.52445	(96061403)
372002.59	3757115.25	12.95750	(96061403)	371880.53	3757114.25	13.92505	(96061403)
371758.47	3757113.25	15.91043	(96011524)	371636.38	3757112.25	18.87918	(96011524)
371514.31	3757111.25	22.33507	(96011524)	371394.41	3757110.25	26.18198	(96011524)
371274.53	3757109.50	30.35905	(96011524)	371154.62	3757108.50	34.14248	(96011524)
371034.75	3757107.50	36.16542	(96011524)	371059.56	3757132.50	34.06855	(96011524)
371059.44	3757085.25	37.42300	(96011524)	371034.31	3757060.25	39.64388	(96011524)
370944.22	3757060.75	40.91304	(96011524)	370854.12	3757061.25	41.31480	(96100806)
370764.03	3757062.00	43.40535c	(96021303)	370789.16	3757086.00	40.59079c	(96021303)
370785.78	3756996.25	50.96895	(96100806)	370782.38	3756906.50	65.35567	(96100806)
370778.97	3756816.75	76.06784	(96101124)	370754.94	3756842.75	78.48142	(96101124)
370847.44	3756839.25	66.08606	(96011524)	370939.91	3756835.75	55.93395	(96062303)
371032.41	3756832.25	45.24128	(96062303)	371056.41	3756808.75	41.91182	(96061403)
371058.09	3756781.75	42.02659	(96061403)	371033.69	3756805.25	44.48930	(96062303)
371146.19	3756802.75	36.70646	(96061403)	371258.66	3756800.25	31.45919	(96061403)
371371.16	3756797.75	27.01336	(96061403)	371483.62	3756795.25	23.35696	(96061403)
371595.03	3756793.00	20.35545	(96061403)	371706.41	3756790.50	17.86802	(96061403)
371817.78	3756788.00	15.78804	(96061403)	371932.09	3756785.50	13.99268	(96061403)
372046.38	3756783.00	12.47462	(96061403)	372160.66	3756780.25	11.17892	(96061403)
372274.97	3756777.75	10.06955	(96061403)	372384.72	3756775.50	9.14900	(96061403)
372494.47	3756773.00	8.34327	(96061403)	372604.22	3756770.50	7.63617	(96061403)
372713.97	3756768.00	7.01260	(96061403)	372738.38	3756741.75	6.69725	(96061403)
372732.97	3756646.50	6.12423	(96052203)	372819.62	3756573.75	5.93369	(96052203)
372843.78	3756547.75	5.85863	(96052203)	372839.41	3756453.75	5.75244	(96052203)
372821.25	3756362.50	5.49963	(96052203)	372795.62	3756342.50	5.48004	(96052203)
372731.31	3756327.75	5.58551	(96052203)	372707.19	3756351.75	5.78330	(96052203)
372927.97	3756344.00	5.13817	(96052203)	372952.09	3756318.75	4.97106	(96052203)
372951.22	3756244.75	5.07350c	(96052103)	372926.66	3756270.00	5.08036c	(96052103)
373032.78	3756268.00	4.77457c	(96052103)	373138.88	3756266.25	4.49533c	(96052103)
373245.00	3756264.25	4.24075c	(96052103)	373351.12	3756262.25	4.00749c	(96052103)
373457.25	3756260.50	3.80745	(96052203)	373481.81	3756235.00	3.80616c	(96052103)
373480.34	3756122.50	4.00488c	(96052103)	373478.88	3756009.75	4.06607c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	3.98592c	(96052103)	373475.94	3755784.50	3.77571c	(96052103)
373474.47	3755672.00	3.52467	(96010203)	373473.00	3755559.25	3.80802	(96010203)
373447.00	3755534.75	3.91686	(96010203)	373334.22	3755539.25	4.18462	(96010203)
373221.47	3755543.75	4.46716	(96010203)	373197.47	3755568.25	4.49737	(96010203)
373195.91	3755636.25	4.37344	(96010203)	373194.34	3755704.50	4.19770	(96010203)
373219.59	3755680.00	4.19303	(96010203)	373134.91	3755679.00	4.45210	(96010203)
373159.66	3755703.50	4.30689	(96010203)	373157.94	3755634.75	4.48840	(96010203)
373156.22	3755566.00	4.61360	(96010203)	373132.47	3755541.75	4.70542	(96010203)
373055.34	3755537.75	4.91604	(96010203)	373079.06	3755562.25	4.83258	(96010203)
373077.12	3755465.00	4.86597	(96010203)	373075.16	3755368.00	4.77229	(96010203)
373073.19	3755270.75	4.60859	(96010106)	373071.22	3755173.50	4.36322	(96010106)
373046.00	3755149.00	4.30238	(96010106)	372939.09	3755150.00	4.35143	(96010106)
372832.16	3755151.00	4.36930	(96010106)	372725.25	3755152.00	4.35104	(96010106)
372622.81	3755157.25	4.33181	(96012524)	372527.31	3755158.00	4.47656	(96032606)
372430.69	3755159.00	5.05716	(96032606)	372334.09	3755159.75	5.69213	(96032606)
372237.47	3755160.50	6.37952	(96032606)	372138.81	3755161.25	7.13220	(96032606)
372040.12	3755162.25	7.93092	(96032606)	371941.47	3755163.00	8.76868	(96032606)
371842.78	3755163.75	9.63445	(96032606)	371747.72	3755164.50	10.48011	(96032606)
371652.69	3755165.25	11.31650	(96032606)	371557.62	3755166.25	12.11659	(96032606)
371462.59	3755167.00	12.83596	(96032606)	371359.16	3755167.75	13.46194	(96032606)
371255.72	3755168.75	13.83764	(96032606)	371152.25	3755169.50	13.84967	(96032606)
371048.81	3755170.50	14.65007	(96020403)	371024.06	3755196.50	15.32704	(96020403)
371027.69	3755273.25	15.43350	(96020403)	371031.34	3755350.25	17.14965	(96032606)
371019.94	3755375.50	17.73239	(96032606)	371017.91	3755470.00	20.25207	(96032606)
371017.38	3755556.25	22.74479	(96032606)	371040.31	3755531.50	21.87747	(96032606)
371025.97	3755420.25	18.90267	(96032606)	371015.62	3755399.00	18.32285	(96032606)
370915.81	3755327.25	18.88992	(96020403)	370816.03	3755255.25	19.81138	(96020403)
370736.56	3755243.75	19.93197	(96020403)	370669.19	3755237.00	19.35378	(96020403)
370571.06	3755237.25	17.70168	(96020403)	370475.62	3755237.75	15.22252	(96020403)
370380.12	3755238.25	12.34528	(96020403)	370278.66	3755239.00	14.03907	(96010121)
370177.19	3755239.50	15.33473	(96010121)	370075.72	3755240.00	16.21771	(96010121)
369979.41	3755240.50	16.73822	(96010121)	369883.09	3755241.00	16.95085	(96010121)
369786.78	3755241.50	16.79814	(96010121)	369690.47	3755242.00	16.21775	(96010121)
369594.16	3755242.75	20.28179	(96020306)	369497.88	3755243.25	25.18674	(96020306)
369396.38	3755243.75	28.42499	(96020306)	369294.91	3755244.25	28.89430	(96020306)
369193.44	3755244.75	26.75546	(96020306)	369091.97	3755245.25	22.87315	(96020306)
368990.50	3755246.00	18.30280	(96020306)	368889.03	3755246.50	13.91141	(96020306)
368782.41	3755247.00	13.62980	(96041103)	368675.78	3755247.50	13.57797	(96041103)
368569.12	3755248.25	13.26447	(96041103)	368471.00	3755248.75	12.79095	(96041103)
368372.84	3755249.25	12.18849	(96041103)	368274.69	3755249.75	11.91671	(96052806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	11.44263	(96052806)	368053.72	3755209.25	10.91064	(96052806)
367940.91	3755188.50	10.35517	(96052806)	367824.03	3755184.75	9.79464	(96052806)
367710.84	3755181.25	9.20848	(96052806)	367597.62	3755177.50	8.60178	(96052806)
367484.44	3755174.00	7.99154	(96052806)	367460.69	3755189.25	7.81502	(96052806)
367415.00	3755295.25	7.09290	(96052806)	367369.31	3755401.25	7.22524	(96012906)
367323.59	3755507.25	7.30928	(96012906)	367483.66	3755199.00	7.91199	(96052806)
367300.88	3755623.25	7.24169	(96012906)	367114.28	3756056.25	7.48518	(96010806)
366984.53	3756357.50	8.06763	(96010806)	366852.91	3756663.00	6.67743	(96010806)
366902.28	3756692.00	6.64496	(96010806)	366875.53	3756760.00	6.14528	(96010806)
366812.69	3756738.50	6.13134	(96010806)	366677.25	3757024.50	4.32017	(96101003)
366536.22	3757322.00	4.00470	(96041406)	366437.28	3757530.75	3.54477	(96041406)
366486.94	3757537.25	3.56863	(96041406)	366623.91	3757468.00	3.84852	(96041406)
366644.38	3757530.75	3.70647	(96041406)	366777.06	3757519.75	3.84135	(96041406)
366998.56	3757642.25	4.04051	(96101006)	367174.25	3757739.50	4.20576	(96101006)
367290.72	3757694.25	4.45120	(96101006)	367412.66	3757694.75	4.62348	(96101006)
367409.81	3757735.75	4.57943	(96011403)	367517.78	3757796.25	4.72517	(96011403)
367539.25	3757802.00	4.74978	(96011403)	367609.12	3757676.75	5.05318	(96011403)
367769.06	3757644.25	5.47053	(96011403)	367774.81	3757718.50	5.33236	(96011403)
367809.47	3757834.50	5.03411c	(96011024)	367807.06	3757935.50	5.02939c	(96011224)
367774.94	3757958.50	4.93937c	(96011224)	367798.12	3758011.00	5.07334c	(96011224)
367914.41	3757961.50	5.45759c	(96011224)	367904.53	3757930.25	5.39936c	(96011224)
368108.69	3757840.25	6.18892c	(96011224)	368232.75	3757790.25	6.75446c	(96011224)
368308.88	3757761.50	7.13641c	(96011224)	368603.38	3757765.00	8.77562	(96100324)
368603.84	3757718.50	8.80204	(96100324)	368769.72	3757798.50	9.68254	(96100324)
369017.16	3757954.25	9.72982	(96051024)	369080.28	3757864.00	10.58623	(96051024)
369224.00	3757952.25	10.36776	(96051024)	369408.72	3757730.00	13.34067	(96051024)
369454.22	3757776.00	12.30760	(96051024)	369264.97	3757996.50	9.75843	(96051024)
369451.62	3758128.00	7.69279	(96020206)	369459.97	3758394.25	6.34151	(96020206)
369853.09	3758394.25	7.54974	(96021424)	369850.44	3758078.00	9.98445	(96021424)
370298.62	3758078.25	16.59978	(96010924)	370297.53	3757962.75	18.67531	(96010924)
370382.34	3757966.00	18.88598	(96010924)	370510.12	3758027.25	16.70994	(96010924)
370505.62	3758087.75	15.90382	(96010924)	370886.41	3758089.00	9.47787	(96011824)
370885.06	3757750.50	14.12277	(96053103)	370907.31	3757701.50	15.05129	(96053103)
370944.91	3757670.00	15.40635	(96053103)	371045.81	3757667.50	15.57315c	(96021303)
371046.34	3757585.00	17.53805c	(96021303)	371121.66	3757583.50	17.17384c	(96021303)
371192.59	3757720.25	14.61627c	(96021303)	371253.97	3757762.25	13.77450c	(96021303)
371263.66	3757782.50	13.48794c	(96021303)	371372.34	3757782.25	12.66252c	(96021303)
371399.44	3757806.25	12.26373c	(96021303)	371798.31	3758080.25	8.09231c	(96021303)
371908.19	3757933.50	9.39520	(96100806)	371964.22	3757921.75	9.46297	(96100806)
371970.19	3757841.50	10.41370	(96011524)	372023.31	3757843.25	10.46060	(96011524)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	13.49004	(96011524)	372002.41	3757140.25	12.68801	(96061403)
371514.12	3757136.25	22.51578	(96011524)	371034.56	3757132.50	34.18209	(96011524)
371034.44	3757085.25	37.86049	(96011524)	370764.19	3757087.00	45.79191c	(96021303)
370754.00	3756817.75	81.03997	(96101124)	371031.47	3756807.25	44.86518	(96062303)
371033.12	3756780.25	44.34174	(96061403)	371483.09	3756770.25	23.20118	(96061403)
371817.25	3756763.00	15.51394	(96061403)	372274.41	3756752.75	9.83251	(96061403)
372713.41	3756743.00	6.83097	(96061403)	372702.62	3756552.50	6.34586	(96052203)
372818.81	3756548.75	5.94014	(96052203)	372814.44	3756455.00	5.83376	(96052203)
372796.75	3756367.50	5.59123	(96052203)	372704.81	3756371.50	5.88775	(96052203)
372706.31	3756326.75	5.65187	(96052203)	372927.09	3756319.25	5.03242	(96052203)
372926.22	3756245.00	5.14884c	(96052103)	373456.81	3756235.50	3.85446c	(96052103)
373448.00	3755559.75	3.86717	(96010203)	373222.47	3755568.75	4.42879	(96010203)
373219.34	3755705.00	4.12114	(96010203)	373134.66	3755704.00	4.38349	(96010203)
373131.22	3755566.75	4.68187	(96010203)	373054.09	3755562.75	4.90241	(96010203)
373046.22	3755174.00	4.38331	(96010106)	372725.47	3755177.00	4.48537	(96010106)
372624.12	3755182.25	4.47357	(96010106)	372237.69	3755185.50	6.29259	(96032606)
371843.00	3755188.75	9.64804	(96032606)	371462.81	3755192.00	13.04940	(96032606)
371049.03	3755195.50	14.70939	(96020403)	371056.31	3755349.00	17.19137	(96032606)
371043.41	3755384.00	18.00436	(96032606)	371042.38	3755556.25	22.53909	(96032606)
370995.81	3755560.25	23.00011	(96032606)	371001.00	3755419.25	18.82001	(96032606)
370801.41	3755275.50	20.32656	(96020403)	370666.66	3755261.75	19.94896	(96020403)
370380.28	3755263.25	12.80932	(96020403)	370075.88	3755265.00	16.74822	(96010121)
369786.91	3755266.50	17.27747	(96010121)	369498.00	3755268.25	26.57812	(96020306)
369193.59	3755269.75	26.76765	(96020306)	368889.16	3755271.50	13.86094	(96041103)
368569.28	3755273.25	13.49177	(96041103)	368274.84	3755274.75	12.13496	(96052806)
367936.44	3755213.25	10.39795	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.66264	(96062303)	372498.53	3757611.75	2.29852	(96062303)
372248.53	3757861.75	2.40773	(96011524)	372498.53	3757861.75	2.24524	(96011524)
372248.53	3758111.75	2.15978	(96100806)	372498.53	3758111.75	2.00228	(96100806)
372248.53	3758361.75	1.73856	(96100806)	372498.53	3758361.75	1.78040	(96100806)
373792.78	3755334.75	0.81047	(96010203)	374092.78	3755334.75	0.70862	(96010203)
373792.78	3755709.75	0.73644c	(96052103)	374092.78	3755709.75	0.70781c	(96052103)
373792.78	3756084.75	0.85400c	(96052103)	374092.78	3756084.75	0.76702c	(96052103)
373792.78	3756459.75	0.84156	(96052203)	374092.78	3756459.75	0.76794	(96052203)
373792.78	3756834.75	0.82761	(96052203)	374092.78	3756834.75	0.75671	(96052203)
373792.78	3757209.75	1.16702	(96061403)	374092.78	3757209.75	1.02209	(96061403)
373792.78	3757584.75	1.22099	(96061403)	374092.78	3757584.75	1.11226	(96061403)
373792.78	3757959.75	1.22051	(96100224)	374092.78	3757959.75	1.08286	(96100224)
373792.78	3758334.75	1.27566	(96011524)	374092.78	3758334.75	1.12263	(96062303)
373792.78	3758709.75	1.27670	(96011524)	374092.78	3758709.75	1.18525	(96011524)
370479.03	3756653.75	24.12701	(96092524)	367277.91	3755613.50	1.79026	(96012906)
367231.25	3755721.75	1.71926	(96012906)	367184.62	3755830.00	1.58838	(96012906)
367137.97	3755938.25	1.41102	(96012906)	367091.34	3756046.50	1.54903	(96010806)
367048.09	3756146.75	1.73713	(96010806)	367004.81	3756247.25	1.86976	(96010806)
366961.56	3756347.50	1.93520	(96010806)	366917.69	3756449.50	1.93040	(96010806)
366873.81	3756551.25	1.85898	(96010806)	366829.94	3756653.00	1.73305	(96010806)
366840.22	3756684.50	1.69978	(96010806)	366889.59	3756713.50	1.68892	(96010806)
366879.00	3756682.75	1.72584	(96010806)	366852.25	3756751.00	1.61027	(96010806)
366883.62	3756736.50	1.65061	(96010806)	366820.78	3756715.00	1.64638	(96010806)
366790.12	3756728.00	1.61045	(96010806)	366744.97	3756823.25	1.45315	(96101003)
366699.81	3756918.50	1.44929	(96101003)	366654.66	3757013.75	1.42062	(96101003)
366607.66	3757113.00	1.36790	(96101003)	366560.62	3757212.00	1.29640	(96101003)
366513.62	3757311.25	1.21069	(96101003)	366464.16	3757415.75	1.11036	(96101003)
366414.69	3757520.00	1.03584	(96041406)	366434.03	3757555.50	1.01873	(96041406)
366483.69	3757562.00	1.02382	(96041406)	366566.69	3757525.00	1.06534	(96041406)
366620.62	3757538.50	1.06650	(96041406)	366646.41	3757555.50	1.05800	(96041406)
366712.75	3757550.25	1.07391	(96041406)	366779.09	3757544.75	1.09012	(96041406)
366838.81	3757582.50	1.06211	(96041406)	366912.62	3757623.25	1.04649	(96102306)
366986.47	3757664.25	1.08231	(96102306)	367074.31	3757712.75	1.11399	(96102306)
367162.16	3757761.25	1.13086	(96102306)	367299.75	3757717.75	1.19365	(96102306)
367384.88	3757734.00	1.21118	(96102306)	367397.59	3757757.50	1.19890	(96102306)
367505.56	3757818.00	1.16385	(96102306)	367532.81	3757826.00	1.15710	(96102306)
367561.06	3757814.00	1.17174	(96102306)	367596.03	3757751.50	1.24228	(96102306)
367630.97	3757689.00	1.30982	(96102306)	367694.09	3757685.00	1.32757	(96102306)
367749.88	3757720.50	1.29475	(96102306)	367785.50	3757841.75	1.33851	(96101906)
367782.09	3757935.00	1.34612	(96101906)	367752.06	3757968.50	1.32391	(96101906)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.33380	(96101906)	367807.91	3758034.00	1.35108	(96101906)
367866.06	3758009.25	1.39320	(96101906)	367924.19	3757984.50	1.43726	(96101906)
367938.25	3757954.00	1.45589	(96101906)	367928.38	3757922.75	1.45609	(96101906)
367914.62	3757953.25	1.43984	(96101906)	368016.69	3757908.25	1.52483	(96101906)
368118.78	3757863.25	1.61765	(96101906)	368180.06	3757838.50	1.67648	(96101906)
368242.09	3757813.50	1.73912	(96101906)	368317.75	3757784.75	1.83978	(96100324)
368406.72	3757787.75	2.00648	(96100324)	368504.88	3757788.75	2.19295	(96100324)
368603.06	3757790.00	2.37631	(96100324)	368628.38	3757765.25	2.42243	(96100324)
368675.91	3757781.00	2.50685	(96100324)	368758.84	3757821.00	2.59933	(96100324)
368838.88	3757871.50	2.57834	(96100324)	368921.38	3757923.50	2.43449	(96100324)
369003.84	3757975.50	2.17499	(96100324)	369037.66	3757968.75	2.14238	(96100324)
369100.78	3757878.25	2.37297	(96100324)	369067.19	3757885.25	2.40351	(96100324)
369139.03	3757929.50	2.23075	(96051024)	369210.91	3757973.75	2.12581	(96051024)
369243.25	3757968.25	2.12024	(96061103)	369304.81	3757894.25	2.27308	(96061103)
369366.38	3757820.00	2.44500	(96061103)	369436.44	3757793.50	2.50759	(96061103)
369435.25	3757759.75	2.60186	(96061103)	369250.56	3758016.75	2.03324	(96061103)
369343.91	3758082.50	1.83395	(96061103)	369437.25	3758148.25	1.60948	(96020206)
369429.41	3758217.50	1.56432	(96020206)	369432.19	3758306.25	1.50241	(96020206)
369434.97	3758395.00	1.42644	(96020206)	369459.97	3758419.25	1.39668	(96020206)
369558.25	3758419.25	1.41822	(96021424)	369656.53	3758419.25	1.54884	(96021424)
369754.81	3758419.25	1.58898	(96021424)	369853.09	3758419.25	1.52342	(96021424)
369878.09	3758394.00	1.51649	(96021424)	369877.19	3758288.75	1.63078	(96021424)
369876.31	3758183.25	1.74736	(96021424)	369962.47	3758103.00	1.89126	(96010924)
370074.53	3758103.00	2.38846	(96010924)	370186.59	3758103.00	2.79572	(96010924)
370298.62	3758103.25	3.02844	(96010924)	370323.62	3758078.00	3.09782	(96010924)
370381.38	3757991.00	3.25866	(96010924)	370435.41	3758019.25	3.12016	(96010924)
370499.31	3758049.75	2.89428	(96010924)	370485.19	3758025.25	2.97291	(96010924)
370480.69	3758086.00	2.90482	(96010924)	370505.53	3758112.75	2.79706	(96010924)
370600.72	3758113.25	2.43276	(96010924)	370695.94	3758113.50	2.42433	(96011824)
370791.12	3758113.75	2.57477	(96011824)	370886.34	3758114.00	2.57526	(96011824)
370911.41	3758089.00	2.58871	(96011824)	370910.97	3757976.00	2.73914	(96011824)
370910.53	3757863.25	2.84729	(96011824)	370910.06	3757750.50	2.88781	(96011824)
370930.06	3757711.75	2.79726c	(96021303)	370960.91	3757689.25	3.09351c	(96021303)
371046.47	3757692.50	3.37303c	(96021303)	371070.81	3757667.50	3.51347c	(96021303)
371071.34	3757585.25	3.77526c	(96021303)	371046.88	3757610.00	3.71065c	(96021303)
371122.22	3757608.50	3.64420c	(96021303)	371099.47	3757595.00	3.71178c	(96021303)
371134.94	3757663.25	3.51785c	(96021303)	371170.41	3757731.75	3.32773c	(96021303)
371239.88	3757782.75	3.16284c	(96021303)	371263.72	3757807.50	3.09361c	(96021303)
371372.38	3757807.25	2.88129c	(96021303)	371385.28	3757826.75	2.84604c	(96021303)
371485.00	3757895.25	2.59407c	(96021303)	371584.72	3757963.75	2.36336c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.17393	(96011321)	371784.16	3758100.75	2.01449	(96011321)
371818.31	3758095.25	2.04841	(96100806)	371873.25	3758021.75	2.32019	(96100806)
371928.19	3757948.50	2.52908	(96100806)	371969.34	3757946.25	2.52860	(96100806)
371989.16	3757923.75	2.56650	(96100806)	371995.12	3757843.25	2.69296	(96100806)
371969.38	3757866.50	2.67971	(96100806)	372022.50	3757868.25	2.63344	(96100806)
372048.31	3757843.00	2.63695	(96100806)	372047.16	3757745.75	2.70385	(96100806)
372046.03	3757648.50	2.82047	(96011524)	372044.88	3757551.25	2.99226	(96062303)
372040.50	3757447.75	3.07086	(96062303)	372036.12	3757345.00	3.01153	(96062303)
372031.75	3757242.00	2.96613	(96100224)	372027.38	3757139.25	2.79676	(96100224)
372002.59	3757115.25	2.79942	(96100224)	371880.53	3757114.25	3.15881	(96100224)
371758.47	3757113.25	3.56354	(96100224)	371636.38	3757112.25	4.01111	(96100224)
371514.31	3757111.25	4.48995	(96100224)	371394.41	3757110.25	5.10278	(96062303)
371274.53	3757109.50	5.68993	(96062303)	371154.62	3757108.50	6.09633	(96062303)
371034.75	3757107.50	6.65839	(96100806)	371059.56	3757132.50	6.46520	(96100806)
371059.44	3757085.25	6.53083	(96101124)	371034.31	3757060.25	6.84763	(96101124)
370944.22	3757060.75	7.31918	(96100806)	370854.12	3757061.25	7.73435	(96011321)
370764.03	3757062.00	9.29879	(96011321)	370789.16	3757086.00	8.78658	(96011321)
370785.78	3756996.25	8.78355	(96011321)	370782.38	3756906.50	9.53993	(96101124)
370778.97	3756816.75	9.84783	(96101206)	370754.94	3756842.75	10.22123	(96090806)
370847.44	3756839.25	8.77957	(96100224)	370939.91	3756835.75	7.98016	(96090324)
371032.41	3756832.25	7.21751	(96090324)	371056.41	3756808.75	7.20788	(96090324)
371058.09	3756781.75	7.33169	(96090324)	371033.69	3756805.25	7.46449	(96090324)
371146.19	3756802.75	6.39590	(96090324)	371258.66	3756800.25	5.50049	(96090324)
371371.16	3756797.75	4.76296	(96090324)	371483.62	3756795.25	4.15710	(96090324)
371595.03	3756793.00	3.66170	(96090324)	371706.41	3756790.50	3.24899	(96090324)
371817.78	3756788.00	2.90253	(96090324)	371932.09	3756785.50	2.60229	(96090324)
372046.38	3756783.00	2.34726	(96090324)	372160.66	3756780.25	2.12845	(96090324)
372274.97	3756777.75	1.93994	(96090324)	372384.72	3756775.50	1.78247	(96090324)
372494.47	3756773.00	1.64375	(96090324)	372604.22	3756770.50	1.52116	(96090324)
372713.97	3756768.00	1.41225	(96090324)	372738.38	3756741.75	1.36099	(96090324)
372732.97	3756646.50	1.32282	(96052203)	372819.62	3756573.75	1.26303	(96052203)
372843.78	3756547.75	1.23791	(96052203)	372839.41	3756453.75	1.18931	(96100606)
372821.25	3756362.50	1.15777	(96100606)	372795.62	3756342.50	1.18521c	(96052103)
372731.31	3756327.75	1.23728c	(96052103)	372707.19	3756351.75	1.23254c	(96052103)
372927.97	3756344.00	1.10660c	(96052103)	372952.09	3756318.75	1.11383c	(96052103)
372951.22	3756244.75	1.15633c	(96052103)	372926.66	3756270.00	1.15849c	(96052103)
373032.78	3756268.00	1.10334c	(96052103)	373138.88	3756266.25	1.05141c	(96052103)
373245.00	3756264.25	1.00276c	(96052103)	373351.12	3756262.25	0.95708c	(96052103)
373457.25	3756260.50	0.91405c	(96052103)	373481.81	3756235.00	0.91772c	(96052103)
373480.34	3756122.50	0.95319c	(96052103)	373478.88	3756009.75	0.94659c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.89985c	(96052103)	373475.94	3755784.50	0.81967c	(96052103)
373474.47	3755672.00	0.80186	(96010203)	373473.00	3755559.25	0.87126	(96010203)
373447.00	3755534.75	0.89422	(96010203)	373334.22	3755539.25	0.94550	(96010203)
373221.47	3755543.75	0.99702	(96010203)	373197.47	3755568.25	1.00258	(96010203)
373195.91	3755636.25	0.97724	(96010203)	373194.34	3755704.50	0.93656	(96010203)
373219.59	3755680.00	0.93836	(96010203)	373134.91	3755679.00	0.98903	(96010203)
373159.66	3755703.50	0.95831	(96010203)	373157.94	3755634.75	0.99908	(96010203)
373156.22	3755566.00	1.02313	(96010203)	373132.47	3755541.75	1.03784	(96010203)
373055.34	3755537.75	1.07125	(96010203)	373079.06	3755562.25	1.06009	(96010203)
373077.12	3755465.00	1.05194	(96010203)	373075.16	3755368.00	1.02887	(96010106)
373073.19	3755270.75	0.97482	(96010106)	373071.22	3755173.50	0.89623	(96010106)
373046.00	3755149.00	0.87053	(96012524)	372939.09	3755150.00	0.88998	(96012524)
372832.16	3755151.00	0.90214	(96012524)	372725.25	3755152.00	0.90538	(96012524)
372622.81	3755157.25	0.90260	(96012524)	372527.31	3755158.00	0.94223	(96062306)
372430.69	3755159.00	1.05326	(96062306)	372334.09	3755159.75	1.17194	(96032606)
372237.47	3755160.50	1.29524	(96032606)	372138.81	3755161.25	1.42040	(96032606)
372040.12	3755162.25	1.54170	(96032606)	371941.47	3755163.00	1.65652	(96032606)
371842.78	3755163.75	1.76297	(96032606)	371747.72	3755164.50	1.85697	(96032606)
371652.69	3755165.25	1.94288	(96032606)	371557.62	3755166.25	2.02126	(96032606)
371462.59	3755167.00	2.09026	(96032606)	371359.16	3755167.75	2.14822	(96032606)
371255.72	3755168.75	2.17330	(96032606)	371152.25	3755169.50	2.53702	(96051203)
371048.81	3755170.50	2.90278	(96051203)	371024.06	3755196.50	3.01134	(96051203)
371027.69	3755273.25	3.08143	(96051203)	371031.34	3755350.25	3.11637	(96051203)
371019.94	3755375.50	3.18503	(96051203)	371017.91	3755470.00	3.20000	(96051203)
371017.38	3755556.25	3.13376	(96051203)	371040.31	3755531.50	2.99291	(96051203)
371025.97	3755420.25	3.15965	(96051203)	371015.62	3755399.00	3.21615	(96051203)
370915.81	3755327.25	3.57688	(96051203)	370816.03	3755255.25	3.55202	(96051203)
370736.56	3755243.75	3.45517	(96051203)	370669.19	3755237.00	3.26205	(96051203)
370571.06	3755237.25	2.84993	(96051203)	370475.62	3755237.75	2.99204	(96021106)
370380.12	3755238.25	3.08125	(96021106)	370278.66	3755239.00	2.94500	(96021106)
370177.19	3755239.50	2.59392	(96021106)	370075.72	3755240.00	2.10249	(96021106)
369979.41	3755240.50	2.05754	(96010121)	369883.09	3755241.00	2.03055	(96010121)
369786.78	3755241.50	2.10553c	(96011124)	369690.47	3755242.00	2.12536	(96010121)
369594.16	3755242.75	2.34530	(96010103)	369497.88	3755243.25	2.88648	(96020306)
369396.38	3755243.75	3.82198	(96020306)	369294.91	3755244.25	4.45577	(96020306)
369193.44	3755244.75	4.57961	(96020306)	369091.97	3755245.25	4.19901	(96020306)
368990.50	3755246.00	3.49168	(96020306)	368889.03	3755246.50	2.68507	(96020306)
368782.41	3755247.00	2.48557	(96041103)	368675.78	3755247.50	2.61677	(96041103)
368569.12	3755248.25	2.67859	(96041103)	368471.00	3755248.75	2.67883	(96041103)
368372.84	3755249.25	2.63333	(96041103)	368274.69	3755249.75	2.55092	(96041103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	2.42480	(96041103)	368053.72	3755209.25	2.31284	(96052806)
367940.91	3755188.50	2.26328	(96052806)	367824.03	3755184.75	2.20780	(96052806)
367710.84	3755181.25	2.12724	(96052806)	367597.62	3755177.50	2.02738	(96052806)
367484.44	3755174.00	1.91460	(96052806)	367460.69	3755189.25	1.88017	(96052806)
367415.00	3755295.25	1.71948	(96052806)	367369.31	3755401.25	1.73979	(96012906)
367323.59	3755507.25	1.79564	(96012906)	367483.66	3755199.00	1.89947	(96052806)
367300.88	3755623.25	1.80737	(96012906)	367114.28	3756056.25	1.57557	(96010806)
366984.53	3756357.50	1.95575	(96010806)	366852.91	3756663.00	1.73520	(96010806)
366902.28	3756692.00	1.72757	(96010806)	366875.53	3756760.00	1.60882	(96010806)
366812.69	3756738.50	1.60753	(96010806)	366677.25	3757024.50	1.42974	(96101003)
366536.22	3757322.00	1.20892	(96101003)	366437.28	3757530.75	1.03455	(96041406)
366486.94	3757537.25	1.04084	(96041406)	366623.91	3757468.00	1.11531	(96041406)
366644.38	3757530.75	1.07698	(96041406)	366777.06	3757519.75	1.11188	(96041406)
366998.56	3757642.25	1.08681	(96102306)	367174.25	3757739.50	1.14288	(96102306)
367290.72	3757694.25	1.20021	(96102306)	367412.66	3757694.75	1.24269	(96102306)
367409.81	3757735.75	1.21690	(96102306)	367517.78	3757796.25	1.18712	(96102306)
367539.25	3757802.00	1.18330	(96102306)	367609.12	3757676.75	1.31498	(96102306)
367769.06	3757644.25	1.38665	(96102306)	367774.81	3757718.50	1.29910	(96102306)
367809.47	3757834.50	1.35756	(96101906)	367807.06	3757935.50	1.36467	(96101906)
367774.94	3757958.50	1.34049	(96101906)	367798.12	3758011.00	1.35016	(96101906)
367914.41	3757961.50	1.43764	(96101906)	367904.53	3757930.25	1.43723	(96101906)
368108.69	3757840.25	1.61723	(96101906)	368232.75	3757790.25	1.74200	(96101906)
368308.88	3757761.50	1.82447	(96101906)	368603.38	3757765.00	2.37448	(96100324)
368603.84	3757718.50	2.36015	(96100324)	368769.72	3757798.50	2.63793	(96100324)
369017.16	3757954.25	2.22853	(96100324)	369080.28	3757864.00	2.46496	(96100324)
369224.00	3757952.25	2.16334	(96051024)	369408.72	3757730.00	2.66914	(96061103)
369454.22	3757776.00	2.55041	(96061103)	369264.97	3757996.50	2.07044	(96061103)
369451.62	3758128.00	1.63446	(96020206)	369459.97	3758394.25	1.42174	(96020206)
369853.09	3758394.25	1.54888	(96021424)	369850.44	3758078.00	1.87076	(96021424)
370298.62	3758078.25	3.07651	(96010924)	370297.53	3757962.75	3.30837	(96010924)
370382.34	3757966.00	3.30603	(96010924)	370510.12	3758027.25	2.88174	(96010924)
370505.62	3758087.75	2.82706	(96010924)	370886.41	3758089.00	2.61666	(96011824)
370885.06	3757750.50	3.00868	(96011824)	370907.31	3757701.50	2.89146	(96011824)
370944.91	3757670.00	3.12862c	(96021303)	371045.81	3757667.50	3.48163c	(96021303)
371046.34	3757585.00	3.79537c	(96021303)	371121.66	3757583.50	3.77465	(96011321)
371192.59	3757720.25	3.33274c	(96021303)	371253.97	3757762.25	3.17507c	(96021303)
371263.66	3757782.50	3.13223c	(96021303)	371372.34	3757782.25	2.90448	(96011321)
371399.44	3757806.25	2.82044	(96011321)	371798.31	3758080.25	2.07092	(96100806)
371908.19	3757933.50	2.56538	(96100806)	371964.22	3757921.75	2.58043	(96100806)
371970.19	3757841.50	2.71878	(96100806)	372023.31	3757843.25	2.66423	(96100806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	3.02365	(96062303)	372002.41	3757140.25	2.86722	(96100224)
371514.12	3757136.25	4.54246	(96062303)	371034.56	3757132.50	6.59550	(96100806)
371034.44	3757085.25	6.67265	(96100806)	370764.19	3757087.00	9.07325	(96011321)
370754.00	3756817.75	10.39275	(96090806)	371031.47	3756807.25	7.47160	(96090324)
371033.12	3756780.25	7.61897	(96090324)	371483.09	3756770.25	4.11683	(96090324)
371817.25	3756763.00	2.85633	(96090324)	372274.41	3756752.75	1.90323	(96090324)
372713.41	3756743.00	1.38442	(96090324)	372702.62	3756552.50	1.31577	(96052203)
372818.81	3756548.75	1.25124	(96052203)	372814.44	3756455.00	1.20486	(96100606)
372796.75	3756367.50	1.17451	(96100606)	372704.81	3756371.50	1.23132	(96100606)
372706.31	3756326.75	1.25398c	(96052103)	372927.09	3756319.25	1.12730c	(96052103)
372926.22	3756245.00	1.16947c	(96052103)	373456.81	3756235.50	0.92741c	(96052103)
373448.00	3755559.75	0.88310	(96010203)	373222.47	3755568.75	0.99018	(96010203)
373219.34	3755705.00	0.92117	(96010203)	373134.66	3755704.00	0.97327	(96010203)
373131.22	3755566.75	1.03497	(96010203)	373054.09	3755562.75	1.07148	(96010203)
373046.22	3755174.00	0.89417	(96010106)	372725.47	3755177.00	0.92400	(96012524)
372624.12	3755182.25	0.92528	(96012524)	372237.69	3755185.50	1.27607	(96032606)
371843.00	3755188.75	1.76768	(96032606)	371462.81	3755192.00	2.11539	(96032606)
371049.03	3755195.50	2.92818	(96051203)	371056.31	3755349.00	2.98933	(96051203)
371043.41	3755384.00	3.06055	(96051203)	371042.38	3755556.25	2.94154	(96051203)
370995.81	3755560.25	3.29710	(96051203)	371001.00	3755419.25	3.30454	(96051203)
370801.41	3755275.50	3.62556	(96051203)	370666.66	3755261.75	3.35845	(96051203)
370380.28	3755263.25	3.16034	(96021106)	370075.88	3755265.00	2.14218	(96021106)
369786.91	3755266.50	2.14205c	(96011124)	369498.00	3755268.25	3.07664	(96020306)
369193.59	3755269.75	4.61040	(96020306)	368889.16	3755271.50	2.54313	(96020306)
368569.28	3755273.25	2.73786	(96041103)	368274.84	3755274.75	2.56446	(96041103)
367936.44	3755213.25	2.29028	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.83705	(96090808)	372498.53	3757611.75	0.75129	(96090808)
372248.53	3757861.75	0.71936	(96091924)	372498.53	3757861.75	0.65613	(96090808)
372248.53	3758111.75	0.67950	(96092324)	372498.53	3758111.75	0.60372	(96091924)
372248.53	3758361.75	0.58898	(96092324)	372498.53	3758361.75	0.56157	(96092324)
373792.78	3755334.75	0.19761c	(96010208)	374092.78	3755334.75	0.17036c	(96010208)
373792.78	3755709.75	0.20425	(96100824)	374092.78	3755709.75	0.19239	(96100824)
373792.78	3756084.75	0.25865	(96100824)	374092.78	3756084.75	0.23547	(96100824)
373792.78	3756459.75	0.29887	(96100824)	374092.78	3756459.75	0.27116c	(96100608)
373792.78	3756834.75	0.31667c	(96100608)	374092.78	3756834.75	0.29045c	(96100608)
373792.78	3757209.75	0.32908	(96061624)	374092.78	3757209.75	0.29390	(96090324)
373792.78	3757584.75	0.36818c	(96100524)	374092.78	3757584.75	0.32354	(96061624)
373792.78	3757959.75	0.41622	(96101124)	374092.78	3757959.75	0.36695c	(96100524)
373792.78	3758334.75	0.45615	(96101124)	374092.78	3758334.75	0.41584	(96101124)
373792.78	3758709.75	0.41208	(96101124)	374092.78	3758709.75	0.40394	(96101124)
370479.03	3756653.75	11.14834	(96022924)	367277.91	3755613.50	0.52009	(96011208)
367231.25	3755721.75	0.54563c	(96012708)	367184.62	3755830.00	0.55787c	(96012708)
367137.97	3755938.25	0.55279c	(96012708)	367091.34	3756046.50	0.56997c	(96022408)
367048.09	3756146.75	0.58412c	(96022408)	367004.81	3756247.25	0.58550c	(96022408)
366961.56	3756347.50	0.57484c	(96022408)	366917.69	3756449.50	0.55318c	(96022408)
366873.81	3756551.25	0.52254c	(96022408)	366829.94	3756653.00	0.48505c	(96022408)
366840.22	3756684.50	0.47616c	(96022408)	366889.59	3756713.50	0.47996c	(96042308)
366879.00	3756682.75	0.48299c	(96022408)	366852.25	3756751.00	0.47489c	(96042308)
366883.62	3756736.50	0.47937c	(96042308)	366820.78	3756715.00	0.47023c	(96042308)
366790.12	3756728.00	0.46616c	(96042308)	366744.97	3756823.25	0.45821c	(96042308)
366699.81	3756918.50	0.44520c	(96042308)	366654.66	3757013.75	0.42759c	(96042308)
366607.66	3757113.00	0.40508c	(96042308)	366560.62	3757212.00	0.37928c	(96042308)
366513.62	3757311.25	0.35114c	(96042308)	366464.16	3757415.75	0.32121	(96102308)
366414.69	3757520.00	0.31985c	(96021808)	366434.03	3757555.50	0.32433c	(96021808)
366483.69	3757562.00	0.33087c	(96021808)	366566.69	3757525.00	0.33949c	(96021808)
366620.62	3757538.50	0.34745c	(96021808)	366646.41	3757555.50	0.35181c	(96021808)
366712.75	3757550.25	0.36071c	(96021808)	366779.09	3757544.75	0.36990c	(96021808)
366838.81	3757582.50	0.37996c	(96021808)	366912.62	3757623.25	0.39143c	(96021808)
366986.47	3757664.25	0.40183c	(96021808)	367074.31	3757712.75	0.41229c	(96021808)
367162.16	3757761.25	0.42004c	(96021808)	367299.75	3757717.75	0.44207c	(96021808)
367384.88	3757734.00	0.45075c	(96021808)	367397.59	3757757.50	0.44858c	(96021808)
367505.56	3757818.00	0.44675c	(96021808)	367532.81	3757826.00	0.44679c	(96021808)
367561.06	3757814.00	0.45187c	(96021808)	367596.03	3757751.50	0.47039c	(96021808)
367630.97	3757689.00	0.48828c	(96021808)	367694.09	3757685.00	0.49632c	(96021808)
367749.88	3757720.50	0.49213c	(96021808)	367785.50	3757841.75	0.45224c	(96021808)
367782.09	3757935.00	0.41484c	(96021808)	367752.06	3757968.50	0.40224c	(96021808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.37864c	(96021808)	367807.91	3758034.00	0.37039c	(96021808)
367866.06	3758009.25	0.37617c	(96021808)	367924.19	3757984.50	0.38195c	(96021808)
367938.25	3757954.00	0.39544c	(96021808)	367928.38	3757922.75	0.41162c	(96021808)
367914.62	3757953.25	0.39808c	(96021808)	368016.69	3757908.25	0.41050c	(96021808)
368118.78	3757863.25	0.42303c	(96021808)	368180.06	3757838.50	0.42916c	(96021808)
368242.09	3757813.50	0.43789	(96042808)	368317.75	3757784.75	0.46638	(96042808)
368406.72	3757787.75	0.51029	(96042808)	368504.88	3757788.75	0.56155	(96042808)
368603.06	3757790.00	0.61541	(96042808)	368628.38	3757765.25	0.62876	(96042808)
368675.91	3757781.00	0.65645	(96042808)	368758.84	3757821.00	0.69724	(96042808)
368838.88	3757871.50	0.71858	(96042808)	368921.38	3757923.50	0.71815	(96042808)
369003.84	3757975.50	0.69314	(96042808)	369037.66	3757968.75	0.69755	(96042808)
369100.78	3757878.25	0.76970	(96042808)	369067.19	3757885.25	0.76333	(96042808)
369139.03	3757929.50	0.72000	(96042808)	369210.91	3757973.75	0.70084	(96020924)
369243.25	3757968.25	0.71237	(96020924)	369304.81	3757894.25	0.75942	(96020924)
369366.38	3757820.00	0.81214	(96020924)	369436.44	3757793.50	0.84829	(96020924)
369435.25	3757759.75	0.86669	(96020924)	369250.56	3758016.75	0.69596	(96020924)
369343.91	3758082.50	0.67796	(96020924)	369437.25	3758148.25	0.63218	(96020924)
369429.41	3758217.50	0.59407	(96020924)	369432.19	3758306.25	0.54505	(96020924)
369434.97	3758395.00	0.49930	(96020924)	369459.97	3758419.25	0.47951	(96020924)
369558.25	3758419.25	0.44210	(96020924)	369656.53	3758419.25	0.39854	(96020924)
369754.81	3758419.25	0.35263	(96020924)	369853.09	3758419.25	0.30779	(96020924)
369878.09	3758394.00	0.30455	(96020924)	369877.19	3758288.75	0.34072	(96020924)
369876.31	3758183.25	0.38395	(96020924)	369962.47	3758103.00	0.41012	(96022024)
370074.53	3758103.00	0.46673	(96022024)	370186.59	3758103.00	0.51234	(96022024)
370298.62	3758103.25	0.53853	(96022024)	370323.62	3758078.00	0.55655	(96022024)
370381.38	3757991.00	0.61581	(96022024)	370435.41	3758019.25	0.58954	(96022024)
370499.31	3758049.75	0.55520	(96022024)	370485.19	3758025.25	0.57396	(96022024)
370480.69	3758086.00	0.53939	(96022024)	370505.53	3758112.75	0.51881	(96022024)
370600.72	3758113.25	0.48740	(96022024)	370695.94	3758113.50	0.44558	(96022024)
370791.12	3758113.75	0.39792	(96022024)	370886.34	3758114.00	0.41749	(96092408)
370911.41	3758089.00	0.43921	(96021724)	370910.97	3757976.00	0.52804	(96021724)
370910.53	3757863.25	0.64455	(96021724)	370910.06	3757750.50	0.79916	(96021724)
370930.06	3757711.75	0.88979	(96021724)	370960.91	3757689.25	0.96815	(96021724)
371046.47	3757692.50	1.04300	(96021724)	371070.81	3757667.50	1.10370	(96021724)
371071.34	3757585.25	1.25797	(96021724)	371046.88	3757610.00	1.19920	(96021724)
371122.22	3757608.50	1.22525	(96021724)	371099.47	3757595.00	1.24622	(96021724)
371134.94	3757663.25	1.13602	(96021724)	371170.41	3757731.75	1.03938	(96021724)
371239.88	3757782.75	0.98365	(96021724)	371263.72	3757807.50	0.95635	(96021724)
371372.38	3757807.25	0.95036	(96021724)	371385.28	3757826.75	0.93016	(96021724)
371485.00	3757895.25	0.85392	(96021724)	371584.72	3757963.75	0.81022	(96092324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.76774	(96092324)	371784.16	3758100.75	0.72657	(96092324)
371818.31	3758095.25	0.73717	(96092324)	371873.25	3758021.75	0.79629	(96092324)
371928.19	3757948.50	0.83184	(96092324)	371969.34	3757946.25	0.82062	(96092324)
371989.16	3757923.75	0.82254	(96092324)	371995.12	3757843.25	0.84216	(96092324)
371969.38	3757866.50	0.84951	(96092324)	372022.50	3757868.25	0.82317	(96092324)
372048.31	3757843.00	0.81320	(96092324)	372047.16	3757745.75	0.82468	(96091924)
372046.03	3757648.50	0.85797	(96090808)	372044.88	3757551.25	0.93687	(96090808)
372040.50	3757447.75	0.99975	(96090808)	372036.12	3757345.00	1.02943	(96090808)
372031.75	3757242.00	1.01680	(96090808)	372027.38	3757139.25	0.95668	(96090808)
372002.59	3757115.25	0.97026	(96061624)	371880.53	3757114.25	1.08185	(96090808)
371758.47	3757113.25	1.22233	(96090808)	371636.38	3757112.25	1.37925	(96090808)
371514.31	3757111.25	1.54903	(96090808)	371394.41	3757110.25	1.71941	(96090808)
371274.53	3757109.50	1.87445	(96090808)	371154.62	3757108.50	2.01639	(96091624)
371034.75	3757107.50	2.27767	(96092324)	371059.56	3757132.50	2.20887	(96092324)
371059.44	3757085.25	2.20330	(96091624)	371034.31	3757060.25	2.32016	(96091624)
370944.22	3757060.75	2.58243	(96092324)	370854.12	3757061.25	2.86586	(96092324)
370764.03	3757062.00	3.01269	(96021724)	370789.16	3757086.00	2.85176	(96021724)
370785.78	3756996.25	3.27389	(96050724)	370782.38	3756906.50	3.76562	(96090724)
370778.97	3756816.75	3.97964	(96040324)	370754.94	3756842.75	4.24881	(96090724)
370847.44	3756839.25	3.38446	(96090724)	370939.91	3756835.75	2.89325	(96052624)
371032.41	3756832.25	2.50704	(96052624)	371056.41	3756808.75	2.50225	(96092624)
371058.09	3756781.75	2.60043	(96092624)	371033.69	3756805.25	2.58998	(96092624)
371146.19	3756802.75	2.25584	(96092624)	371258.66	3756800.25	1.96520	(96092624)
371371.16	3756797.75	1.71954	(96092624)	371483.62	3756795.25	1.51380	(96092624)
371595.03	3756793.00	1.34284	(96092624)	371706.41	3756790.50	1.19885	(96092624)
371817.78	3756788.00	1.07676	(96092624)	371932.09	3756785.50	0.97004	(96092624)
372046.38	3756783.00	0.87873	(96092624)	372160.66	3756780.25	0.80000	(96092624)
372274.97	3756777.75	0.73173	(96092624)	372384.72	3756775.50	0.67441	(96092624)
372494.47	3756773.00	0.62379	(96092624)	372604.22	3756770.50	0.57891	(96092624)
372713.97	3756768.00	0.53892	(96092624)	372738.38	3756741.75	0.52590	(96092624)
372732.97	3756646.50	0.50612	(96100824)	372819.62	3756573.75	0.47523	(96100824)
372843.78	3756547.75	0.46574	(96100824)	372839.41	3756453.75	0.45047	(96100824)
372821.25	3756362.50	0.43412	(96100824)	372795.62	3756342.50	0.43419	(96100824)
372731.31	3756327.75	0.44297	(96100824)	372707.19	3756351.75	0.45474	(96100824)
372927.97	3756344.00	0.40955	(96100824)	372952.09	3756318.75	0.39964	(96100824)
372951.22	3756244.75	0.38230	(96100824)	372926.66	3756270.00	0.39241	(96100824)
373032.78	3756268.00	0.37523	(96100824)	373138.88	3756266.25	0.35916	(96100824)
373245.00	3756264.25	0.34401	(96100824)	373351.12	3756262.25	0.32979	(96100824)
373457.25	3756260.50	0.31645	(96100824)	373481.81	3756235.00	0.30981	(96100824)
373480.34	3756122.50	0.29233	(96100824)	373478.88	3756009.75	0.27306	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.25240	(96100824)	373475.94	3755784.50	0.23060	(96100824)
373474.47	3755672.00	0.20810	(96100824)	373473.00	3755559.25	0.20755	(96051708)
373447.00	3755534.75	0.21300	(96051708)	373334.22	3755539.25	0.22739	(96051708)
373221.47	3755543.75	0.24285	(96051708)	373197.47	3755568.25	0.24444	(96051708)
373195.91	3755636.25	0.23816	(96051708)	373194.34	3755704.50	0.23018	(96051708)
373219.59	3755680.00	0.22945	(96051708)	373134.91	3755679.00	0.24283	(96051708)
373159.66	3755703.50	0.23575	(96051708)	373157.94	3755634.75	0.24421	(96051708)
373156.22	3755566.00	0.25084	(96051708)	373132.47	3755541.75	0.25622	(96051708)
373055.34	3755537.75	0.26841	(96051708)	373079.06	3755562.25	0.26312	(96051708)
373077.12	3755465.00	0.26806	(96051708)	373075.16	3755368.00	0.26879	(96051708)
373073.19	3755270.75	0.26552	(96051708)	373071.22	3755173.50	0.26307c	(96092708)
373046.00	3755149.00	0.26848c	(96092708)	372939.09	3755150.00	0.29310c	(96091908)
372832.16	3755151.00	0.32214c	(96091908)	372725.25	3755152.00	0.35412c	(96091908)
372622.81	3755157.25	0.38621c	(96091908)	372527.31	3755158.00	0.41916c	(96091908)
372430.69	3755159.00	0.45372c	(96091908)	372334.09	3755159.75	0.48870c	(96091908)
372237.47	3755160.50	0.52271c	(96091908)	372138.81	3755161.25	0.55461c	(96091908)
372040.12	3755162.25	0.58139c	(96091908)	371941.47	3755163.00	0.60041c	(96091908)
371842.78	3755163.75	0.60893c	(96091908)	371747.72	3755164.50	0.60496c	(96091908)
371652.69	3755165.25	0.58739c	(96091908)	371557.62	3755166.25	0.55573c	(96091908)
371462.59	3755167.00	0.51050c	(96091908)	371359.16	3755167.75	0.51447	(96012208)
371255.72	3755168.75	0.54305	(96012208)	371152.25	3755169.50	0.55948	(96012208)
371048.81	3755170.50	0.56121	(96012208)	371024.06	3755196.50	0.57027	(96012208)
371027.69	3755273.25	0.60195	(96012208)	371031.34	3755350.25	0.63194	(96012208)
371019.94	3755375.50	0.64280	(96012208)	371017.91	3755470.00	0.67597	(96012208)
371017.38	3755556.25	0.71594	(96012224)	371040.31	3755531.50	0.68402	(96012224)
371025.97	3755420.25	0.65789	(96012208)	371015.62	3755399.00	0.65222	(96012208)
370915.81	3755327.25	0.62189	(96012208)	370816.03	3755255.25	0.59155	(96022624)
370736.56	3755243.75	0.63366	(96022624)	370669.19	3755237.00	0.66006	(96022624)
370571.06	3755237.25	0.68291	(96022624)	370475.62	3755237.75	0.67508	(96022624)
370380.12	3755238.25	0.76165	(96102008)	370278.66	3755239.00	0.84652	(96102008)
370177.19	3755239.50	0.88632	(96102008)	370075.72	3755240.00	0.87264	(96102008)
369979.41	3755240.50	0.81280	(96102008)	369883.09	3755241.00	0.71938	(96102008)
369786.78	3755241.50	0.62635c	(96030208)	369690.47	3755242.00	0.61081c	(96030208)
369594.16	3755242.75	0.66256c	(96021224)	369497.88	3755243.25	0.71041c	(96021224)
369396.38	3755243.75	0.73627c	(96021224)	369294.91	3755244.25	0.74141c	(96021224)
369193.44	3755244.75	0.73138c	(96021224)	369091.97	3755245.25	0.71128c	(96021224)
368990.50	3755246.00	0.68531c	(96021224)	368889.03	3755246.50	0.65610c	(96021224)
368782.41	3755247.00	0.62415c	(96021224)	368675.78	3755247.50	0.59224c	(96021224)
368569.12	3755248.25	0.60433c	(96091808)	368471.00	3755248.75	0.61300c	(96091808)
368372.84	3755249.25	0.61574c	(96091808)	368274.69	3755249.75	0.61298c	(96091808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.59622c	(96091808)	368053.72	3755209.25	0.57695c	(96091808)
367940.91	3755188.50	0.55626c	(96091808)	367824.03	3755184.75	0.53763c	(96091808)
367710.84	3755181.25	0.51740c	(96091808)	367597.62	3755177.50	0.49572c	(96091808)
367484.44	3755174.00	0.47328c	(96091808)	367460.69	3755189.25	0.46896c	(96091808)
367415.00	3755295.25	0.49173	(96011208)	367369.31	3755401.25	0.51144	(96011208)
367323.59	3755507.25	0.52107	(96011208)	367483.66	3755199.00	0.47395c	(96091808)
367300.88	3755623.25	0.52486	(96011208)	367114.28	3756056.25	0.57612c	(96022408)
366984.53	3756357.50	0.57879c	(96022408)	366852.91	3756663.00	0.48552c	(96022408)
366902.28	3756692.00	0.48345c	(96022408)	366875.53	3756760.00	0.47812c	(96042308)
366812.69	3756738.50	0.46935c	(96042308)	366677.25	3757024.50	0.42837c	(96042308)
366536.22	3757322.00	0.34954c	(96042308)	366437.28	3757530.75	0.32329c	(96021808)
366486.94	3757537.25	0.32990c	(96021808)	366623.91	3757468.00	0.34350c	(96021808)
366644.38	3757530.75	0.35025c	(96021808)	366777.06	3757519.75	0.36839c	(96021808)
366998.56	3757642.25	0.40391c	(96021808)	367174.25	3757739.50	0.42359c	(96021808)
367290.72	3757694.25	0.44330c	(96021808)	367412.66	3757694.75	0.45980c	(96021808)
367409.81	3757735.75	0.45349c	(96021808)	367517.78	3757796.25	0.45287c	(96021808)
367539.25	3757802.00	0.45327c	(96021808)	367609.12	3757676.75	0.48817c	(96021808)
367769.06	3757644.25	0.51486c	(96021808)	367774.81	3757718.50	0.49470c	(96021808)
367809.47	3757834.50	0.45519c	(96021808)	367807.06	3757935.50	0.41356c	(96021808)
367774.94	3757958.50	0.40533c	(96021808)	367798.12	3758011.00	0.38135c	(96021808)
367914.41	3757961.50	0.39412c	(96021808)	367904.53	3757930.25	0.40992c	(96021808)
368108.69	3757840.25	0.43740c	(96021808)	368232.75	3757790.25	0.45145c	(96021808)
368308.88	3757761.50	0.45838c	(96021808)	368603.38	3757765.00	0.61422	(96042808)
368603.84	3757718.50	0.60962	(96042808)	368769.72	3757798.50	0.70692	(96042808)
369017.16	3757954.25	0.70877	(96042808)	369080.28	3757864.00	0.78125	(96042808)
369224.00	3757952.25	0.71205	(96020924)	369408.72	3757730.00	0.87062	(96020924)
369454.22	3757776.00	0.86339	(96020924)	369264.97	3757996.50	0.70726	(96020924)
369451.62	3758128.00	0.64115	(96020924)	369459.97	3758394.25	0.49158	(96020924)
369853.09	3758394.25	0.31582	(96020924)	369850.44	3758078.00	0.45419	(96020924)
370298.62	3758078.25	0.55364	(96022024)	370297.53	3757962.75	0.63289	(96022024)
370382.34	3757966.00	0.63416	(96022024)	370510.12	3758027.25	0.56499	(96022024)
370505.62	3758087.75	0.53208	(96022024)	370886.41	3758089.00	0.42307	(96092408)
370885.06	3757750.50	0.76575	(96021724)	370907.31	3757701.50	0.87790	(96021724)
370944.91	3757670.00	0.98586	(96021724)	371045.81	3757667.50	1.08798	(96021724)
371046.34	3757585.00	1.24845	(96021724)	371121.66	3757583.50	1.26801	(96021724)
371192.59	3757720.25	1.06015	(96021724)	371253.97	3757762.25	1.00990	(96021724)
371263.66	3757782.50	0.98587	(96021724)	371372.34	3757782.25	0.97317	(96021724)
371399.44	3757806.25	0.94487	(96021724)	371798.31	3758080.25	0.74698	(96092324)
371908.19	3757933.50	0.84516	(96092324)	371964.22	3757921.75	0.83259	(96092324)
371970.19	3757841.50	0.85561	(96092324)	372023.31	3757843.25	0.82697	(96092324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.94415	(96090808)	372002.41	3757140.25	0.98095	(96090808)
371514.12	3757136.25	1.55144	(96090808)	371034.56	3757132.50	2.28520	(96092324)
371034.44	3757085.25	2.25611	(96092324)	370764.19	3757087.00	2.92084	(96021724)
370754.00	3756817.75	4.25112	(96090724)	371031.47	3756807.25	2.58742	(96092624)
371033.12	3756780.25	2.69731	(96092624)	371483.09	3756770.25	1.52161	(96092624)
371817.25	3756763.00	1.07390	(96092624)	372274.41	3756752.75	0.72675	(96092624)
372713.41	3756743.00	0.53448	(96092624)	372702.62	3756552.50	0.50192	(96100824)
372818.81	3756548.75	0.47185	(96100824)	372814.44	3756455.00	0.45625	(96100824)
372796.75	3756367.50	0.44029	(96100824)	372704.81	3756371.50	0.46074	(96100824)
372706.31	3756326.75	0.44773	(96100824)	372927.09	3756319.25	0.40409	(96100824)
372926.22	3756245.00	0.38623	(96100824)	373456.81	3756235.50	0.31277	(96100824)
373448.00	3755559.75	0.21065	(96051708)	373222.47	3755568.75	0.24070	(96051708)
373219.34	3755705.00	0.22628	(96051708)	373134.66	3755704.00	0.23970	(96051708)
373131.22	3755566.75	0.25462	(96051708)	373054.09	3755562.75	0.26708	(96051708)
373046.22	3755174.00	0.26715c	(96092708)	372725.47	3755177.00	0.34738c	(96091908)
372624.12	3755182.25	0.37898c	(96091908)	372237.69	3755185.50	0.51883c	(96091908)
371843.00	3755188.75	0.61637c	(96091908)	371462.81	3755192.00	0.52935c	(96091908)
371049.03	3755195.50	0.57110	(96012208)	371056.31	3755349.00	0.62827	(96012208)
371043.41	3755384.00	0.64225	(96012208)	371042.38	3755556.25	0.69275	(96012224)
370995.81	3755560.25	0.73756	(96012224)	371001.00	3755419.25	0.66214	(96012208)
370801.41	3755275.50	0.61052	(96022624)	370666.66	3755261.75	0.67764	(96022624)
370380.28	3755263.25	0.78154	(96102008)	370075.88	3755265.00	0.89623	(96102008)
369786.91	3755266.50	0.64331c	(96030208)	369498.00	3755268.25	0.73476c	(96021224)
369193.59	3755269.75	0.74830c	(96021224)	368889.16	3755271.50	0.66701c	(96021224)
368569.28	3755273.25	0.62194c	(96091808)	368274.84	3755274.75	0.62473c	(96091808)
367936.44	3755213.25	0.56194c	(96091808)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.61858	(96101124)	372498.53	3757611.75	1.40685	(96101124)
372248.53	3757861.75	1.68544c	(96100808)	372498.53	3757861.75	1.39251c	(96100808)
372248.53	3758111.75	1.57709c	(96100808)	372498.53	3758111.75	1.43962c	(96100808)
372248.53	3758361.75	1.29333c	(96100808)	372498.53	3758361.75	1.30632c	(96100808)
373792.78	3755334.75	0.48015c	(96010208)	374092.78	3755334.75	0.41571c	(96010208)
373792.78	3755709.75	0.37250c	(96052108)	374092.78	3755709.75	0.35762c	(96052108)
373792.78	3756084.75	0.43110c	(96052108)	374092.78	3756084.75	0.38710c	(96052108)
373792.78	3756459.75	0.51484c	(96100608)	374092.78	3756459.75	0.45937c	(96100608)
373792.78	3756834.75	0.56793c	(96100608)	374092.78	3756834.75	0.50301c	(96100608)
373792.78	3757209.75	0.54089c	(96100608)	374092.78	3757209.75	0.48467c	(96100608)
373792.78	3757584.75	0.58390	(96101124)	374092.78	3757584.75	0.49004	(96100224)
373792.78	3757959.75	0.72097	(96101124)	374092.78	3757959.75	0.61732	(96101124)
373792.78	3758334.75	0.72750	(96101124)	374092.78	3758334.75	0.65844	(96101124)
373792.78	3758709.75	0.76998c	(96100808)	374092.78	3758709.75	0.65223c	(96100808)
370479.03	3756653.75	19.85269	(96092624)	367277.91	3755613.50	1.12175c	(96012708)
367231.25	3755721.75	1.15489c	(96012708)	367184.62	3755830.00	1.15439c	(96012708)
367137.97	3755938.25	1.12278c	(96012708)	367091.34	3756046.50	1.13530	(96010808)
367048.09	3756146.75	1.20904	(96010808)	367004.81	3756247.25	1.24767	(96010808)
366961.56	3756347.50	1.24989	(96010808)	366917.69	3756449.50	1.21767	(96010808)
366873.81	3756551.25	1.15653	(96010808)	366829.94	3756653.00	1.17259c	(96020408)
366840.22	3756684.50	1.18495c	(96020408)	366889.59	3756713.50	1.21127c	(96020408)
366879.00	3756682.75	1.20152c	(96020408)	366852.25	3756751.00	1.19691c	(96020408)
366883.62	3756736.50	1.21040c	(96020408)	366820.78	3756715.00	1.18139c	(96020408)
366790.12	3756728.00	1.16957c	(96020408)	366744.97	3756823.25	1.14492c	(96020408)
366699.81	3756918.50	1.09780c	(96020408)	366654.66	3757013.75	1.03277c	(96020408)
366607.66	3757113.00	0.95132c	(96020408)	366560.62	3757212.00	0.86152c	(96020408)
366513.62	3757311.25	0.83543c	(96010208)	366464.16	3757415.75	0.80730c	(96010208)
366414.69	3757520.00	0.76528c	(96010208)	366434.03	3757555.50	0.76574c	(96010608)
366483.69	3757562.00	0.77762c	(96010608)	366566.69	3757525.00	0.79856c	(96010608)
366620.62	3757538.50	0.81200c	(96010608)	366646.41	3757555.50	0.81696c	(96010608)
366712.75	3757550.25	0.83352c	(96010608)	366779.09	3757544.75	0.85033c	(96010608)
366838.81	3757582.50	0.85449c	(96010608)	366912.62	3757623.25	0.85181c	(96010608)
366986.47	3757664.25	0.83849c	(96010608)	367074.31	3757712.75	0.80863c	(96010608)
367162.16	3757761.25	0.76358c	(96010608)	367299.75	3757717.75	0.80051c	(96010608)
367384.88	3757734.00	0.77439c	(96010608)	367397.59	3757757.50	0.75258	(96010724)
367505.56	3757818.00	0.71258	(96010724)	367532.81	3757826.00	0.70527	(96010724)
367561.06	3757814.00	0.71435	(96010724)	367596.03	3757751.50	0.76627	(96010724)
367630.97	3757689.00	0.81734	(96010724)	367694.09	3757685.00	0.82423	(96010724)
367749.88	3757720.50	0.79293	(96010724)	367785.50	3757841.75	0.70812	(96052708)
367782.09	3757935.00	0.68640	(96052708)	367752.06	3757968.50	0.67042	(96052708)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.66783c	(96101908)	367807.91	3758034.00	0.67643c	(96101908)
367866.06	3758009.25	0.69751c	(96101908)	367924.19	3757984.50	0.71957c	(96101908)
367938.25	3757954.00	0.72895c	(96101908)	367928.38	3757922.75	0.72914c	(96101908)
367914.62	3757953.25	0.72095c	(96101908)	368016.69	3757908.25	0.76350c	(96101908)
368118.78	3757863.25	0.80998c	(96101908)	368180.06	3757838.50	0.83943c	(96101908)
368242.09	3757813.50	0.87078c	(96101908)	368317.75	3757784.75	0.91070c	(96101908)
368406.72	3757787.75	0.94446c	(96101908)	368504.88	3757788.75	0.97542c	(96101908)
368603.06	3757790.00	1.01326	(96020924)	368628.38	3757765.25	1.03450	(96020924)
368675.91	3757781.00	1.08025	(96020924)	368758.84	3757821.00	1.14981	(96020924)
368838.88	3757871.50	1.19333	(96020924)	368921.38	3757923.50	1.21175	(96020924)
369003.84	3757975.50	1.20390	(96020924)	369037.66	3757968.75	1.22280	(96020924)
369100.78	3757878.25	1.34690	(96020924)	369067.19	3757885.25	1.32327	(96020924)
369139.03	3757929.50	1.29985	(96020924)	369210.91	3757973.75	1.25761	(96020924)
369243.25	3757968.25	1.26813	(96020924)	369304.81	3757894.25	1.38257	(96020924)
369366.38	3757820.00	1.51479	(96020924)	369436.44	3757793.50	1.56968	(96020924)
369435.25	3757759.75	1.63954	(96020924)	369250.56	3758016.75	1.20267	(96020924)
369343.91	3758082.50	1.10620	(96020924)	369437.25	3758148.25	0.99586	(96020924)
369429.41	3758217.50	0.91753	(96020924)	369432.19	3758306.25	0.82391	(96020924)
369434.97	3758395.00	0.74159	(96020924)	369459.97	3758419.25	0.71510c	(96020208)
369558.25	3758419.25	0.67677c	(96020208)	369656.53	3758419.25	0.75504c	(96020324)
369754.81	3758419.25	0.94546c	(96020324)	369853.09	3758419.25	1.12561c	(96020324)
369878.09	3758394.00	1.17570c	(96020324)	369877.19	3758288.75	1.21190c	(96020324)
369876.31	3758183.25	1.24221c	(96020324)	369962.47	3758103.00	1.46562c	(96020324)
370074.53	3758103.00	1.62034c	(96020324)	370186.59	3758103.00	1.59940c	(96020324)
370298.62	3758103.25	1.41014c	(96020324)	370323.62	3758078.00	1.37306c	(96020324)
370381.38	3757991.00	1.27819c	(96020324)	370435.41	3758019.25	1.20370	(96010924)
370499.31	3758049.75	1.19205	(96040424)	370485.19	3758025.25	1.20816	(96040424)
370480.69	3758086.00	1.14907	(96040424)	370505.53	3758112.75	1.13871	(96040424)
370600.72	3758113.25	1.13795	(96092408)	370695.94	3758113.50	1.20067	(96092408)
370791.12	3758113.75	1.21768	(96092408)	370886.34	3758114.00	1.19135	(96092408)
370911.41	3758089.00	1.19865	(96092408)	370910.97	3757976.00	1.29258	(96092408)
370910.53	3757863.25	1.38795	(96092408)	370910.06	3757750.50	1.48411	(96092408)
370930.06	3757711.75	1.48252	(96092408)	370960.91	3757689.25	1.59975c	(96021308)
371046.47	3757692.50	1.73324c	(96021308)	371070.81	3757667.50	1.80180c	(96021308)
371071.34	3757585.25	2.17303	(96011324)	371046.88	3757610.00	1.98170	(96011324)
371122.22	3757608.50	2.17896	(96011324)	371099.47	3757595.00	2.19303	(96011324)
371134.94	3757663.25	1.96311	(96011324)	371170.41	3757731.75	1.76161	(96011324)
371239.88	3757782.75	1.71168	(96011324)	371263.72	3757807.50	1.66956	(96011324)
371372.38	3757807.25	1.81204	(96011324)	371385.28	3757826.75	1.76944	(96011324)
371485.00	3757895.25	1.68456c	(96100808)	371584.72	3757963.75	1.62386c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.55984c	(96100808)	371784.16	3758100.75	1.49501c	(96100808)
371818.31	3758095.25	1.53680c	(96100808)	371873.25	3758021.75	1.72394c	(96100808)
371928.19	3757948.50	1.86057c	(96100808)	371969.34	3757946.25	1.85439c	(96100808)
371989.16	3757923.75	1.87577c	(96100808)	371995.12	3757843.25	1.95231c	(96100808)
371969.38	3757866.50	1.95093c	(96100808)	372022.50	3757868.25	1.90998c	(96100808)
372048.31	3757843.00	1.90393c	(96100808)	372047.16	3757745.75	1.93127c	(96100808)
372046.03	3757648.50	1.90030c	(96100808)	372044.88	3757551.25	1.84149	(96101124)
372040.50	3757447.75	1.91553	(96101124)	372036.12	3757345.00	1.91717	(96101124)
372031.75	3757242.00	1.83575	(96101124)	372027.38	3757139.25	1.67216	(96101124)
372002.59	3757115.25	1.66867	(96101124)	371880.53	3757114.25	1.92404	(96101124)
371758.47	3757113.25	2.22616	(96101124)	371636.38	3757112.25	2.58165	(96101124)
371514.31	3757111.25	2.99434	(96101124)	371394.41	3757110.25	3.45253	(96101124)
371274.53	3757109.50	3.94423	(96101124)	371154.62	3757108.50	4.41993	(96101124)
371034.75	3757107.50	4.82442c	(96100808)	371059.56	3757132.50	4.69088c	(96100808)
371059.44	3757085.25	4.88035	(96101124)	371034.31	3757060.25	5.13834	(96101124)
370944.22	3757060.75	5.40618	(96101124)	370854.12	3757061.25	5.67576c	(96100808)
370764.03	3757062.00	6.08690	(96010324)	370789.16	3757086.00	5.70341	(96010324)
370785.78	3756996.25	6.68200	(96010324)	370782.38	3756906.50	7.90419	(96101124)
370778.97	3756816.75	7.73926	(96101124)	370754.94	3756842.75	8.41283	(96101124)
370847.44	3756839.25	6.93286	(96101124)	370939.91	3756835.75	5.57621	(96101124)
371032.41	3756832.25	4.49160	(96101124)	371056.41	3756808.75	4.03749	(96101024)
371058.09	3756781.75	3.98248c	(96100608)	371033.69	3756805.25	4.20458	(96101024)
371146.19	3756802.75	3.51477c	(96100608)	371258.66	3756800.25	3.11068c	(96100608)
371371.16	3756797.75	2.76264c	(96100608)	371483.62	3756795.25	2.46566c	(96100608)
371595.03	3756793.00	2.21449c	(96100608)	371706.41	3756790.50	1.99960c	(96100608)
371817.78	3756788.00	1.81469c	(96100608)	371932.09	3756785.50	1.65081c	(96100608)
372046.38	3756783.00	1.50881c	(96100608)	372160.66	3756780.25	1.38501c	(96100608)
372274.97	3756777.75	1.27643c	(96100608)	372384.72	3756775.50	1.18435c	(96100608)
372494.47	3756773.00	1.10236c	(96100608)	372604.22	3756770.50	1.02906c	(96100608)
372713.97	3756768.00	0.96325c	(96100608)	372738.38	3756741.75	0.94600c	(96100608)
372732.97	3756646.50	0.92518c	(96100608)	372819.62	3756573.75	0.85396c	(96100608)
372843.78	3756547.75	0.83160c	(96100608)	372839.41	3756453.75	0.78559c	(96100608)
372821.25	3756362.50	0.73592c	(96100608)	372795.62	3756342.50	0.73105c	(96100608)
372731.31	3756327.75	0.74228c	(96100608)	372707.19	3756351.75	0.76910c	(96100608)
372927.97	3756344.00	0.68901c	(96100608)	372952.09	3756318.75	0.66624c	(96100608)
372951.22	3756244.75	0.61945c	(96100608)	372926.66	3756270.00	0.64229c	(96100608)
373032.78	3756268.00	0.61373c	(96100608)	373138.88	3756266.25	0.58718c	(96100608)
373245.00	3756264.25	0.56220c	(96100608)	373351.12	3756262.25	0.53880c	(96100608)
373457.25	3756260.50	0.51698c	(96100608)	373481.81	3756235.00	0.50178c	(96100608)
373480.34	3756122.50	0.48137c	(96052108)	373478.88	3756009.75	0.47812c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.45484c	(96052108)	373475.94	3755784.50	0.42349c	(96010208)
373474.47	3755672.00	0.47718c	(96010208)	373473.00	3755559.25	0.51801c	(96010208)
373447.00	3755534.75	0.53242c	(96010208)	373334.22	3755539.25	0.56542c	(96010208)
373221.47	3755543.75	0.59937c	(96010208)	373197.47	3755568.25	0.60261c	(96010208)
373195.91	3755636.25	0.58584c	(96010208)	373194.34	3755704.50	0.56119c	(96010208)
373219.59	3755680.00	0.56178c	(96010208)	373134.91	3755679.00	0.59381c	(96010208)
373159.66	3755703.50	0.57481c	(96010208)	373157.94	3755634.75	0.59988c	(96010208)
373156.22	3755566.00	0.61639c	(96010208)	373132.47	3755541.75	0.62723c	(96010208)
373055.34	3755537.75	0.65104c	(96010208)	373079.06	3755562.25	0.64179c	(96010208)
373077.12	3755465.00	0.64355c	(96010208)	373075.16	3755368.00	0.62721c	(96010208)
373073.19	3755270.75	0.59527c	(96010208)	373071.22	3755173.50	0.55135c	(96010208)
373046.00	3755149.00	0.53811c	(96010208)	372939.09	3755150.00	0.53270c	(96010208)
372832.16	3755151.00	0.53654c	(96091908)	372725.25	3755152.00	0.59133c	(96091908)
372622.81	3755157.25	0.64682c	(96091908)	372527.31	3755158.00	0.70273c	(96091908)
372430.69	3755159.00	0.76159c	(96091908)	372334.09	3755159.75	0.82175c	(96091908)
372237.47	3755160.50	0.88169c	(96091908)	372138.81	3755161.25	0.94054c	(96091908)
372040.12	3755162.25	0.99444c	(96091908)	371941.47	3755163.00	1.03988c	(96091908)
371842.78	3755163.75	1.07316c	(96091908)	371747.72	3755164.50	1.08990c	(96091908)
371652.69	3755165.25	1.08792c	(96091908)	371557.62	3755166.25	1.06448c	(96091908)
371462.59	3755167.00	1.03875	(96032008)	371359.16	3755167.75	1.07765	(96032008)
371255.72	3755168.75	1.08454	(96032008)	371152.25	3755169.50	1.27333c	(96051208)
371048.81	3755170.50	1.45757c	(96051208)	371024.06	3755196.50	1.51210c	(96051208)
371027.69	3755273.25	1.54640c	(96051208)	371031.34	3755350.25	1.56304c	(96051208)
371019.94	3755375.50	1.59727c	(96051208)	371017.91	3755470.00	1.60370c	(96051208)
371017.38	3755556.25	1.60705	(96032008)	371040.31	3755531.50	1.56250	(96032008)
371025.97	3755420.25	1.58400c	(96051208)	371015.62	3755399.00	1.61263c	(96051208)
370915.81	3755327.25	1.79621c	(96051208)	370816.03	3755255.25	1.78792c	(96051208)
370736.56	3755243.75	1.74256c	(96051208)	370669.19	3755237.00	1.64846c	(96051208)
370571.06	3755237.25	1.53148c	(96021108)	370475.62	3755237.75	1.60525c	(96021108)
370380.12	3755238.25	1.61892c	(96021108)	370278.66	3755239.00	1.55053c	(96021108)
370177.19	3755239.50	1.55913	(96030608)	370075.72	3755240.00	1.52087	(96030608)
369979.41	3755240.50	1.45170c	(96012608)	369883.09	3755241.00	1.67881c	(96012608)
369786.78	3755241.50	1.89270c	(96012608)	369690.47	3755242.00	2.06166c	(96012608)
369594.16	3755242.75	2.15322c	(96012608)	369497.88	3755243.25	2.14508c	(96012608)
369396.38	3755243.75	2.12667c	(96020308)	369294.91	3755244.25	2.53828c	(96020308)
369193.44	3755244.75	2.69625c	(96020308)	369091.97	3755245.25	2.59090c	(96020308)
368990.50	3755246.00	2.30281c	(96020308)	368889.03	3755246.50	1.94180c	(96020308)
368782.41	3755247.00	1.57659c	(96020308)	368675.78	3755247.50	1.33426c	(96012908)
368569.12	3755248.25	1.36365c	(96012908)	368471.00	3755248.75	1.37038c	(96012908)
368372.84	3755249.25	1.36180c	(96012908)	368274.69	3755249.75	1.34148c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.29378c	(96012908)	368053.72	3755209.25	1.24228c	(96012908)
367940.91	3755188.50	1.19007c	(96012908)	367824.03	3755184.75	1.14460c	(96012908)
367710.84	3755181.25	1.09955c	(96012908)	367597.62	3755177.50	1.05448c	(96012908)
367484.44	3755174.00	1.01034c	(96012908)	367460.69	3755189.25	1.00511c	(96012908)
367415.00	3755295.25	1.00822c	(96012908)	367369.31	3755401.25	1.00065c	(96012908)
367323.59	3755507.25	1.05770c	(96012708)	367483.66	3755199.00	1.01630c	(96012908)
367300.88	3755623.25	1.13496c	(96012708)	367114.28	3756056.25	1.15164	(96010808)
366984.53	3756357.50	1.26141	(96010808)	366852.91	3756663.00	1.18531c	(96020408)
366902.28	3756692.00	1.21373c	(96020408)	366875.53	3756760.00	1.20691c	(96020408)
366812.69	3756738.50	1.17969c	(96020408)	366677.25	3757024.50	1.03275c	(96020408)
366536.22	3757322.00	0.84054c	(96010208)	366437.28	3757530.75	0.76565c	(96010608)
366486.94	3757537.25	0.77845c	(96010608)	366623.91	3757468.00	0.82269c	(96010208)
366644.38	3757530.75	0.81839c	(96010608)	366777.06	3757519.75	0.85335c	(96010608)
366998.56	3757642.25	0.85360c	(96010608)	367174.25	3757739.50	0.78431c	(96010608)
367290.72	3757694.25	0.82574c	(96010608)	367412.66	3757694.75	0.81800c	(96010608)
367409.81	3757735.75	0.76914c	(96010608)	367517.78	3757796.25	0.72981	(96010724)
367539.25	3757802.00	0.72497	(96010724)	367609.12	3757676.75	0.82463	(96010724)
367769.06	3757644.25	0.86301	(96010724)	367774.81	3757718.50	0.79413	(96010724)
367809.47	3757834.50	0.71663	(96052708)	367807.06	3757935.50	0.69188	(96052708)
367774.94	3757958.50	0.67812	(96052708)	367798.12	3758011.00	0.67602c	(96101908)
367914.41	3757961.50	0.71983c	(96101908)	367904.53	3757930.25	0.71970c	(96101908)
368108.69	3757840.25	0.80985c	(96101908)	368232.75	3757790.25	0.87233c	(96101908)
368308.88	3757761.50	0.91360c	(96101908)	368603.38	3757765.00	1.01760c	(96101908)
368603.84	3757718.50	1.05459c	(96101908)	368769.72	3757798.50	1.16502	(96020924)
369017.16	3757954.25	1.22992	(96020924)	369080.28	3757864.00	1.35293	(96020924)
369224.00	3757952.25	1.28818	(96020924)	369408.72	3757730.00	1.69777	(96020924)
369454.22	3757776.00	1.60575	(96020924)	369264.97	3757996.50	1.23005	(96020924)
369451.62	3758128.00	1.01591	(96020924)	369459.97	3758394.25	0.73225	(96020924)
369853.09	3758394.25	1.13346c	(96020324)	369850.44	3758078.00	1.19360c	(96020324)
370298.62	3758078.25	1.43378c	(96020324)	370297.53	3757962.75	1.55281c	(96020324)
370382.34	3757966.00	1.29283c	(96020324)	370510.12	3758027.25	1.21655	(96040424)
370505.62	3758087.75	1.16045	(96040424)	370886.41	3758089.00	1.21309	(96092408)
370885.06	3757750.50	1.52374	(96092408)	370907.31	3757701.50	1.53084	(96092408)
370944.91	3757670.00	1.61893c	(96021308)	371045.81	3757667.50	1.78776c	(96021308)
371046.34	3757585.00	2.10629	(96011324)	371121.66	3757583.50	2.29302	(96011324)
371192.59	3757720.25	1.85129	(96011324)	371253.97	3757762.25	1.80631	(96011324)
371263.66	3757782.50	1.75277	(96011324)	371372.34	3757782.25	1.88653c	(96100808)
371399.44	3757806.25	1.84716c	(96100808)	371798.31	3758080.25	1.55421c	(96100808)
371908.19	3757933.50	1.88756c	(96100808)	371964.22	3757921.75	1.88900c	(96100808)
371970.19	3757841.50	1.97442c	(96100808)	372023.31	3757843.25	1.92734c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.86356	(96101124)	372002.41	3757140.25	1.72222	(96101124)
371514.12	3757136.25	3.02643	(96101124)	371034.56	3757132.50	4.80800c	(96100808)
371034.44	3757085.25	4.95774	(96101124)	370764.19	3757087.00	5.72165	(96010324)
370754.00	3756817.75	8.20535	(96101124)	371031.47	3756807.25	4.23502	(96101024)
371033.12	3756780.25	4.11140c	(96100608)	371483.09	3756770.25	2.48476c	(96100608)
371817.25	3756763.00	1.81749c	(96100608)	372274.41	3756752.75	1.27399c	(96100608)
372713.41	3756743.00	0.96014c	(96100608)	372702.62	3756552.50	0.90122c	(96100608)
372818.81	3756548.75	0.84334c	(96100608)	372814.44	3756455.00	0.79640c	(96100608)
372796.75	3756367.50	0.74791c	(96100608)	372704.81	3756371.50	0.78485c	(96100608)
372706.31	3756326.75	0.75017c	(96100608)	372927.09	3756319.25	0.67389c	(96100608)
372926.22	3756245.00	0.62584c	(96100608)	373456.81	3756235.50	0.50655c	(96100608)
373448.00	3755559.75	0.52547c	(96010208)	373222.47	3755568.75	0.59440c	(96010208)
373219.34	3755705.00	0.55159c	(96010208)	373134.66	3755704.00	0.58425c	(96010208)
373131.22	3755566.75	0.62438c	(96010208)	373054.09	3755562.75	0.64973c	(96010208)
373046.22	3755174.00	0.55130c	(96010208)	372725.47	3755177.00	0.58458c	(96091908)
372624.12	3755182.25	0.64008c	(96091908)	372237.69	3755185.50	0.88309c	(96091908)
371843.00	3755188.75	1.09289c	(96091908)	371462.81	3755192.00	1.05705c	(96091908)
371049.03	3755195.50	1.47007c	(96051208)	371056.31	3755349.00	1.49920c	(96051208)
371043.41	3755384.00	1.53462c	(96051208)	371042.38	3755556.25	1.60446	(96032008)
370995.81	3755560.25	1.65134c	(96051208)	371001.00	3755419.25	1.65681c	(96051208)
370801.41	3755275.50	1.82514c	(96051208)	370666.66	3755261.75	1.69694c	(96051208)
370380.28	3755263.25	1.66110c	(96021108)	370075.88	3755265.00	1.55940	(96030608)
369786.91	3755266.50	1.95534c	(96012608)	369498.00	3755268.25	2.17967c	(96012608)
369193.59	3755269.75	2.73852c	(96020308)	368889.16	3755271.50	1.89017c	(96020308)
368569.28	3755273.25	1.39973c	(96012908)	368274.84	3755274.75	1.36378c	(96012908)
367936.44	3755213.25	1.20148c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	6.34522c	(96100808)	372498.53	3757611.75	4.86811c	(96100808)
372248.53	3757861.75	6.51248c	(96100808)	372498.53	3757861.75	5.47429c	(96100808)
372248.53	3758111.75	5.78392c	(96100808)	372498.53	3758111.75	5.35215c	(96100808)
372248.53	3758361.75	4.60657c	(96100808)	372498.53	3758361.75	4.67892c	(96100808)
373792.78	3755334.75	1.90282c	(96010208)	374092.78	3755334.75	1.62803c	(96010208)
373792.78	3755709.75	1.70712c	(96052108)	374092.78	3755709.75	1.57010c	(96052108)
373792.78	3756084.75	1.81182c	(96052108)	374092.78	3756084.75	1.59074c	(96052108)
373792.78	3756459.75	1.69849c	(96100608)	374092.78	3756459.75	1.49868c	(96100608)
373792.78	3756834.75	1.70650c	(96100608)	374092.78	3756834.75	1.50652c	(96100608)
373792.78	3757209.75	1.95242	(96061408)	374092.78	3757209.75	1.69616	(96061408)
373792.78	3757584.75	2.03469	(96101124)	374092.78	3757584.75	1.77620	(96061408)
373792.78	3757959.75	2.22385	(96101124)	374092.78	3757959.75	1.95496	(96101124)
373792.78	3758334.75	2.47610c	(96100808)	374092.78	3758334.75	1.97707c	(96100808)
373792.78	3758709.75	2.79388c	(96100808)	374092.78	3758709.75	2.38381c	(96100808)
370479.03	3756653.75	154.67882	(96090808)	367277.91	3755613.50	3.87871c	(96012908)
367231.25	3755721.75	3.72463c	(96012908)	367184.62	3755830.00	4.10339	(96010808)
367137.97	3755938.25	4.48764	(96010808)	367091.34	3756046.50	4.74639	(96010808)
367048.09	3756146.75	4.85756	(96010808)	367004.81	3756247.25	4.84216	(96010808)
366961.56	3756347.50	4.70822	(96010808)	366917.69	3756449.50	4.69477c	(96020408)
366873.81	3756551.25	4.77870c	(96020408)	366829.94	3756653.00	4.75373c	(96020408)
366840.22	3756684.50	4.77232c	(96020408)	366889.59	3756713.50	4.86083c	(96020408)
366879.00	3756682.75	4.85120c	(96020408)	366852.25	3756751.00	4.75842c	(96020408)
366883.62	3756736.50	4.83313c	(96020408)	366820.78	3756715.00	4.72258c	(96020408)
366790.12	3756728.00	4.65614c	(96020408)	366744.97	3756823.25	4.47461c	(96020408)
366699.81	3756918.50	4.23052c	(96020408)	366654.66	3757013.75	3.94007c	(96020408)
366607.66	3757113.00	3.60559c	(96020408)	366560.62	3757212.00	3.35901c	(96010208)
366513.62	3757311.25	3.25390c	(96010208)	366464.16	3757415.75	3.15125c	(96010608)
366414.69	3757520.00	3.09882c	(96010608)	366434.03	3757555.50	3.10495c	(96010608)
366483.69	3757562.00	3.15050c	(96010608)	366566.69	3757525.00	3.25941c	(96010608)
366620.62	3757538.50	3.30756c	(96010608)	366646.41	3757555.50	3.31902c	(96010608)
366712.75	3757550.25	3.39226c	(96010608)	366779.09	3757544.75	3.46738c	(96010608)
366838.81	3757582.50	3.46983c	(96010608)	366912.62	3757623.25	3.45141c	(96010608)
366986.47	3757664.25	3.39863c	(96010608)	367074.31	3757712.75	3.29150c	(96010608)
367162.16	3757761.25	3.13631c	(96010608)	367299.75	3757717.75	3.32082c	(96010608)
367384.88	3757734.00	3.24842c	(96010608)	367397.59	3757757.50	3.13777c	(96010608)
367505.56	3757818.00	2.83441	(96010724)	367532.81	3757826.00	2.81119	(96010724)
367561.06	3757814.00	2.85324	(96010724)	367596.03	3757751.50	3.09812c	(96010608)
367630.97	3757689.00	3.42724c	(96010608)	367694.09	3757685.00	3.42734c	(96010608)
367749.88	3757720.50	3.21475	(96010724)	367785.50	3757841.75	2.75618c	(96011024)
367782.09	3757935.00	2.69216c	(96011024)	367752.06	3757968.50	2.63061c	(96011024)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	2.62692c	(96011224)	367807.91	3758034.00	2.68614c	(96011224)
367866.06	3758009.25	2.78384c	(96011224)	367924.19	3757984.50	2.88657c	(96011224)
367938.25	3757954.00	2.91050c	(96011224)	367928.38	3757922.75	2.88297c	(96011224)
367914.62	3757953.25	2.86470c	(96011224)	368016.69	3757908.25	3.06126c	(96011224)
368118.78	3757863.25	3.27819c	(96011224)	368180.06	3757838.50	3.41898c	(96011224)
368242.09	3757813.50	3.57001c	(96011224)	368317.75	3757784.75	3.76581c	(96011224)
368406.72	3757787.75	3.97523c	(96011224)	368504.88	3757788.75	4.17988c	(96011224)
368603.06	3757790.00	4.33970c	(96011224)	368628.38	3757765.25	4.45715c	(96011224)
368675.91	3757781.00	4.47329	(96020724)	368758.84	3757821.00	4.81005	(96020724)
368838.88	3757871.50	5.06720	(96020724)	368921.38	3757923.50	5.22937	(96020724)
369003.84	3757975.50	5.25419	(96020724)	369037.66	3757968.75	5.34176	(96020724)
369100.78	3757878.25	5.87752	(96020724)	369067.19	3757885.25	5.76878	(96020724)
369139.03	3757929.50	5.66886	(96020724)	369210.91	3757973.75	5.41623	(96020724)
369243.25	3757968.25	5.42467	(96020724)	369304.81	3757894.25	5.88712	(96020724)
369366.38	3757820.00	6.41939	(96020724)	369436.44	3757793.50	6.51532	(96020724)
369435.25	3757759.75	6.87027	(96020724)	369250.56	3758016.75	5.09011	(96020724)
369343.91	3758082.50	4.40409	(96020724)	369437.25	3758148.25	4.05290c	(96020208)
369429.41	3758217.50	3.86204c	(96020208)	369432.19	3758306.25	3.63486c	(96020208)
369434.97	3758395.00	3.40295c	(96020208)	369459.97	3758419.25	3.33499c	(96020208)
369558.25	3758419.25	3.25690c	(96020324)	369656.53	3758419.25	3.89242c	(96020324)
369754.81	3758419.25	4.55601c	(96020324)	369853.09	3758419.25	5.16825c	(96020324)
369878.09	3758394.00	5.38394c	(96020324)	369877.19	3758288.75	5.72285c	(96020324)
369876.31	3758183.25	6.09040c	(96020324)	369962.47	3758103.00	7.10778c	(96020324)
370074.53	3758103.00	7.67808c	(96020324)	370186.59	3758103.00	7.69770c	(96020324)
370298.62	3758103.25	7.14692c	(96020324)	370323.62	3758078.00	7.12819c	(96020324)
370381.38	3757991.00	7.49040	(96010924)	370435.41	3758019.25	7.18715	(96010924)
370499.31	3758049.75	6.74059	(96010924)	370485.19	3758025.25	6.96178	(96010924)
370480.69	3758086.00	6.60093	(96010924)	370505.53	3758112.75	6.34561	(96010924)
370600.72	3758113.25	6.07510c	(96011024)	370695.94	3758113.50	5.54901c	(96011024)
370791.12	3758113.75	4.77241c	(96011024)	370886.34	3758114.00	4.32876c	(96033008)
370911.41	3758089.00	4.63382c	(96033008)	370910.97	3757976.00	5.43973c	(96033008)
370910.53	3757863.25	6.33931c	(96033008)	370910.06	3757750.50	7.30445c	(96033008)
370930.06	3757711.75	7.60667c	(96033008)	370960.91	3757689.25	7.69906c	(96021308)
371046.47	3757692.50	8.09217c	(96021308)	371070.81	3757667.50	8.44596c	(96021308)
371071.34	3757585.25	9.39833c	(96021308)	371046.88	3757610.00	9.12987c	(96021308)
371122.22	3757608.50	8.99683c	(96021308)	371099.47	3757595.00	9.21030c	(96021308)
371134.94	3757663.25	8.45409c	(96021308)	371170.41	3757731.75	7.78252c	(96021308)
371239.88	3757782.75	7.27737c	(96021308)	371263.72	3757807.50	7.06385c	(96021308)
371372.38	3757807.25	6.97109c	(96100808)	371385.28	3757826.75	6.76614c	(96100808)
371485.00	3757895.25	6.42607c	(96100808)	371584.72	3757963.75	6.09529c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	5.77885c	(96100808)	371784.16	3758100.75	5.47935c	(96100808)
371818.31	3758095.25	5.62181c	(96100808)	371873.25	3758021.75	6.33527c	(96100808)
371928.19	3757948.50	6.91365c	(96100808)	371969.34	3757946.25	6.90456c	(96100808)
371989.16	3757923.75	7.02024c	(96100808)	371995.12	3757843.25	7.43842c	(96100808)
371969.38	3757866.50	7.38076c	(96100808)	372022.50	3757868.25	7.24788c	(96100808)
372048.31	3757843.00	7.28219c	(96100808)	372047.16	3757745.75	7.58784c	(96100808)
372046.03	3757648.50	7.71363c	(96100808)	372044.88	3757551.25	7.62778c	(96100808)
372040.50	3757447.75	7.31417c	(96100808)	372036.12	3757345.00	6.76141c	(96100808)
372031.75	3757242.00	6.26734	(96101124)	372027.38	3757139.25	6.22249	(96101124)
372002.59	3757115.25	6.32287	(96101124)	371880.53	3757114.25	7.14649	(96101124)
371758.47	3757113.25	8.07562	(96101124)	371636.38	3757112.25	9.56910c	(96100808)
371514.31	3757111.25	11.88617c	(96100808)	371394.41	3757110.25	14.67667c	(96100808)
371274.53	3757109.50	17.99394c	(96100808)	371154.62	3757108.50	21.81321c	(96100808)
371034.75	3757107.50	25.82244c	(96100808)	371059.56	3757132.50	24.29390c	(96100808)
371059.44	3757085.25	25.62494c	(96100808)	371034.31	3757060.25	27.21866c	(96100808)
370944.22	3757060.75	30.73380c	(96100808)	370854.12	3757061.25	31.17581c	(96100808)
370764.03	3757062.00	30.63146c	(96100808)	370789.16	3757086.00	28.76794c	(96100808)
370785.78	3756996.25	37.97947c	(96100808)	370782.38	3756906.50	50.71040c	(96100808)
370778.97	3756816.75	53.84512	(96101124)	370754.94	3756842.75	53.29321	(96101124)
370847.44	3756839.25	43.39810	(96101124)	370939.91	3756835.75	33.03262c	(96100808)
371032.41	3756832.25	24.14742c	(96100808)	371056.41	3756808.75	22.44810	(96101124)
371058.09	3756781.75	21.41475	(96101124)	371033.69	3756805.25	23.70539	(96101124)
371146.19	3756802.75	17.89429	(96101124)	371258.66	3756800.25	14.15211	(96101124)
371371.16	3756797.75	11.39905	(96101124)	371483.62	3756795.25	9.65867	(96061408)
371595.03	3756793.00	8.38753	(96061408)	371706.41	3756790.50	7.34023	(96061408)
371817.78	3756788.00	6.46912	(96061408)	371932.09	3756785.50	5.72076	(96061408)
372046.38	3756783.00	5.09062	(96061408)	372160.66	3756780.25	4.58124c	(96051808)
372274.97	3756777.75	4.15539c	(96051808)	372384.72	3756775.50	3.79935c	(96051808)
372494.47	3756773.00	3.48573c	(96051808)	372604.22	3756770.50	3.22138c	(96100608)
372713.97	3756768.00	3.00789c	(96100608)	372738.38	3756741.75	2.97916c	(96100608)
372732.97	3756646.50	3.01862c	(96100608)	372819.62	3756573.75	2.85095c	(96100608)
372843.78	3756547.75	2.79956c	(96100608)	372839.41	3756453.75	2.74143c	(96100608)
372821.25	3756362.50	2.66176c	(96100608)	372795.62	3756342.50	2.73045c	(96052108)
372731.31	3756327.75	2.87990c	(96052108)	372707.19	3756351.75	2.87420c	(96052108)
372927.97	3756344.00	2.50630c	(96052108)	372952.09	3756318.75	2.51768c	(96052108)
372951.22	3756244.75	2.63284c	(96052108)	372926.66	3756270.00	2.63799c	(96052108)
373032.78	3756268.00	2.47880c	(96052108)	373138.88	3756266.25	2.33350c	(96052108)
373245.00	3756264.25	2.20108c	(96052108)	373351.12	3756262.25	2.07979c	(96052108)
373457.25	3756260.50	1.96809c	(96052108)	373481.81	3756235.00	1.97385c	(96052108)
373480.34	3756122.50	2.07273c	(96052108)	373478.88	3756009.75	2.10273c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.06195c	(96052108)	373475.94	3755784.50	1.95602c	(96052108)
373474.47	3755672.00	1.94912c	(96010208)	373473.00	3755559.25	2.09439c	(96010208)
373447.00	3755534.75	2.15299c	(96010208)	373334.22	3755539.25	2.30122c	(96010208)
373221.47	3755543.75	2.45861c	(96010208)	373197.47	3755568.25	2.47580c	(96010208)
373195.91	3755636.25	2.41018c	(96010208)	373194.34	3755704.50	2.31968c	(96010208)
373219.59	3755680.00	2.31465c	(96010208)	373134.91	3755679.00	2.45672c	(96010208)
373159.66	3755703.50	2.37936c	(96010208)	373157.94	3755634.75	2.47350c	(96010208)
373156.22	3755566.00	2.54065c	(96010208)	373132.47	3755541.75	2.59234c	(96010208)
373055.34	3755537.75	2.71177c	(96010208)	373079.06	3755562.25	2.66361c	(96010208)
373077.12	3755465.00	2.68961c	(96010208)	373075.16	3755368.00	2.65376c	(96010208)
373073.19	3755270.75	2.56148c	(96010208)	373071.22	3755173.50	2.42223c	(96010208)
373046.00	3755149.00	2.39031c	(96010208)	372939.09	3755150.00	2.42449c	(96010208)
372832.16	3755151.00	2.44514c	(96010208)	372725.25	3755152.00	2.45015c	(96010208)
372622.81	3755157.25	2.45179c	(96010208)	372527.31	3755158.00	2.42570c	(96010208)
372430.69	3755159.00	2.38345c	(96010208)	372334.09	3755159.75	2.32306c	(96010208)
372237.47	3755160.50	2.55150	(96032608)	372138.81	3755161.25	2.84313	(96032608)
372040.12	3755162.25	3.15275	(96032608)	371941.47	3755163.00	3.47776	(96032608)
371842.78	3755163.75	3.81407	(96032608)	371747.72	3755164.50	4.14320	(96032608)
371652.69	3755165.25	4.46962	(96032608)	371557.62	3755166.25	4.78324	(96032608)
371462.59	3755167.00	5.10549c	(96020708)	371359.16	3755167.75	5.37260c	(96020708)
371255.72	3755168.75	5.47624	(96032608)	371152.25	3755169.50	5.83379c	(96020408)
371048.81	3755170.50	6.97065c	(96020408)	371024.06	3755196.50	7.28606c	(96020408)
371027.69	3755273.25	7.38351c	(96020408)	371031.34	3755350.25	7.39290c	(96020408)
371019.94	3755375.50	7.57460c	(96020408)	371017.91	3755470.00	8.03902	(96032608)
371017.38	3755556.25	9.01825	(96032608)	371040.31	3755531.50	8.67117	(96032608)
371025.97	3755420.25	7.50756	(96032608)	371015.62	3755399.00	7.64513c	(96020408)
370915.81	3755327.25	8.95772c	(96020408)	370816.03	3755255.25	9.32888c	(96020408)
370736.56	3755243.75	9.39721c	(96020408)	370669.19	3755237.00	9.16330c	(96020408)
370571.06	3755237.25	8.48056c	(96020408)	370475.62	3755237.75	7.43778c	(96020408)
370380.12	3755238.25	6.73365c	(96010124)	370278.66	3755239.00	7.61700c	(96010124)
370177.19	3755239.50	8.26243c	(96010124)	370075.72	3755240.00	8.70096c	(96010124)
369979.41	3755240.50	8.97166c	(96010124)	369883.09	3755241.00	9.12798c	(96010124)
369786.78	3755241.50	9.17589c	(96010124)	369690.47	3755242.00	9.23256c	(96012608)
369594.16	3755242.75	11.34153c	(96020308)	369497.88	3755243.25	14.16605c	(96020308)
369396.38	3755243.75	16.17778c	(96020308)	369294.91	3755244.25	16.76448c	(96020308)
369193.44	3755244.75	15.97575c	(96020308)	369091.97	3755245.25	14.22702c	(96020308)
368990.50	3755246.00	12.04315c	(96020308)	368889.03	3755246.50	9.86184c	(96020308)
368782.41	3755247.00	7.85259c	(96020308)	368675.78	3755247.50	6.26028c	(96010124)
368569.12	3755248.25	6.13163c	(96012908)	368471.00	3755248.75	6.05221c	(96012908)
368372.84	3755249.25	5.92891c	(96012908)	368274.69	3755249.75	5.77309c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	5.50032c	(96012908)	368053.72	3755209.25	5.22375c	(96012908)
367940.91	3755188.50	4.95629c	(96012908)	367824.03	3755184.75	4.73129c	(96012908)
367710.84	3755181.25	4.51516c	(96012908)	367597.62	3755177.50	4.30334c	(96012908)
367484.44	3755174.00	4.09895c	(96012908)	367460.69	3755189.25	4.07603c	(96012908)
367415.00	3755295.25	4.09658c	(96012908)	367369.31	3755401.25	4.06953c	(96012908)
367323.59	3755507.25	3.99539c	(96012908)	367483.66	3755199.00	4.12818c	(96012908)
367300.88	3755623.25	3.92610c	(96012908)	367114.28	3756056.25	4.81256	(96010808)
366984.53	3756357.50	4.74784	(96010808)	366852.91	3756663.00	4.80033c	(96020408)
366902.28	3756692.00	4.89668c	(96020408)	366875.53	3756760.00	4.79555c	(96020408)
366812.69	3756738.50	4.69204c	(96020408)	366677.25	3757024.50	3.94054c	(96020408)
366536.22	3757322.00	3.27014c	(96010208)	366437.28	3757530.75	3.11926c	(96010608)
366486.94	3757537.25	3.16824c	(96010608)	366623.91	3757468.00	3.35016c	(96010608)
366644.38	3757530.75	3.33906c	(96010608)	366777.06	3757519.75	3.49422c	(96010608)
366998.56	3757642.25	3.46568c	(96010608)	367174.25	3757739.50	3.22027c	(96010608)
367290.72	3757694.25	3.41712c	(96010608)	367412.66	3757694.75	3.42777c	(96010608)
367409.81	3757735.75	3.23725c	(96010608)	367517.78	3757796.25	2.90567	(96010724)
367539.25	3757802.00	2.89069	(96010724)	367609.12	3757676.75	3.50063c	(96010608)
367769.06	3757644.25	3.64450c	(96010608)	367774.81	3757718.50	3.22657	(96010724)
367809.47	3757834.50	2.79222c	(96011024)	367807.06	3757935.50	2.71621c	(96011024)
367774.94	3757958.50	2.66175c	(96011024)	367798.12	3758011.00	2.66408c	(96011224)
367914.41	3757961.50	2.86601c	(96011224)	367904.53	3757930.25	2.83749c	(96011224)
368108.69	3757840.25	3.25302c	(96011224)	368232.75	3757790.25	3.55066c	(96011224)
368308.88	3757761.50	3.75177c	(96011224)	368603.38	3757765.00	4.41807c	(96011224)
368603.84	3757718.50	4.54612c	(96011224)	368769.72	3757798.50	4.87428	(96020724)
369017.16	3757954.25	5.36558	(96020724)	369080.28	3757864.00	5.89666	(96020724)
369224.00	3757952.25	5.54751	(96020724)	369408.72	3757730.00	7.22930	(96020724)
369454.22	3757776.00	6.64348	(96020724)	369264.97	3757996.50	5.20197	(96020724)
369451.62	3758128.00	4.13578c	(96020208)	369459.97	3758394.25	3.40382c	(96020208)
369853.09	3758394.25	5.24016c	(96020324)	369850.44	3758078.00	6.24300c	(96020324)
370298.62	3758078.25	7.32139c	(96020324)	370297.53	3757962.75	8.23724c	(96020324)
370382.34	3757966.00	7.68806	(96010924)	370510.12	3758027.25	6.82299	(96010924)
370505.62	3758087.75	6.48606	(96010924)	370886.41	3758089.00	4.49531c	(96033008)
370885.06	3757750.50	7.28277c	(96033008)	370907.31	3757701.50	7.73588c	(96033008)
370944.91	3757670.00	7.86852c	(96021308)	371045.81	3757667.50	8.40430c	(96021308)
371046.34	3757585.00	9.44154c	(96021308)	371121.66	3757583.50	9.22199c	(96021308)
371192.59	3757720.25	7.83870c	(96021308)	371253.97	3757762.25	7.37797c	(96021308)
371263.66	3757782.50	7.22337c	(96021308)	371372.34	3757782.25	7.35860c	(96100808)
371399.44	3757806.25	7.16300c	(96100808)	371798.31	3758080.25	5.69631c	(96100808)
371908.19	3757933.50	7.02679c	(96100808)	371964.22	3757921.75	7.06358c	(96100808)
371970.19	3757841.50	7.51303c	(96100808)	372023.31	3757843.25	7.35791c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	7.82140c	(96100808)	372002.41	3757140.25	6.37660	(96101124)
371514.12	3757136.25	12.19666c	(96100808)	371034.56	3757132.50	24.90897c	(96100808)
371034.44	3757085.25	26.69925c	(96100808)	370764.19	3757087.00	28.23545c	(96100808)
370754.00	3756817.75	57.14344	(96101124)	371031.47	3756807.25	23.85490	(96101124)
371033.12	3756780.25	23.42922	(96101124)	371483.09	3756770.25	9.58250	(96061408)
371817.25	3756763.00	6.35258	(96061408)	372274.41	3756752.75	4.08006c	(96051808)
372713.41	3756743.00	3.02489c	(96100608)	372702.62	3756552.50	3.05703c	(96100608)
372818.81	3756548.75	2.84253c	(96100608)	372814.44	3756455.00	2.78347c	(96100608)
372796.75	3756367.50	2.70663c	(96100608)	372704.81	3756371.50	2.86288c	(96100608)
372706.31	3756326.75	2.93026c	(96052108)	372927.09	3756319.25	2.55591c	(96052108)
372926.22	3756245.00	2.67204c	(96052108)	373456.81	3756235.50	1.99894c	(96052108)
373448.00	3755559.75	2.12690c	(96010208)	373222.47	3755568.75	2.43764c	(96010208)
373219.34	3755705.00	2.27787c	(96010208)	373134.66	3755704.00	2.42139c	(96010208)
373131.22	3755566.75	2.57887c	(96010208)	373054.09	3755562.75	2.70301c	(96010208)
373046.22	3755174.00	2.43423c	(96010208)	372725.47	3755177.00	2.51951c	(96010208)
372624.12	3755182.25	2.52947c	(96010208)	372237.69	3755185.50	2.52052	(96032608)
371843.00	3755188.75	3.82188	(96032608)	371462.81	3755192.00	5.15940c	(96020708)
371049.03	3755195.50	7.01177c	(96020408)	371056.31	3755349.00	7.01334c	(96020408)
371043.41	3755384.00	7.19507c	(96020408)	371042.38	3755556.25	8.93122	(96032608)
370995.81	3755560.25	9.12489	(96032608)	371001.00	3755419.25	7.89237c	(96020408)
370801.41	3755275.50	9.57360c	(96020408)	370666.66	3755261.75	9.44399c	(96020408)
370380.28	3755263.25	6.91608c	(96010124)	370075.88	3755265.00	8.98573c	(96010124)
369786.91	3755266.50	9.46615c	(96010124)	369498.00	3755268.25	14.98238c	(96020308)
369193.59	3755269.75	16.11013c	(96020308)	368889.16	3755271.50	9.61440c	(96020308)
368569.28	3755273.25	6.29800c	(96012908)	368274.84	3755274.75	5.88057c	(96012908)
367936.44	3755213.25	5.01217c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.62103	(96101124)	372498.53	3757611.75	1.40937	(96101124)
372248.53	3757861.75	1.68882c	(96100808)	372498.53	3757861.75	1.39597c	(96100808)
372248.53	3758111.75	1.57815c	(96100808)	372498.53	3758111.75	1.44168c	(96100808)
372248.53	3758361.75	1.29251c	(96100808)	372498.53	3758361.75	1.30675c	(96100808)
373792.78	3755334.75	0.48079c	(96010208)	374092.78	3755334.75	0.41633c	(96010208)
373792.78	3755709.75	0.37263c	(96052108)	374092.78	3755709.75	0.35778c	(96052108)
373792.78	3756084.75	0.43156c	(96052108)	374092.78	3756084.75	0.38751c	(96052108)
373792.78	3756459.75	0.51544c	(96100608)	374092.78	3756459.75	0.45987c	(96100608)
373792.78	3756834.75	0.56864c	(96100608)	374092.78	3756834.75	0.50360c	(96100608)
373792.78	3757209.75	0.54149c	(96100608)	374092.78	3757209.75	0.48518c	(96100608)
373792.78	3757584.75	0.58505	(96101124)	374092.78	3757584.75	0.49077	(96100224)
373792.78	3757959.75	0.72207	(96101124)	374092.78	3757959.75	0.61828	(96101124)
373792.78	3758334.75	0.72816	(96101124)	374092.78	3758334.75	0.65913	(96101124)
373792.78	3758709.75	0.77116c	(96100808)	374092.78	3758709.75	0.65336c	(96100808)
370479.03	3756653.75	20.15467	(96092624)	367277.91	3755613.50	1.12081c	(96012708)
367231.25	3755721.75	1.15363c	(96012708)	367184.62	3755830.00	1.15290c	(96012708)
367137.97	3755938.25	1.12117c	(96012708)	367091.34	3756046.50	1.13449	(96010808)
367048.09	3756146.75	1.20794	(96010808)	367004.81	3756247.25	1.24637	(96010808)
366961.56	3756347.50	1.24847	(96010808)	366917.69	3756449.50	1.21623	(96010808)
366873.81	3756551.25	1.15515	(96010808)	366829.94	3756653.00	1.17133c	(96020408)
366840.22	3756684.50	1.18367c	(96020408)	366889.59	3756713.50	1.20995c	(96020408)
366879.00	3756682.75	1.20021c	(96020408)	366852.25	3756751.00	1.19563c	(96020408)
366883.62	3756736.50	1.20909c	(96020408)	366820.78	3756715.00	1.18012c	(96020408)
366790.12	3756728.00	1.16833c	(96020408)	366744.97	3756823.25	1.14375c	(96020408)
366699.81	3756918.50	1.09675c	(96020408)	366654.66	3757013.75	1.03187c	(96020408)
366607.66	3757113.00	0.95060c	(96020408)	366560.62	3757212.00	0.86098c	(96020408)
366513.62	3757311.25	0.83464c	(96010208)	366464.16	3757415.75	0.80665c	(96010208)
366414.69	3757520.00	0.76479c	(96010208)	366434.03	3757555.50	0.76502c	(96010608)
366483.69	3757562.00	0.77691c	(96010608)	366566.69	3757525.00	0.79779c	(96010608)
366620.62	3757538.50	0.81126c	(96010608)	366646.41	3757555.50	0.81625c	(96010608)
366712.75	3757550.25	0.83280c	(96010608)	366779.09	3757544.75	0.84962c	(96010608)
366838.81	3757582.50	0.85388c	(96010608)	366912.62	3757623.25	0.85134c	(96010608)
366986.47	3757664.25	0.83819c	(96010608)	367074.31	3757712.75	0.80854c	(96010608)
367162.16	3757761.25	0.76373c	(96010608)	367299.75	3757717.75	0.80069c	(96010608)
367384.88	3757734.00	0.77474c	(96010608)	367397.59	3757757.50	0.75234	(96010724)
367505.56	3757818.00	0.71263	(96010724)	367532.81	3757826.00	0.70538	(96010724)
367561.06	3757814.00	0.71446	(96010724)	367596.03	3757751.50	0.76624	(96010724)
367630.97	3757689.00	0.81713	(96010724)	367694.09	3757685.00	0.82409	(96010724)
367749.88	3757720.50	0.79301	(96010724)	367785.50	3757841.75	0.70723	(96052708)
367782.09	3757935.00	0.68572	(96052708)	367752.06	3757968.50	0.66980	(96052708)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.66690c	(96101908)	367807.91	3758034.00	0.67554c	(96101908)
367866.06	3758009.25	0.69660c	(96101908)	367924.19	3757984.50	0.71863c	(96101908)
367938.25	3757954.00	0.72794c	(96101908)	367928.38	3757922.75	0.72805c	(96101908)
367914.62	3757953.25	0.71992c	(96101908)	368016.69	3757908.25	0.76241c	(96101908)
368118.78	3757863.25	0.80882c	(96101908)	368180.06	3757838.50	0.83824c	(96101908)
368242.09	3757813.50	0.86956c	(96101908)	368317.75	3757784.75	0.90945c	(96101908)
368406.72	3757787.75	0.94338c	(96101908)	368504.88	3757788.75	0.97459c	(96101908)
368603.06	3757790.00	1.01056	(96020924)	368628.38	3757765.25	1.03167	(96020924)
368675.91	3757781.00	1.07746	(96020924)	368758.84	3757821.00	1.14725	(96020924)
368838.88	3757871.50	1.19118	(96020924)	368921.38	3757923.50	1.21011	(96020924)
369003.84	3757975.50	1.20280	(96020924)	369037.66	3757968.75	1.22177	(96020924)
369100.78	3757878.25	1.34553	(96020924)	369067.19	3757885.25	1.32183	(96020924)
369139.03	3757929.50	1.29897	(96020924)	369210.91	3757973.75	1.25726	(96020924)
369243.25	3757968.25	1.26790	(96020924)	369304.81	3757894.25	1.38228	(96020924)
369366.38	3757820.00	1.51445	(96020924)	369436.44	3757793.50	1.56969	(96020924)
369435.25	3757759.75	1.63930	(96020924)	369250.56	3758016.75	1.20267	(96020924)
369343.91	3758082.50	1.10678	(96020924)	369437.25	3758148.25	0.99694	(96020924)
369429.41	3758217.50	0.91862	(96020924)	369432.19	3758306.25	0.82505	(96020924)
369434.97	3758395.00	0.74273	(96020924)	369459.97	3758419.25	0.71569c	(96020208)
369558.25	3758419.25	0.67845c	(96020208)	369656.53	3758419.25	0.74943c	(96020324)
369754.81	3758419.25	0.93971c	(96020324)	369853.09	3758419.25	1.12062c	(96020324)
369878.09	3758394.00	1.17086c	(96020324)	369877.19	3758288.75	1.20610c	(96020324)
369876.31	3758183.25	1.23530c	(96020324)	369962.47	3758103.00	1.45954c	(96020324)
370074.53	3758103.00	1.61839c	(96020324)	370186.59	3758103.00	1.60231c	(96020324)
370298.62	3758103.25	1.41683c	(96020324)	370323.62	3758078.00	1.38055c	(96020324)
370381.38	3757991.00	1.28753c	(96020324)	370435.41	3758019.25	1.20623	(96010924)
370499.31	3758049.75	1.19076	(96040424)	370485.19	3758025.25	1.20646	(96040424)
370480.69	3758086.00	1.14710	(96040424)	370505.53	3758112.75	1.13743	(96040424)
370600.72	3758113.25	1.13533	(96040424)	370695.94	3758113.50	1.19939	(96092408)
370791.12	3758113.75	1.21783	(96092408)	370886.34	3758114.00	1.19274	(96092408)
370911.41	3758089.00	1.20048	(96092408)	370910.97	3757976.00	1.29527	(96092408)
370910.53	3757863.25	1.39163	(96092408)	370910.06	3757750.50	1.48887	(96092408)
370930.06	3757711.75	1.48768	(96092408)	370960.91	3757689.25	1.59283c	(96021308)
371046.47	3757692.50	1.73020c	(96021308)	371070.81	3757667.50	1.80065c	(96021308)
371071.34	3757585.25	2.16538	(96011324)	371046.88	3757610.00	1.97285	(96011324)
371122.22	3757608.50	2.17279	(96011324)	371099.47	3757595.00	2.18628	(96011324)
371134.94	3757663.25	1.95645	(96011324)	371170.41	3757731.75	1.75517	(96011324)
371239.88	3757782.75	1.70636	(96011324)	371263.72	3757807.50	1.66451	(96011324)
371372.38	3757807.25	1.80930	(96011324)	371385.28	3757826.75	1.76667	(96011324)
371485.00	3757895.25	1.67938c	(96100808)	371584.72	3757963.75	1.61967c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.55645c	(96100808)	371784.16	3758100.75	1.49224c	(96100808)
371818.31	3758095.25	1.53443c	(96100808)	371873.25	3758021.75	1.72288c	(96100808)
371928.19	3757948.50	1.86102c	(96100808)	371969.34	3757946.25	1.85527c	(96100808)
371989.16	3757923.75	1.87713c	(96100808)	371995.12	3757843.25	1.95484c	(96100808)
371969.38	3757866.50	1.95292c	(96100808)	372022.50	3757868.25	1.91235c	(96100808)
372048.31	3757843.00	1.90679c	(96100808)	372047.16	3757745.75	1.93535c	(96100808)
372046.03	3757648.50	1.90544c	(96100808)	372044.88	3757551.25	1.84417	(96101124)
372040.50	3757447.75	1.91939	(96101124)	372036.12	3757345.00	1.92202	(96101124)
372031.75	3757242.00	1.84125	(96101124)	372027.38	3757139.25	1.67778	(96101124)
372002.59	3757115.25	1.67444	(96101124)	371880.53	3757114.25	1.93087	(96101124)
371758.47	3757113.25	2.23420	(96101124)	371636.38	3757112.25	2.59105	(96101124)
371514.31	3757111.25	3.00513	(96101124)	371394.41	3757110.25	3.46444	(96101124)
371274.53	3757109.50	3.95647	(96101124)	371154.62	3757108.50	4.43063	(96101124)
371034.75	3757107.50	4.84061c	(96100808)	371059.56	3757132.50	4.70542c	(96100808)
371059.44	3757085.25	4.89012	(96101124)	371034.31	3757060.25	5.15021	(96101124)
370944.22	3757060.75	5.41121	(96101124)	370854.12	3757061.25	5.67936c	(96100808)
370764.03	3757062.00	6.09387	(96010324)	370789.16	3757086.00	5.70966	(96010324)
370785.78	3756996.25	6.71248	(96010324)	370782.38	3756906.50	7.92889	(96101124)
370778.97	3756816.75	7.79211	(96101124)	370754.94	3756842.75	8.46025	(96101124)
370847.44	3756839.25	6.97693	(96101124)	370939.91	3756835.75	5.61399	(96101124)
371032.41	3756832.25	4.52096	(96101124)	371056.41	3756808.75	4.06127	(96101024)
371058.09	3756781.75	3.99673c	(96100608)	371033.69	3756805.25	4.22986	(96101024)
371146.19	3756802.75	3.52645c	(96100608)	371258.66	3756800.25	3.12077c	(96100608)
371371.16	3756797.75	2.77123c	(96100608)	371483.62	3756795.25	2.47297c	(96100608)
371595.03	3756793.00	2.22072c	(96100608)	371706.41	3756790.50	2.00494c	(96100608)
371817.78	3756788.00	1.81929c	(96100608)	371932.09	3756785.50	1.65478c	(96100608)
372046.38	3756783.00	1.51226c	(96100608)	372160.66	3756780.25	1.38802c	(96100608)
372274.97	3756777.75	1.27908c	(96100608)	372384.72	3756775.50	1.18669c	(96100608)
372494.47	3756773.00	1.10445c	(96100608)	372604.22	3756770.50	1.03093c	(96100608)
372713.97	3756768.00	0.96493c	(96100608)	372738.38	3756741.75	0.94764c	(96100608)
372732.97	3756646.50	0.92677c	(96100608)	372819.62	3756573.75	0.85535c	(96100608)
372843.78	3756547.75	0.83293c	(96100608)	372839.41	3756453.75	0.78678c	(96100608)
372821.25	3756362.50	0.73695c	(96100608)	372795.62	3756342.50	0.73206c	(96100608)
372731.31	3756327.75	0.74330c	(96100608)	372707.19	3756351.75	0.77020c	(96100608)
372927.97	3756344.00	0.68993c	(96100608)	372952.09	3756318.75	0.66710c	(96100608)
372951.22	3756244.75	0.62019c	(96100608)	372926.66	3756270.00	0.64308c	(96100608)
373032.78	3756268.00	0.61447c	(96100608)	373138.88	3756266.25	0.58787c	(96100608)
373245.00	3756264.25	0.56285c	(96100608)	373351.12	3756262.25	0.53941c	(96100608)
373457.25	3756260.50	0.51755c	(96100608)	373481.81	3756235.00	0.50232c	(96100608)
373480.34	3756122.50	0.48192c	(96052108)	373478.88	3756009.75	0.47856c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.45514c	(96052108)	373475.94	3755784.50	0.42444c	(96010208)
373474.47	3755672.00	0.47813c	(96010208)	373473.00	3755559.25	0.51891c	(96010208)
373447.00	3755534.75	0.53331c	(96010208)	373334.22	3755539.25	0.56633c	(96010208)
373221.47	3755543.75	0.60030c	(96010208)	373197.47	3755568.25	0.60357c	(96010208)
373195.91	3755636.25	0.58689c	(96010208)	373194.34	3755704.50	0.56231c	(96010208)
373219.59	3755680.00	0.56287c	(96010208)	373134.91	3755679.00	0.59494c	(96010208)
373159.66	3755703.50	0.57595c	(96010208)	373157.94	3755634.75	0.60095c	(96010208)
373156.22	3755566.00	0.61736c	(96010208)	373132.47	3755541.75	0.62815c	(96010208)
373055.34	3755537.75	0.65193c	(96010208)	373079.06	3755562.25	0.64274c	(96010208)
373077.12	3755465.00	0.64427c	(96010208)	373075.16	3755368.00	0.62768c	(96010208)
373073.19	3755270.75	0.59548c	(96010208)	373071.22	3755173.50	0.55132c	(96010208)
373046.00	3755149.00	0.53801c	(96010208)	372939.09	3755150.00	0.53247c	(96010208)
372832.16	3755151.00	0.53801c	(96091908)	372725.25	3755152.00	0.59292c	(96091908)
372622.81	3755157.25	0.64853c	(96091908)	372527.31	3755158.00	0.70451c	(96091908)
372430.69	3755159.00	0.76343c	(96091908)	372334.09	3755159.75	0.82361c	(96091908)
372237.47	3755160.50	0.88351c	(96091908)	372138.81	3755161.25	0.94225c	(96091908)
372040.12	3755162.25	0.99594c	(96091908)	371941.47	3755163.00	1.04107c	(96091908)
371842.78	3755163.75	1.07391c	(96091908)	371747.72	3755164.50	1.09011c	(96091908)
371652.69	3755165.25	1.08750c	(96091908)	371557.62	3755166.25	1.06332c	(96091908)
371462.59	3755167.00	1.04023	(96032008)	371359.16	3755167.75	1.07831	(96032008)
371255.72	3755168.75	1.08415	(96032008)	371152.25	3755169.50	1.27900c	(96051208)
371048.81	3755170.50	1.46228c	(96051208)	371024.06	3755196.50	1.51683c	(96051208)
371027.69	3755273.25	1.55244c	(96051208)	371031.34	3755350.25	1.57050c	(96051208)
371019.94	3755375.50	1.60510c	(96051208)	371017.91	3755470.00	1.61343c	(96051208)
371017.38	3755556.25	1.60700	(96032008)	371040.31	3755531.50	1.56260	(96032008)
371025.97	3755420.25	1.59276c	(96051208)	371015.62	3755399.00	1.62088c	(96051208)
370915.81	3755327.25	1.80110c	(96051208)	370816.03	3755255.25	1.78842c	(96051208)
370736.56	3755243.75	1.74015c	(96051208)	370669.19	3755237.00	1.64373c	(96051208)
370571.06	3755237.25	1.53441c	(96021108)	370475.62	3755237.75	1.60668c	(96021108)
370380.12	3755238.25	1.61814c	(96021108)	370278.66	3755239.00	1.54719c	(96021108)
370177.19	3755239.50	1.55892	(96030608)	370075.72	3755240.00	1.51877	(96030608)
369979.41	3755240.50	1.45863c	(96012608)	369883.09	3755241.00	1.68570c	(96012608)
369786.78	3755241.50	1.89872c	(96012608)	369690.47	3755242.00	2.06574c	(96012608)
369594.16	3755242.75	2.15448c	(96012608)	369497.88	3755243.25	2.14317c	(96012608)
369396.38	3755243.75	2.14136c	(96020308)	369294.91	3755244.25	2.54678c	(96020308)
369193.44	3755244.75	2.69666c	(96020308)	369091.97	3755245.25	2.58454c	(96020308)
368990.50	3755246.00	2.29280c	(96020308)	368889.03	3755246.50	1.93114c	(96020308)
368782.41	3755247.00	1.56722c	(96020308)	368675.78	3755247.50	1.33539c	(96012908)
368569.12	3755248.25	1.36409c	(96012908)	368471.00	3755248.75	1.37031c	(96012908)
368372.84	3755249.25	1.36133c	(96012908)	368274.69	3755249.75	1.34071c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.29286c	(96012908)	368053.72	3755209.25	1.24125c	(96012908)
367940.91	3755188.50	1.18899c	(96012908)	367824.03	3755184.75	1.14347c	(96012908)
367710.84	3755181.25	1.09840c	(96012908)	367597.62	3755177.50	1.05334c	(96012908)
367484.44	3755174.00	1.00922c	(96012908)	367460.69	3755189.25	1.00398c	(96012908)
367415.00	3755295.25	1.00698c	(96012908)	367369.31	3755401.25	0.99932c	(96012908)
367323.59	3755507.25	1.05713c	(96012708)	367483.66	3755199.00	1.01515c	(96012908)
367300.88	3755623.25	1.13399c	(96012708)	367114.28	3756056.25	1.15080	(96010808)
366984.53	3756357.50	1.25996	(96010808)	366852.91	3756663.00	1.18403c	(96020408)
366902.28	3756692.00	1.21240c	(96020408)	366875.53	3756760.00	1.20561c	(96020408)
366812.69	3756738.50	1.17843c	(96020408)	366677.25	3757024.50	1.03186c	(96020408)
366536.22	3757322.00	0.83976c	(96010208)	366437.28	3757530.75	0.76490c	(96010608)
366486.94	3757537.25	0.77771c	(96010608)	366623.91	3757468.00	0.82214c	(96010208)
366644.38	3757530.75	0.81763c	(96010608)	366777.06	3757519.75	0.85258c	(96010608)
366998.56	3757642.25	0.85324c	(96010608)	367174.25	3757739.50	0.78441c	(96010608)
367290.72	3757694.25	0.82584c	(96010608)	367412.66	3757694.75	0.81826c	(96010608)
367409.81	3757735.75	0.76953c	(96010608)	367517.78	3757796.25	0.72982	(96010724)
367539.25	3757802.00	0.72502	(96010724)	367609.12	3757676.75	0.82435	(96010724)
367769.06	3757644.25	0.86281	(96010724)	367774.81	3757718.50	0.79423	(96010724)
367809.47	3757834.50	0.71573	(96052708)	367807.06	3757935.50	0.69122	(96052708)
367774.94	3757958.50	0.67750	(96052708)	367798.12	3758011.00	0.67508c	(96101908)
367914.41	3757961.50	0.71882c	(96101908)	367904.53	3757930.25	0.71861c	(96101908)
368108.69	3757840.25	0.80861c	(96101908)	368232.75	3757790.25	0.87100c	(96101908)
368308.88	3757761.50	0.91224c	(96101908)	368603.38	3757765.00	1.01696c	(96101908)
368603.84	3757718.50	1.05362c	(96101908)	368769.72	3757798.50	1.16233	(96020924)
369017.16	3757954.25	1.22873	(96020924)	369080.28	3757864.00	1.35139	(96020924)
369224.00	3757952.25	1.28779	(96020924)	369408.72	3757730.00	1.69703	(96020924)
369454.22	3757776.00	1.60580	(96020924)	369264.97	3757996.50	1.23003	(96020924)
369451.62	3758128.00	1.01704	(96020924)	369459.97	3758394.25	0.73347	(96020924)
369853.09	3758394.25	1.12827c	(96020324)	369850.44	3758078.00	1.18522c	(96020324)
370298.62	3758078.25	1.44068c	(96020324)	370297.53	3757962.75	1.56074c	(96020324)
370382.34	3757966.00	1.30250c	(96020324)	370510.12	3758027.25	1.21570	(96040424)
370505.62	3758087.75	1.15925	(96040424)	370886.41	3758089.00	1.21465	(96092408)
370885.06	3757750.50	1.52837	(96092408)	370907.31	3757701.50	1.53606	(96092408)
370944.91	3757670.00	1.61162c	(96021308)	371045.81	3757667.50	1.78543c	(96021308)
371046.34	3757585.00	2.09768	(96011324)	371121.66	3757583.50	2.28741	(96011324)
371192.59	3757720.25	1.84552	(96011324)	371253.97	3757762.25	1.80154	(96011324)
371263.66	3757782.50	1.74798	(96011324)	371372.34	3757782.25	1.88018c	(96100808)
371399.44	3757806.25	1.84115c	(96100808)	371798.31	3758080.25	1.55175c	(96100808)
371908.19	3757933.50	1.88801c	(96100808)	371964.22	3757921.75	1.89017c	(96100808)
371970.19	3757841.50	1.97679c	(96100808)	372023.31	3757843.25	1.93005c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.86617	(96101124)	372002.41	3757140.25	1.72804	(96101124)
371514.12	3757136.25	3.03669	(96101124)	371034.56	3757132.50	4.82103c	(96100808)
371034.44	3757085.25	4.96614	(96101124)	370764.19	3757087.00	5.72224	(96010324)
370754.00	3756817.75	8.26013	(96101124)	371031.47	3756807.25	4.26051	(96101024)
371033.12	3756780.25	4.12623c	(96100608)	371483.09	3756770.25	2.49230c	(96100608)
371817.25	3756763.00	1.82215c	(96100608)	372274.41	3756752.75	1.27664c	(96100608)
372713.41	3756743.00	0.96182c	(96100608)	372702.62	3756552.50	0.90273c	(96100608)
372818.81	3756548.75	0.84470c	(96100608)	372814.44	3756455.00	0.79761c	(96100608)
372796.75	3756367.50	0.74897c	(96100608)	372704.81	3756371.50	0.78599c	(96100608)
372706.31	3756326.75	0.75120c	(96100608)	372927.09	3756319.25	0.67477c	(96100608)
372926.22	3756245.00	0.62658c	(96100608)	373456.81	3756235.50	0.50710c	(96100608)
373448.00	3755559.75	0.52637c	(96010208)	373222.47	3755568.75	0.59536c	(96010208)
373219.34	3755705.00	0.55270c	(96010208)	373134.66	3755704.00	0.58541c	(96010208)
373131.22	3755566.75	0.62534c	(96010208)	373054.09	3755562.75	0.65067c	(96010208)
373046.22	3755174.00	0.55124c	(96010208)	372725.47	3755177.00	0.58618c	(96091908)
372624.12	3755182.25	0.64181c	(96091908)	372237.69	3755185.50	0.88500c	(96091908)
371843.00	3755188.75	1.09381c	(96091908)	371462.81	3755192.00	1.05524c	(96091908)
371049.03	3755195.50	1.47515c	(96051208)	371056.31	3755349.00	1.50685c	(96051208)
371043.41	3755384.00	1.54281c	(96051208)	371042.38	3755556.25	1.60504	(96032008)
370995.81	3755560.25	1.66300c	(96051208)	371001.00	3755419.25	1.66533c	(96051208)
370801.41	3755275.50	1.82542c	(96051208)	370666.66	3755261.75	1.69218c	(96051208)
370380.28	3755263.25	1.66035c	(96021108)	370075.88	3755265.00	1.55714	(96030608)
369786.91	3755266.50	1.96141c	(96012608)	369498.00	3755268.25	2.17718c	(96012608)
369193.59	3755269.75	2.73745c	(96020308)	368889.16	3755271.50	1.87937c	(96020308)
368569.28	3755273.25	1.40001c	(96012908)	368274.84	3755274.75	1.36289c	(96012908)
367936.44	3755213.25	1.20033c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.53222	(96090824)	372498.53	3757611.75	0.46527	(96090824)
372248.53	3757861.75	0.44480	(96090824)	372498.53	3757861.75	0.42435	(96090824)
372248.53	3758111.75	0.34028	(96062224)	372498.53	3758111.75	0.34434	(96062224)
372248.53	3758361.75	0.27134c	(96092324)	372498.53	3758361.75	0.27433	(96062224)
373792.78	3755334.75	0.08029c	(96010224)	374092.78	3755334.75	0.06992c	(96010224)
373792.78	3755709.75	0.08270c	(96100824)	374092.78	3755709.75	0.07799c	(96100824)
373792.78	3756084.75	0.10726c	(96100824)	374092.78	3756084.75	0.09757c	(96100824)
373792.78	3756459.75	0.13525c	(96092624)	374092.78	3756459.75	0.12047c	(96092624)
373792.78	3756834.75	0.16521c	(96090324)	374092.78	3756834.75	0.14671c	(96090324)
373792.78	3757209.75	0.21511c	(96090324)	374092.78	3757209.75	0.19203c	(96090324)
373792.78	3757584.75	0.23958c	(96061624)	374092.78	3757584.75	0.20812c	(96061624)
373792.78	3757959.75	0.23834	(96090824)	374092.78	3757959.75	0.21456c	(96061624)
373792.78	3758334.75	0.23831	(96090824)	374092.78	3758334.75	0.21531	(96090824)
373792.78	3758709.75	0.20778	(96062224)	374092.78	3758709.75	0.19876	(96090824)
370479.03	3756653.75	6.62332	(96030524)	367277.91	3755613.50	0.24776c	(96012724)
367231.25	3755721.75	0.26618c	(96012724)	367184.62	3755830.00	0.27717c	(96012724)
367137.97	3755938.25	0.28062c	(96012724)	367091.34	3756046.50	0.27723c	(96012724)
367048.09	3756146.75	0.26897c	(96012724)	367004.81	3756247.25	0.25673c	(96012724)
366961.56	3756347.50	0.24147c	(96012724)	366917.69	3756449.50	0.24820	(96010824)
366873.81	3756551.25	0.25155	(96010824)	366829.94	3756653.00	0.25095	(96010824)
366840.22	3756684.50	0.25198	(96010824)	366889.59	3756713.50	0.25588	(96010824)
366879.00	3756682.75	0.25500	(96010824)	366852.25	3756751.00	0.25266	(96010824)
366883.62	3756736.50	0.25528	(96010824)	366820.78	3756715.00	0.25047	(96010824)
366790.12	3756728.00	0.24806	(96010824)	366744.97	3756823.25	0.24321	(96010824)
366699.81	3756918.50	0.23714	(96010824)	366654.66	3757013.75	0.23025	(96010824)
366607.66	3757113.00	0.22238	(96010824)	366560.62	3757212.00	0.21388	(96010824)
366513.62	3757311.25	0.20470	(96010824)	366464.16	3757415.75	0.19433	(96010824)
366414.69	3757520.00	0.18330	(96010824)	366434.03	3757555.50	0.18058	(96010824)
366483.69	3757562.00	0.18151	(96010824)	366566.69	3757525.00	0.18809	(96010824)
366620.62	3757538.50	0.18842	(96010824)	366646.41	3757555.50	0.18728	(96010824)
366712.75	3757550.25	0.18993	(96010824)	366779.09	3757544.75	0.19263	(96010824)
366838.81	3757582.50	0.18913	(96010824)	366912.62	3757623.25	0.18518c	(96020824)
366986.47	3757664.25	0.18574c	(96020824)	367074.31	3757712.75	0.18520c	(96020824)
367162.16	3757761.25	0.18310c	(96020824)	367299.75	3757717.75	0.19318c	(96020824)
367384.88	3757734.00	0.19348c	(96020824)	367397.59	3757757.50	0.19020c	(96020824)
367505.56	3757818.00	0.19162	(96020924)	367532.81	3757826.00	0.19509	(96020924)
367561.06	3757814.00	0.19806	(96020924)	367596.03	3757751.50	0.20007	(96020924)
367630.97	3757689.00	0.20709c	(96020824)	367694.09	3757685.00	0.21017	(96020924)
367749.88	3757720.50	0.21944	(96020924)	367785.50	3757841.75	0.22737	(96020924)
367782.09	3757935.00	0.22723	(96020924)	367752.06	3757968.50	0.22339	(96020924)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.22526	(96020924)	367807.91	3758034.00	0.22851	(96020924)
367866.06	3758009.25	0.23570	(96020924)	367924.19	3757984.50	0.24323	(96020924)
367938.25	3757954.00	0.24601	(96020924)	367928.38	3757922.75	0.24571	(96020924)
367914.62	3757953.25	0.24315	(96020924)	368016.69	3757908.25	0.25757	(96020924)
368118.78	3757863.25	0.27335	(96020924)	368180.06	3757838.50	0.28342	(96020924)
368242.09	3757813.50	0.29417	(96020924)	368317.75	3757784.75	0.30798	(96020924)
368406.72	3757787.75	0.32142	(96020924)	368504.88	3757788.75	0.33563	(96020924)
368603.06	3757790.00	0.34845	(96020924)	368628.38	3757765.25	0.35655	(96020924)
368675.91	3757781.00	0.35879	(96020924)	368758.84	3757821.00	0.35624	(96020924)
368838.88	3757871.50	0.34574	(96020924)	368921.38	3757923.50	0.33090	(96020924)
369003.84	3757975.50	0.31374	(96020924)	369037.66	3757968.75	0.31504	(96020924)
369100.78	3757878.25	0.34385	(96020924)	369067.19	3757885.25	0.34212	(96020924)
369139.03	3757929.50	0.32470	(96020924)	369210.91	3757973.75	0.30680	(96020924)
369243.25	3757968.25	0.30675	(96020924)	369304.81	3757894.25	0.32850	(96020924)
369366.38	3757820.00	0.35302	(96020924)	369436.44	3757793.50	0.35729	(96020924)
369435.25	3757759.75	0.37308	(96020924)	369250.56	3758016.75	0.29092	(96020924)
369343.91	3758082.50	0.26379	(96020924)	369437.25	3758148.25	0.23424	(96020924)
369429.41	3758217.50	0.21782	(96020924)	369432.19	3758306.25	0.19723	(96020924)
369434.97	3758395.00	0.17890	(96020924)	369459.97	3758419.25	0.17095	(96020924)
369558.25	3758419.25	0.15634	(96020924)	369656.53	3758419.25	0.14051	(96020924)
369754.81	3758419.25	0.12451	(96020924)	369853.09	3758419.25	0.12638	(96062424)
369878.09	3758394.00	0.13356	(96062424)	369877.19	3758288.75	0.14041	(96062424)
369876.31	3758183.25	0.14732	(96062424)	369962.47	3758103.00	0.18273	(96062424)
370074.53	3758103.00	0.21849	(96062424)	370186.59	3758103.00	0.24374	(96062424)
370298.62	3758103.25	0.25278	(96062424)	370323.62	3758078.00	0.25856	(96062424)
370381.38	3757991.00	0.27590	(96062424)	370435.41	3758019.25	0.25900	(96062424)
370499.31	3758049.75	0.23756	(96062424)	370485.19	3758025.25	0.24599	(96062424)
370480.69	3758086.00	0.23504	(96062424)	370505.53	3758112.75	0.22456	(96062424)
370600.72	3758113.25	0.20307c	(96040524)	370695.94	3758113.50	0.19840	(96021924)
370791.12	3758113.75	0.20587	(96021924)	370886.34	3758114.00	0.20993	(96021924)
370911.41	3758089.00	0.21578	(96021924)	370910.97	3757976.00	0.24490c	(96021724)
370910.53	3757863.25	0.29815	(96040924)	370910.06	3757750.50	0.36774	(96040924)
370930.06	3757711.75	0.40033	(96040924)	370960.91	3757689.25	0.42247	(96040924)
371046.47	3757692.50	0.42554	(96040924)	371070.81	3757667.50	0.43972	(96040924)
371071.34	3757585.25	0.49706c	(96092324)	371046.88	3757610.00	0.47887	(96040924)
371122.22	3757608.50	0.50565c	(96092324)	371099.47	3757595.00	0.50647c	(96092324)
371134.94	3757663.25	0.44777c	(96092324)	371170.41	3757731.75	0.40212c	(96021824)
371239.88	3757782.75	0.38965c	(96092324)	371263.72	3757807.50	0.38011c	(96092324)
371372.38	3757807.25	0.42707c	(96092324)	371385.28	3757826.75	0.41575c	(96092324)
371485.00	3757895.25	0.39510c	(96092324)	371584.72	3757963.75	0.37422c	(96092324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.35378c	(96092324)	371784.16	3758100.75	0.33418c	(96092324)
371818.31	3758095.25	0.33995c	(96092324)	371873.25	3758021.75	0.37315c	(96092324)
371928.19	3757948.50	0.39938c	(96092324)	371969.34	3757946.25	0.39703c	(96092324)
371989.16	3757923.75	0.40217c	(96092324)	371995.12	3757843.25	0.44928	(96090824)
371969.38	3757866.50	0.43133	(96090824)	372022.50	3757868.25	0.43601	(96090824)
372048.31	3757843.00	0.45330	(96090824)	372047.16	3757745.75	0.51017	(96090824)
372046.03	3757648.50	0.56179	(96090824)	372044.88	3757551.25	0.60337	(96090824)
372040.50	3757447.75	0.63218	(96090824)	372036.12	3757345.00	0.63924	(96090824)
372031.75	3757242.00	0.63790c	(96061624)	372027.38	3757139.25	0.64742c	(96061624)
372002.59	3757115.25	0.65801c	(96061624)	371880.53	3757114.25	0.72809c	(96061624)
371758.47	3757113.25	0.80398c	(96061624)	371636.38	3757112.25	0.88328c	(96061624)
371514.31	3757111.25	0.99965	(96090824)	371394.41	3757110.25	1.13773	(96090824)
371274.53	3757109.50	1.27863	(96090824)	371154.62	3757108.50	1.40245	(96090824)
371034.75	3757107.50	1.47123	(96090824)	371059.56	3757132.50	1.38998	(96090824)
371059.44	3757085.25	1.52621	(96090824)	371034.31	3757060.25	1.61082	(96090824)
370944.22	3757060.75	1.65060	(96090824)	370854.12	3757061.25	1.74131	(96051524)
370764.03	3757062.00	1.74071	(96051524)	370789.16	3757086.00	1.62230	(96051524)
370785.78	3756996.25	2.12038	(96051524)	370782.38	3756906.50	2.48098	(96051524)
370778.97	3756816.75	2.82528c	(96060324)	370754.94	3756842.75	2.80355c	(96060324)
370847.44	3756839.25	2.42656c	(96060324)	370939.91	3756835.75	2.04078c	(96060324)
371032.41	3756832.25	1.71640c	(96061624)	371056.41	3756808.75	1.62664c	(96061624)
371058.09	3756781.75	1.56168c	(96061624)	371033.69	3756805.25	1.67790c	(96061624)
371146.19	3756802.75	1.40612c	(96061624)	371258.66	3756800.25	1.18242c	(96061624)
371371.16	3756797.75	1.00138c	(96061624)	371483.62	3756795.25	0.85523c	(96061624)
371595.03	3756793.00	0.73812c	(96061624)	371706.41	3756790.50	0.64200c	(96061624)
371817.78	3756788.00	0.56274c	(96061624)	371932.09	3756785.50	0.49530c	(96061624)
372046.38	3756783.00	0.44272c	(96092624)	372160.66	3756780.25	0.40223c	(96092624)
372274.97	3756777.75	0.36743c	(96092624)	372384.72	3756775.50	0.33840c	(96092624)
372494.47	3756773.00	0.31287c	(96092624)	372604.22	3756770.50	0.29031c	(96092624)
372713.97	3756768.00	0.27028c	(96092624)	372738.38	3756741.75	0.26332c	(96092624)
372732.97	3756646.50	0.25172c	(96092624)	372819.62	3756573.75	0.22866c	(96092624)
372843.78	3756547.75	0.22160c	(96092624)	372839.41	3756453.75	0.20619c	(96092624)
372821.25	3756362.50	0.19058c	(96092624)	372795.62	3756342.50	0.18867c	(96092624)
372731.31	3756327.75	0.19078c	(96092624)	372707.19	3756351.75	0.19827c	(96092624)
372927.97	3756344.00	0.17842c	(96092624)	372952.09	3756318.75	0.17210c	(96092624)
372951.22	3756244.75	0.16128c	(96100824)	372926.66	3756270.00	0.16601c	(96100824)
373032.78	3756268.00	0.15856c	(96100824)	373138.88	3756266.25	0.15162c	(96100824)
373245.00	3756264.25	0.14539c	(96092624)	373351.12	3756262.25	0.13957c	(96092624)
373457.25	3756260.50	0.13410c	(96092624)	373481.81	3756235.00	0.13010c	(96100824)
373480.34	3756122.50	0.12167c	(96100824)	373478.88	3756009.75	0.11268c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.10332c	(96100824)	373475.94	3755784.50	0.09367c	(96100824)
373474.47	3755672.00	0.08394c	(96100824)	373473.00	3755559.25	0.08171c	(96010224)
373447.00	3755534.75	0.08435c	(96010224)	373334.22	3755539.25	0.08904c	(96010224)
373221.47	3755543.75	0.09374c	(96010224)	373197.47	3755568.25	0.09361c	(96010224)
373195.91	3755636.25	0.08962c	(96010224)	373194.34	3755704.50	0.08963c	(96100824)
373219.59	3755680.00	0.08686c	(96100824)	373134.91	3755679.00	0.08966c	(96010224)
373159.66	3755703.50	0.08977c	(96100824)	373157.94	3755634.75	0.09159c	(96010224)
373156.22	3755566.00	0.09556c	(96010224)	373132.47	3755541.75	0.09760c	(96010224)
373055.34	3755537.75	0.10083c	(96010224)	373079.06	3755562.25	0.09907c	(96010224)
373077.12	3755465.00	0.10118c	(96010224)	373075.16	3755368.00	0.09996c	(96010224)
373073.19	3755270.75	0.09573c	(96010224)	373071.22	3755173.50	0.08921c	(96010224)
373046.00	3755149.00	0.08848	(96051724)	372939.09	3755150.00	0.09374c	(96092724)
372832.16	3755151.00	0.09949c	(96092724)	372725.25	3755152.00	0.10529c	(96092724)
372622.81	3755157.25	0.11088c	(96092724)	372527.31	3755158.00	0.11775c	(96091924)
372430.69	3755159.00	0.12735c	(96091924)	372334.09	3755159.75	0.13706c	(96091924)
372237.47	3755160.50	0.14653c	(96091924)	372138.81	3755161.25	0.15543c	(96091924)
372040.12	3755162.25	0.16296c	(96091924)	371941.47	3755163.00	0.16838c	(96091924)
371842.78	3755163.75	0.19095c	(96012224)	371747.72	3755164.50	0.21522c	(96012224)
371652.69	3755165.25	0.24118c	(96012224)	371557.62	3755166.25	0.26805c	(96012224)
371462.59	3755167.00	0.29470c	(96012224)	371359.16	3755167.75	0.32182c	(96012224)
371255.72	3755168.75	0.34508c	(96012224)	371152.25	3755169.50	0.36246c	(96012224)
371048.81	3755170.50	0.37163c	(96012224)	371024.06	3755196.50	0.38088c	(96012224)
371027.69	3755273.25	0.40617c	(96012224)	371031.34	3755350.25	0.43140c	(96012224)
371019.94	3755375.50	0.44195c	(96012224)	371017.91	3755470.00	0.47401c	(96012224)
371017.38	3755556.25	0.50037c	(96012224)	371040.31	3755531.50	0.48368c	(96012224)
371025.97	3755420.25	0.45560c	(96012224)	371015.62	3755399.00	0.45085c	(96012224)
370915.81	3755327.25	0.43334c	(96012224)	370816.03	3755255.25	0.39273c	(96012224)
370736.56	3755243.75	0.36972c	(96012224)	370669.19	3755237.00	0.34447c	(96012224)
370571.06	3755237.25	0.35118c	(96102024)	370475.62	3755237.75	0.40947c	(96102024)
370380.12	3755238.25	0.45812c	(96102024)	370278.66	3755239.00	0.49209c	(96102024)
370177.19	3755239.50	0.50190c	(96102024)	370075.72	3755240.00	0.48579c	(96102024)
369979.41	3755240.50	0.44936c	(96102024)	369883.09	3755241.00	0.39875c	(96102024)
369786.78	3755241.50	0.34198c	(96102024)	369690.47	3755242.00	0.28638c	(96102024)
369594.16	3755242.75	0.27354c	(96021224)	369497.88	3755243.25	0.27862c	(96021224)
369396.38	3755243.75	0.27850c	(96021224)	369294.91	3755244.25	0.27445c	(96021224)
369193.44	3755244.75	0.26796c	(96021224)	369091.97	3755245.25	0.26016c	(96021224)
368990.50	3755246.00	0.25191c	(96021224)	368889.03	3755246.50	0.24360c	(96021224)
368782.41	3755247.00	0.23519c	(96021224)	368675.78	3755247.50	0.22727c	(96021224)
368569.12	3755248.25	0.22436	(96041124)	368471.00	3755248.75	0.22349	(96041124)
368372.84	3755249.25	0.22027	(96041124)	368274.69	3755249.75	0.21747c	(96011824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.21360c	(96011824)	368053.72	3755209.25	0.20848c	(96011824)
367940.91	3755188.50	0.20248c	(96011824)	367824.03	3755184.75	0.19746c	(96011824)
367710.84	3755181.25	0.19151c	(96011824)	367597.62	3755177.50	0.18474c	(96011824)
367484.44	3755174.00	0.17745c	(96011824)	367460.69	3755189.25	0.17826c	(96011224)
367415.00	3755295.25	0.18950c	(96011224)	367369.31	3755401.25	0.19730c	(96011224)
367323.59	3755507.25	0.22362c	(96012724)	367483.66	3755199.00	0.17990c	(96011224)
367300.88	3755623.25	0.25010c	(96012724)	367114.28	3756056.25	0.27927c	(96012724)
366984.53	3756357.50	0.24257	(96010824)	366852.91	3756663.00	0.25282	(96010824)
366902.28	3756692.00	0.25689	(96010824)	366875.53	3756760.00	0.25440	(96010824)
366812.69	3756738.50	0.24970	(96010824)	366677.25	3757024.50	0.23130	(96010824)
366536.22	3757322.00	0.20506	(96010824)	366437.28	3757530.75	0.18307	(96010824)
366486.94	3757537.25	0.18413	(96010824)	366623.91	3757468.00	0.19612	(96010824)
366644.38	3757530.75	0.19007	(96010824)	366777.06	3757519.75	0.19577	(96010824)
366998.56	3757642.25	0.18819c	(96020824)	367174.25	3757739.50	0.18610c	(96020824)
367290.72	3757694.25	0.19597c	(96020824)	367412.66	3757694.75	0.20023c	(96020824)
367409.81	3757735.75	0.19388c	(96020824)	367517.78	3757796.25	0.19226	(96020924)
367539.25	3757802.00	0.19502	(96020924)	367609.12	3757676.75	0.20893c	(96020824)
367769.06	3757644.25	0.21897	(96020924)	367774.81	3757718.50	0.22292	(96020924)
367809.47	3757834.50	0.23052	(96020924)	367807.06	3757935.50	0.23029	(96020924)
367774.94	3757958.50	0.22618	(96020924)	367798.12	3758011.00	0.22802	(96020924)
367914.41	3757961.50	0.24287	(96020924)	367904.53	3757930.25	0.24251	(96020924)
368108.69	3757840.25	0.27295	(96020924)	368232.75	3757790.25	0.29419	(96020924)
368308.88	3757761.50	0.30832	(96020924)	368603.38	3757765.00	0.35336	(96020924)
368603.84	3757718.50	0.36184	(96020924)	368769.72	3757798.50	0.36320	(96020924)
369017.16	3757954.25	0.32009	(96020924)	369080.28	3757864.00	0.34948	(96020924)
369224.00	3757952.25	0.31316	(96020924)	369408.72	3757730.00	0.39046	(96020924)
369454.22	3757776.00	0.36307	(96020924)	369264.97	3757996.50	0.29626	(96020924)
369451.62	3758128.00	0.23759	(96020924)	369459.97	3758394.25	0.17559	(96020924)
369853.09	3758394.25	0.12784	(96062424)	369850.44	3758078.00	0.16141	(96020924)
370298.62	3758078.25	0.25897	(96062424)	370297.53	3757962.75	0.29086	(96062424)
370382.34	3757966.00	0.28254	(96062424)	370510.12	3758027.25	0.23896	(96062424)
370505.62	3758087.75	0.22898	(96062424)	370886.41	3758089.00	0.21537	(96021924)
370885.06	3757750.50	0.36033	(96040924)	370907.31	3757701.50	0.40253	(96040924)
370944.91	3757670.00	0.43456	(96040924)	371045.81	3757667.50	0.44148	(96040924)
371046.34	3757585.00	0.49546	(96040924)	371121.66	3757583.50	0.53825c	(96092324)
371192.59	3757720.25	0.42318c	(96092324)	371253.97	3757762.25	0.41601c	(96092324)
371263.66	3757782.50	0.40224c	(96092324)	371372.34	3757782.25	0.44798c	(96092324)
371399.44	3757806.25	0.43687c	(96092324)	371798.31	3758080.25	0.34463c	(96092324)
371908.19	3757933.50	0.40608c	(96092324)	371964.22	3757921.75	0.40541c	(96092324)
371970.19	3757841.50	0.44796	(96090824)	372023.31	3757843.25	0.45156	(96090824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXISTRBN ***
INCLUDING SOURCE(S): TESTACK1,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.60995	(96090824)	372002.41	3757140.25	0.66055c	(96061624)
371514.12	3757136.25	1.00497	(96090824)	371034.56	3757132.50	1.38872	(96090824)
371034.44	3757085.25	1.54029	(96090824)	370764.19	3757087.00	1.58998	(96051524)
370754.00	3756817.75	2.95235c	(96060324)	371031.47	3756807.25	1.68719c	(96061624)
371033.12	3756780.25	1.62263c	(96061624)	371483.09	3756770.25	0.81114c	(96061624)
371817.25	3756763.00	0.53943c	(96092624)	372274.41	3756752.75	0.36329c	(96092624)
372713.41	3756743.00	0.26759c	(96092624)	372702.62	3756552.50	0.24053c	(96092624)
372818.81	3756548.75	0.22479c	(96092624)	372814.44	3756455.00	0.20902c	(96092624)
372796.75	3756367.50	0.19372c	(96092624)	372704.81	3756371.50	0.20295c	(96092624)
372706.31	3756326.75	0.19262c	(96092624)	372927.09	3756319.25	0.17399c	(96092624)
372926.22	3756245.00	0.16297c	(96100824)	373456.81	3756235.50	0.13137c	(96100824)
373448.00	3755559.75	0.08279c	(96010224)	373222.47	3755568.75	0.09245c	(96010224)
373219.34	3755705.00	0.08949c	(96100824)	373134.66	3755704.00	0.08999c	(96100824)
373131.22	3755566.75	0.09663c	(96010224)	373054.09	3755562.75	0.10011c	(96010224)
373046.22	3755174.00	0.08942	(96051724)	372725.47	3755177.00	0.10548c	(96092724)
372624.12	3755182.25	0.11126c	(96092724)	372237.69	3755185.50	0.14551c	(96091924)
371843.00	3755188.75	0.18881c	(96012224)	371462.81	3755192.00	0.29549c	(96012224)
371049.03	3755195.50	0.37939c	(96012224)	371056.31	3755349.00	0.42638c	(96012224)
371043.41	3755384.00	0.43990c	(96012224)	371042.38	3755556.25	0.48883c	(96012224)
370995.81	3755560.25	0.51104c	(96012224)	371001.00	3755419.25	0.46110c	(96012224)
370801.41	3755275.50	0.39970c	(96012224)	370666.66	3755261.75	0.35508c	(96012224)
370380.28	3755263.25	0.47034c	(96102024)	370075.88	3755265.00	0.49893c	(96102024)
369786.91	3755266.50	0.34686c	(96102024)	369498.00	3755268.25	0.28667c	(96021224)
369193.59	3755269.75	0.27406c	(96021224)	368889.16	3755271.50	0.24852c	(96021224)
368569.28	3755273.25	0.22867	(96041124)	368274.84	3755274.75	0.22259c	(96011824)
367936.44	3755213.25	0.20535c	(96011824)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.75836c	(96090424)	372498.53	3757611.75	0.65647c	(96090424)
372248.53	3757861.75	0.64740c	(96090424)	372498.53	3757861.75	0.60435c	(96090424)
372248.53	3758111.75	0.53505c	(96100824)	372498.53	3758111.75	0.50315c	(96090424)
372248.53	3758361.75	0.48994c	(96011324)	372498.53	3758361.75	0.44943c	(96011324)
373792.78	3755334.75	0.17514c	(96010224)	374092.78	3755334.75	0.15231c	(96010224)
373792.78	3755709.75	0.14178c	(96010224)	374092.78	3755709.75	0.11658c	(96010224)
373792.78	3756084.75	0.14193c	(96100624)	374092.78	3756084.75	0.12999c	(96100624)
373792.78	3756459.75	0.19333c	(96100624)	374092.78	3756459.75	0.17175c	(96100624)
373792.78	3756834.75	0.25487c	(96090324)	374092.78	3756834.75	0.22153c	(96090324)
373792.78	3757209.75	0.31206c	(96090324)	374092.78	3757209.75	0.27357c	(96090324)
373792.78	3757584.75	0.30195c	(96090324)	374092.78	3757584.75	0.27368c	(96090324)
373792.78	3757959.75	0.32769c	(96090424)	374092.78	3757959.75	0.28324c	(96090424)
373792.78	3758334.75	0.32749c	(96090424)	374092.78	3758334.75	0.29321c	(96090424)
373792.78	3758709.75	0.29352c	(96090424)	374092.78	3758709.75	0.27639c	(96090424)
370479.03	3756653.75	12.49203c	(96061624)	367277.91	3755613.50	0.45334c	(96012724)
367231.25	3755721.75	0.47205c	(96012724)	367184.62	3755830.00	0.47860c	(96012724)
367137.97	3755938.25	0.47355c	(96012724)	367091.34	3756046.50	0.45853c	(96012724)
367048.09	3756146.75	0.48913	(96010824)	367004.81	3756247.25	0.51527	(96010824)
366961.56	3756347.50	0.52903	(96010824)	366917.69	3756449.50	0.53084	(96010824)
366873.81	3756551.25	0.52174	(96010824)	366829.94	3756653.00	0.50389	(96010824)
366840.22	3756684.50	0.50184	(96010824)	366889.59	3756713.50	0.50767	(96010824)
366879.00	3756682.75	0.51020	(96010824)	366852.25	3756751.00	0.49342	(96010824)
366883.62	3756736.50	0.50246	(96010824)	366820.78	3756715.00	0.49326	(96010824)
366790.12	3756728.00	0.48507	(96010824)	366744.97	3756823.25	0.45896	(96010824)
366699.81	3756918.50	0.43078	(96010824)	366654.66	3757013.75	0.40198	(96010824)
366607.66	3757113.00	0.37244	(96010824)	366560.62	3757212.00	0.34419	(96010824)
366513.62	3757311.25	0.31754	(96010824)	366464.16	3757415.75	0.29144	(96010824)
366414.69	3757520.00	0.26736	(96010824)	366434.03	3757555.50	0.26180	(96010824)
366483.69	3757562.00	0.26358	(96010824)	366566.69	3757525.00	0.27637	(96010824)
366620.62	3757538.50	0.27710	(96010824)	366646.41	3757555.50	0.27514c	(96010624)
366712.75	3757550.25	0.28074c	(96010624)	366779.09	3757544.75	0.28643c	(96010624)
366838.81	3757582.50	0.28788c	(96010624)	366912.62	3757623.25	0.28707c	(96010624)
366986.47	3757664.25	0.29201c	(96010724)	367074.31	3757712.75	0.29561c	(96010724)
367162.16	3757761.25	0.29466c	(96010724)	367299.75	3757717.75	0.31035c	(96010724)
367384.88	3757734.00	0.31131c	(96010724)	367397.59	3757757.50	0.30608c	(96010724)
367505.56	3757818.00	0.29004c	(96010724)	367532.81	3757826.00	0.28714c	(96010724)
367561.06	3757814.00	0.29087c	(96010724)	367596.03	3757751.50	0.31192c	(96010724)
367630.97	3757689.00	0.33271c	(96010724)	367694.09	3757685.00	0.33560c	(96010724)
367749.88	3757720.50	0.32304c	(96010724)	367785.50	3757841.75	0.30670	(96020924)
367782.09	3757935.00	0.30973	(96020924)	367752.06	3757968.50	0.30435	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.30956	(96020924)	367807.91	3758034.00	0.31591	(96020924)
367866.06	3758009.25	0.32781	(96020924)	367924.19	3757984.50	0.34040	(96020924)
367938.25	3757954.00	0.34390	(96020924)	367928.38	3757922.75	0.34174	(96020924)
367914.62	3757953.25	0.33863	(96020924)	368016.69	3757908.25	0.36273	(96020924)
368118.78	3757863.25	0.38960	(96020924)	368180.06	3757838.50	0.40718	(96020924)
368242.09	3757813.50	0.42622	(96020924)	368317.75	3757784.75	0.45122	(96020924)
368406.72	3757787.75	0.48018	(96020924)	368504.88	3757788.75	0.51286	(96020924)
368603.06	3757790.00	0.54540	(96020924)	368628.38	3757765.25	0.55999	(96020924)
368675.91	3757781.00	0.57187	(96020924)	368758.84	3757821.00	0.58279	(96020924)
368838.88	3757871.50	0.57823	(96020924)	368921.38	3757923.50	0.56172	(96020924)
369003.84	3757975.50	0.53460	(96020924)	369037.66	3757968.75	0.53872	(96020924)
369100.78	3757878.25	0.60092	(96020924)	369067.19	3757885.25	0.59525	(96020924)
369139.03	3757929.50	0.56219	(96020924)	369210.91	3757973.75	0.52347	(96020924)
369243.25	3757968.25	0.52313	(96020924)	369304.81	3757894.25	0.57179	(96020924)
369366.38	3757820.00	0.62821	(96020924)	369436.44	3757793.50	0.63941	(96020924)
369435.25	3757759.75	0.67632	(96020924)	369250.56	3758016.75	0.48781	(96020924)
369343.91	3758082.50	0.42855	(96020924)	369437.25	3758148.25	0.37145	(96020924)
369429.41	3758217.50	0.33920	(96020924)	369432.19	3758306.25	0.30099	(96020924)
369434.97	3758395.00	0.26836	(96020924)	369459.97	3758419.25	0.25600	(96020924)
369558.25	3758419.25	0.27475c	(96020324)	369656.53	3758419.25	0.32381c	(96020324)
369754.81	3758419.25	0.37612c	(96020324)	369853.09	3758419.25	0.42433c	(96020324)
369878.09	3758394.00	0.44013c	(96020324)	369877.19	3758288.75	0.46222c	(96020324)
369876.31	3758183.25	0.48513c	(96020324)	369962.47	3758103.00	0.55426c	(96020324)
370074.53	3758103.00	0.58577c	(96020324)	370186.59	3758103.00	0.56449c	(96020324)
370298.62	3758103.25	0.56922c	(96010924)	370323.62	3758078.00	0.57937c	(96010924)
370381.38	3757991.00	0.60407c	(96010924)	370435.41	3758019.25	0.57191c	(96010924)
370499.31	3758049.75	0.52563c	(96010924)	370485.19	3758025.25	0.54117c	(96010924)
370480.69	3758086.00	0.52793c	(96010924)	370505.53	3758112.75	0.50662c	(96010924)
370600.72	3758113.25	0.43858c	(96010924)	370695.94	3758113.50	0.44458	(96092424)
370791.12	3758113.75	0.46233	(96092424)	370886.34	3758114.00	0.46550	(96092424)
370911.41	3758089.00	0.47458	(96092424)	370910.97	3757976.00	0.52527	(96092424)
370910.53	3757863.25	0.58230	(96092424)	370910.06	3757750.50	0.67376c	(96050324)
370930.06	3757711.75	0.74234c	(96050324)	370960.91	3757689.25	0.79636c	(96050324)
371046.47	3757692.50	0.83416c	(96050324)	371070.81	3757667.50	0.88097c	(96050324)
371071.34	3757585.25	1.01800c	(96050324)	371046.88	3757610.00	0.96817c	(96050324)
371122.22	3757608.50	0.98580c	(96050324)	371099.47	3757595.00	1.00558c	(96050324)
371134.94	3757663.25	0.90264c	(96050324)	371170.41	3757731.75	0.81422c	(96050324)
371239.88	3757782.75	0.76295c	(96050324)	371263.72	3757807.50	0.74237c	(96021324)
371372.38	3757807.25	0.79623c	(96011324)	371385.28	3757826.75	0.77690c	(96011324)
371485.00	3757895.25	0.73385c	(96011324)	371584.72	3757963.75	0.69218c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.65254c	(96011324)	371784.16	3758100.75	0.61526c	(96011324)
371818.31	3758095.25	0.62028c	(96011324)	371873.25	3758021.75	0.65364c	(96011324)
371928.19	3757948.50	0.66301c	(96011324)	371969.34	3757946.25	0.64814c	(96011324)
371989.16	3757923.75	0.64542c	(96100824)	371995.12	3757843.25	0.68681c	(96100824)
371969.38	3757866.50	0.67939c	(96100824)	372022.50	3757868.25	0.66949c	(96100824)
372048.31	3757843.00	0.67518c	(96100824)	372047.16	3757745.75	0.74832c	(96090424)
372046.03	3757648.50	0.81477c	(96090424)	372044.88	3757551.25	0.86847c	(96090424)
372040.50	3757447.75	0.90790c	(96090424)	372036.12	3757345.00	0.92295c	(96090424)
372031.75	3757242.00	0.91040c	(96090424)	372027.38	3757139.25	0.86930c	(96090424)
372002.59	3757115.25	0.87719c	(96090424)	371880.53	3757114.25	0.99839c	(96090424)
371758.47	3757113.25	1.14143c	(96090424)	371636.38	3757112.25	1.30952c	(96090424)
371514.31	3757111.25	1.50465c	(96090424)	371394.41	3757110.25	1.72169c	(96090424)
371274.53	3757109.50	1.95609c	(96090424)	371154.62	3757108.50	2.18503c	(96090424)
371034.75	3757107.50	2.36359	(96101124)	371059.56	3757132.50	2.22973	(96101124)
371059.44	3757085.25	2.42240c	(96090424)	371034.31	3757060.25	2.56563c	(96090424)
370944.22	3757060.75	2.74728	(96062224)	370854.12	3757061.25	2.96328	(96062224)
370764.03	3757062.00	3.04580c	(96050324)	370789.16	3757086.00	2.83955c	(96050324)
370785.78	3756996.25	3.69098	(96062224)	370782.38	3756906.50	4.56533	(96090824)
370778.97	3756816.75	4.86537c	(96061624)	370754.94	3756842.75	5.18094	(96090824)
370847.44	3756839.25	4.04215c	(96061624)	370939.91	3756835.75	3.28921c	(96090324)
371032.41	3756832.25	2.83486c	(96090324)	371056.41	3756808.75	2.74191c	(96090324)
371058.09	3756781.75	2.71534c	(96090324)	371033.69	3756805.25	2.85230c	(96090324)
371146.19	3756802.75	2.35641c	(96090324)	371258.66	3756800.25	1.97191c	(96090324)
371371.16	3756797.75	1.67096c	(96090324)	371483.62	3756795.25	1.43294c	(96090324)
371595.03	3756793.00	1.24442c	(96090324)	371706.41	3756790.50	1.09123c	(96090324)
371817.78	3756788.00	0.96478c	(96090324)	371932.09	3756785.50	0.85680c	(96090324)
372046.38	3756783.00	0.76622c	(96090324)	372160.66	3756780.25	0.68927c	(96090324)
372274.97	3756777.75	0.62369c	(96090324)	372384.72	3756775.50	0.56941c	(96090324)
372494.47	3756773.00	0.52191c	(96090324)	372604.22	3756770.50	0.48024c	(96090324)
372713.97	3756768.00	0.44346c	(96090324)	372738.38	3756741.75	0.42293c	(96090324)
372732.97	3756646.50	0.37778c	(96100624)	372819.62	3756573.75	0.33765c	(96100624)
372843.78	3756547.75	0.32558c	(96100624)	372839.41	3756453.75	0.29873c	(96100624)
372821.25	3756362.50	0.27368c	(96100624)	372795.62	3756342.50	0.27078c	(96100624)
372731.31	3756327.75	0.27424c	(96100624)	372707.19	3756351.75	0.28560c	(96100624)
372927.97	3756344.00	0.25505c	(96100624)	372952.09	3756318.75	0.24539c	(96100624)
372951.22	3756244.75	0.22543c	(96100624)	372926.66	3756270.00	0.23465c	(96100624)
373032.78	3756268.00	0.22403c	(96100624)	373138.88	3756266.25	0.21416c	(96100624)
373245.00	3756264.25	0.20487c	(96100624)	373351.12	3756262.25	0.19617c	(96100624)
373457.25	3756260.50	0.18807c	(96100624)	373481.81	3756235.00	0.18189c	(96100624)
373480.34	3756122.50	0.16241c	(96100624)	373478.88	3756009.75	0.14834c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.14520c	(96010224)	373475.94	3755784.50	0.16380c	(96010224)
373474.47	3755672.00	0.17988c	(96010224)	373473.00	3755559.25	0.19192c	(96010224)
373447.00	3755534.75	0.19658c	(96010224)	373334.22	3755539.25	0.20843c	(96010224)
373221.47	3755543.75	0.22065c	(96010224)	373197.47	3755568.25	0.22227c	(96010224)
373195.91	3755636.25	0.21775c	(96010224)	373194.34	3755704.50	0.21073c	(96010224)
373219.59	3755680.00	0.21026c	(96010224)	373134.91	3755679.00	0.22168c	(96010224)
373159.66	3755703.50	0.21557c	(96010224)	373157.94	3755634.75	0.22273c	(96010224)
373156.22	3755566.00	0.22716c	(96010224)	373132.47	3755541.75	0.23062c	(96010224)
373055.34	3755537.75	0.23914c	(96010224)	373079.06	3755562.25	0.23622c	(96010224)
373077.12	3755465.00	0.23546c	(96010224)	373075.16	3755368.00	0.22888c	(96010224)
373073.19	3755270.75	0.21729c	(96010224)	373071.22	3755173.50	0.20185c	(96010224)
373046.00	3755149.00	0.19742c	(96010224)	372939.09	3755150.00	0.19640c	(96010224)
372832.16	3755151.00	0.19388c	(96010224)	372725.25	3755152.00	0.18976c	(96010224)
372622.81	3755157.25	0.18544c	(96010224)	372527.31	3755158.00	0.19814c	(96091924)
372430.69	3755159.00	0.21453c	(96091924)	372334.09	3755159.75	0.23130c	(96091924)
372237.47	3755160.50	0.24803c	(96091924)	372138.81	3755161.25	0.26451c	(96091924)
372040.12	3755162.25	0.27966c	(96091924)	371941.47	3755163.00	0.29254c	(96091924)
371842.78	3755163.75	0.30214c	(96091924)	371747.72	3755164.50	0.30723c	(96091924)
371652.69	3755165.25	0.32455c	(96012224)	371557.62	3755166.25	0.35720c	(96012224)
371462.59	3755167.00	0.38899c	(96012224)	371359.16	3755167.75	0.42058c	(96012224)
371255.72	3755168.75	0.44647c	(96012224)	371152.25	3755169.50	0.46361c	(96012224)
371048.81	3755170.50	0.46949c	(96012224)	371024.06	3755196.50	0.48279c	(96012224)
371027.69	3755273.25	0.52602c	(96012224)	371031.34	3755350.25	0.57178c	(96012224)
371019.94	3755375.50	0.58930c	(96012224)	371017.91	3755470.00	0.65175c	(96012224)
371017.38	3755556.25	0.70978c	(96012224)	371040.31	3755531.50	0.68233c	(96012224)
371025.97	3755420.25	0.61684c	(96012224)	371015.62	3755399.00	0.60523c	(96012224)
370915.81	3755327.25	0.55887c	(96012224)	370816.03	3755255.25	0.52417c	(96051224)
370736.56	3755243.75	0.51148c	(96051224)	370669.19	3755237.00	0.48481c	(96051224)
370571.06	3755237.25	0.45705c	(96021124)	370475.62	3755237.75	0.49115c	(96030624)
370380.12	3755238.25	0.52529c	(96030624)	370278.66	3755239.00	0.55148c	(96030624)
370177.19	3755239.50	0.56093c	(96030624)	370075.72	3755240.00	0.55010c	(96030624)
369979.41	3755240.50	0.58759c	(96011124)	369883.09	3755241.00	0.65325c	(96011124)
369786.78	3755241.50	0.68301c	(96011124)	369690.47	3755242.00	0.67478c	(96012624)
369594.16	3755242.75	0.70056c	(96012624)	369497.88	3755243.25	0.70129c	(96010124)
369396.38	3755243.75	0.74282c	(96020324)	369294.91	3755244.25	0.87541c	(96020324)
369193.44	3755244.75	0.92607c	(96020324)	369091.97	3755245.25	0.89102c	(96020324)
368990.50	3755246.00	0.79658c	(96020324)	368889.03	3755246.50	0.67884c	(96020324)
368782.41	3755247.00	0.56050c	(96020324)	368675.78	3755247.50	0.47461	(96041124)
368569.12	3755248.25	0.47971	(96041124)	368471.00	3755248.75	0.47628	(96041124)
368372.84	3755249.25	0.46642	(96041124)	368274.69	3755249.75	0.45143	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.42872	(96041124)	368053.72	3755209.25	0.40442	(96041124)
367940.91	3755188.50	0.38010	(96041124)	367824.03	3755184.75	0.35904c	(96012924)
367710.84	3755181.25	0.34510c	(96012924)	367597.62	3755177.50	0.33118c	(96012924)
367484.44	3755174.00	0.31757c	(96012924)	367460.69	3755189.25	0.31611c	(96012924)
367415.00	3755295.25	0.34096c	(96012724)	367369.31	3755401.25	0.38547c	(96012724)
367323.59	3755507.25	0.42387c	(96012724)	367483.66	3755199.00	0.31964c	(96012924)
367300.88	3755623.25	0.45891c	(96012724)	367114.28	3756056.25	0.46294c	(96012724)
366984.53	3756357.50	0.53537	(96010824)	366852.91	3756663.00	0.50741	(96010824)
366902.28	3756692.00	0.51378	(96010824)	366875.53	3756760.00	0.49645	(96010824)
366812.69	3756738.50	0.48774	(96010824)	366677.25	3757024.50	0.40268	(96010824)
366536.22	3757322.00	0.31729	(96010824)	366437.28	3757530.75	0.26675	(96010824)
366486.94	3757537.25	0.26866	(96010824)	366623.91	3757468.00	0.29264	(96010824)
366644.38	3757530.75	0.28036	(96010824)	366777.06	3757519.75	0.29202	(96010824)
366998.56	3757642.25	0.29415c	(96010724)	367174.25	3757739.50	0.29896c	(96010724)
367290.72	3757694.25	0.31398c	(96010724)	367412.66	3757694.75	0.32156c	(96010724)
367409.81	3757735.75	0.31195c	(96010724)	367517.78	3757796.25	0.29703c	(96010724)
367539.25	3757802.00	0.29511c	(96010724)	367609.12	3757676.75	0.33565c	(96010724)
367769.06	3757644.25	0.35150c	(96010724)	367774.81	3757718.50	0.32358c	(96010724)
367809.47	3757834.50	0.31171	(96020924)	367807.06	3757935.50	0.31502	(96020924)
367774.94	3757958.50	0.30879	(96020924)	367798.12	3758011.00	0.31406	(96020924)
367914.41	3757961.50	0.33854	(96020924)	367904.53	3757930.25	0.33634	(96020924)
368108.69	3757840.25	0.38719	(96020924)	368232.75	3757790.25	0.42409	(96020924)
368308.88	3757761.50	0.44937	(96020924)	368603.38	3757765.00	0.55128	(96020924)
368603.84	3757718.50	0.56099	(96020924)	368769.72	3757798.50	0.59486	(96020924)
369017.16	3757954.25	0.54800	(96020924)	369080.28	3757864.00	0.61097	(96020924)
369224.00	3757952.25	0.53754	(96020924)	369408.72	3757730.00	0.71621	(96020924)
369454.22	3757776.00	0.65347	(96020924)	369264.97	3757996.50	0.49952	(96020924)
369451.62	3758128.00	0.37890	(96020924)	369459.97	3758394.25	0.26409	(96020924)
369853.09	3758394.25	0.42910c	(96020324)	369850.44	3758078.00	0.49048c	(96020324)
370298.62	3758078.25	0.57911c	(96010924)	370297.53	3757962.75	0.62781c	(96010924)
370382.34	3757966.00	0.61351c	(96010924)	370510.12	3758027.25	0.52326c	(96010924)
370505.62	3758087.75	0.51246c	(96010924)	370886.41	3758089.00	0.47633	(96092424)
370885.06	3757750.50	0.65675	(96092424)	370907.31	3757701.50	0.74147c	(96050324)
370944.91	3757670.00	0.81696c	(96050324)	371045.81	3757667.50	0.87232c	(96050324)
371046.34	3757585.00	1.01274c	(96050324)	371121.66	3757583.50	1.02712c	(96050324)
371192.59	3757720.25	0.83237c	(96050324)	371253.97	3757762.25	0.79307c	(96011324)
371263.66	3757782.50	0.76891c	(96011324)	371372.34	3757782.25	0.82850c	(96011324)
371399.44	3757806.25	0.80788c	(96011324)	371798.31	3758080.25	0.62874c	(96011324)
371908.19	3757933.50	0.67352c	(96011324)	371964.22	3757921.75	0.65353c	(96011324)
371970.19	3757841.50	0.69252c	(96100824)	372023.31	3757843.25	0.68083c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR1 ***
INCLUDING SOURCE(S): BESTACK2,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.87959c	(96090424)	372002.41	3757140.25	0.89243c	(96090424)
371514.12	3757136.25	1.50628c	(96090424)	371034.56	3757132.50	2.25158	(96101124)
371034.44	3757085.25	2.46063c	(96090424)	370764.19	3757087.00	2.88309c	(96050324)
370754.00	3756817.75	5.17143	(96090824)	371031.47	3756807.25	2.86304c	(96090324)
371033.12	3756780.25	2.83962c	(96090324)	371483.09	3756770.25	1.39643c	(96090324)
371817.25	3756763.00	0.93704c	(96090324)	372274.41	3756752.75	0.60542c	(96090324)
372713.41	3756743.00	0.43080c	(96090324)	372702.62	3756552.50	0.35470c	(96100624)
372818.81	3756548.75	0.33049c	(96100624)	372814.44	3756455.00	0.30306c	(96100624)
372796.75	3756367.50	0.27850c	(96100624)	372704.81	3756371.50	0.29273c	(96100624)
372706.31	3756326.75	0.27714c	(96100624)	372927.09	3756319.25	0.24827c	(96100624)
372926.22	3756245.00	0.22779c	(96100624)	373456.81	3756235.50	0.18365c	(96100624)
373448.00	3755559.75	0.19458c	(96010224)	373222.47	3755568.75	0.21934c	(96010224)
373219.34	3755705.00	0.20731c	(96010224)	373134.66	3755704.00	0.21896c	(96010224)
373131.22	3755566.75	0.23004c	(96010224)	373054.09	3755562.75	0.23909c	(96010224)
373046.22	3755174.00	0.20201c	(96010224)	372725.47	3755177.00	0.19624c	(96010224)
372624.12	3755182.25	0.19250c	(96010224)	372237.69	3755185.50	0.24849c	(96091924)
371843.00	3755188.75	0.30764c	(96091924)	371462.81	3755192.00	0.39263c	(96012224)
371049.03	3755195.50	0.48245c	(96012224)	371056.31	3755349.00	0.56696c	(96012224)
371043.41	3755384.00	0.59024c	(96012224)	371042.38	3755556.25	0.69629c	(96012224)
370995.81	3755560.25	0.72329c	(96012224)	371001.00	3755419.25	0.62154c	(96012224)
370801.41	3755275.50	0.53520c	(96051224)	370666.66	3755261.75	0.49908c	(96051224)
370380.28	3755263.25	0.53900c	(96030624)	370075.88	3755265.00	0.56434c	(96030624)
369786.91	3755266.50	0.69841c	(96011124)	369498.00	3755268.25	0.71987c	(96010124)
369193.59	3755269.75	0.94089c	(96020324)	368889.16	3755271.50	0.66342c	(96020324)
368569.28	3755273.25	0.49038	(96041124)	368274.84	3755274.75	0.45516	(96041124)
367936.44	3755213.25	0.37879	(96041124)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.44506c	(96090424)	372498.53	3757611.75	2.17164c	(96090424)
372248.53	3757861.75	2.26497c	(96100824)	372498.53	3757861.75	1.96966c	(96100824)
372248.53	3758111.75	1.92825c	(96100824)	372498.53	3758111.75	1.81254c	(96100824)
372248.53	3758361.75	1.57487c	(96011324)	372498.53	3758361.75	1.53869c	(96100824)
373792.78	3755334.75	0.66656c	(96010224)	374092.78	3755334.75	0.56990c	(96010224)
373792.78	3755709.75	0.53977c	(96010224)	374092.78	3755709.75	0.48828c	(96052124)
373792.78	3756084.75	0.56763c	(96100624)	374092.78	3756084.75	0.50904c	(96100624)
373792.78	3756459.75	0.70665c	(96100624)	374092.78	3756459.75	0.61876c	(96100624)
373792.78	3756834.75	0.84689c	(96090324)	374092.78	3756834.75	0.73224c	(96090324)
373792.78	3757209.75	0.97605c	(96090324)	374092.78	3757209.75	0.85761c	(96090324)
373792.78	3757584.75	1.03448c	(96090424)	374092.78	3757584.75	0.87934c	(96090424)
373792.78	3757959.75	1.08526c	(96090424)	374092.78	3757959.75	0.94763c	(96090424)
373792.78	3758334.75	1.01932c	(96090424)	374092.78	3758334.75	0.92726c	(96090424)
373792.78	3758709.75	0.95299c	(96100824)	374092.78	3758709.75	0.83748c	(96100824)
370479.03	3756653.75	128.71408	(96090824)	367277.91	3755613.50	1.46267c	(96012724)
367231.25	3755721.75	1.48223c	(96012724)	367184.62	3755830.00	1.56412	(96010824)
367137.97	3755938.25	1.72377	(96010824)	367091.34	3756046.50	1.84442	(96010824)
367048.09	3756146.75	1.91469	(96010824)	367004.81	3756247.25	1.94285	(96010824)
366961.56	3756347.50	1.93001	(96010824)	366917.69	3756449.50	1.87968	(96010824)
366873.81	3756551.25	1.79864	(96010824)	366829.94	3756653.00	1.69492	(96010824)
366840.22	3756684.50	1.67691	(96010824)	366889.59	3756713.50	1.68778	(96010824)
366879.00	3756682.75	1.70738	(96010824)	366852.25	3756751.00	1.62541	(96010824)
366883.62	3756736.50	1.66170	(96010824)	366820.78	3756715.00	1.63646	(96010824)
366790.12	3756728.00	1.60359	(96010824)	366744.97	3756823.25	1.48564	(96010824)
366699.81	3756918.50	1.36600	(96010824)	366654.66	3757013.75	1.24894	(96010824)
366607.66	3757113.00	1.16441c	(96010224)	366560.62	3757212.00	1.14338c	(96010224)
366513.62	3757311.25	1.10767c	(96010224)	366464.16	3757415.75	1.08068c	(96010624)
366414.69	3757520.00	1.06229c	(96010624)	366434.03	3757555.50	1.06446c	(96010624)
366483.69	3757562.00	1.08022c	(96010624)	366566.69	3757525.00	1.11770c	(96010624)
366620.62	3757538.50	1.13442c	(96010624)	366646.41	3757555.50	1.13853c	(96010624)
366712.75	3757550.25	1.16389c	(96010624)	366779.09	3757544.75	1.18993c	(96010624)
366838.81	3757582.50	1.19149c	(96010624)	366912.62	3757623.25	1.18632c	(96010624)
366986.47	3757664.25	1.19109c	(96010724)	367074.31	3757712.75	1.19892c	(96010724)
367162.16	3757761.25	1.19203c	(96010724)	367299.75	3757717.75	1.26608c	(96010724)
367384.88	3757734.00	1.27343c	(96010724)	367397.59	3757757.50	1.25162c	(96010724)
367505.56	3757818.00	1.19517c	(96010724)	367532.81	3757826.00	1.18651c	(96010724)
367561.06	3757814.00	1.20443c	(96010724)	367596.03	3757751.50	1.29331c	(96010724)
367630.97	3757689.00	1.38393c	(96010724)	367694.09	3757685.00	1.40284c	(96010724)
367749.88	3757720.50	1.35760c	(96010724)	367785.50	3757841.75	1.15836c	(96010724)
367782.09	3757935.00	1.08966	(96011424)	367752.06	3757968.50	1.06536	(96011424)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.07085c	(96020724)	367807.91	3758034.00	1.09767c	(96020724)
367866.06	3758009.25	1.14122c	(96020724)	367924.19	3757984.50	1.18760c	(96020724)
367938.25	3757954.00	1.19666c	(96020724)	367928.38	3757922.75	1.18315c	(96020724)
367914.62	3757953.25	1.17556c	(96020724)	368016.69	3757908.25	1.26423c	(96020724)
368118.78	3757863.25	1.36381c	(96020724)	368180.06	3757838.50	1.42979c	(96020724)
368242.09	3757813.50	1.50166c	(96020724)	368317.75	3757784.75	1.59730c	(96020724)
368406.72	3757787.75	1.72019c	(96020724)	368504.88	3757788.75	1.86362c	(96020724)
368603.06	3757790.00	2.01422c	(96020724)	368628.38	3757765.25	2.06722c	(96020724)
368675.91	3757781.00	2.13611c	(96020724)	368758.84	3757821.00	2.23344c	(96020724)
368838.88	3757871.50	2.28500c	(96020724)	368921.38	3757923.50	2.29549c	(96020724)
369003.84	3757975.50	2.25640c	(96020724)	369037.66	3757968.75	2.28696c	(96020724)
369100.78	3757878.25	2.53348c	(96020724)	369067.19	3757885.25	2.49503c	(96020724)
369139.03	3757929.50	2.41387c	(96020724)	369210.91	3757973.75	2.28408c	(96020724)
369243.25	3757968.25	2.28583c	(96020724)	369304.81	3757894.25	2.48810c	(96020724)
369366.38	3757820.00	2.72190c	(96020724)	369436.44	3757793.50	2.76403c	(96020724)
369435.25	3757759.75	2.91995c	(96020724)	369250.56	3758016.75	2.13947c	(96020724)
369343.91	3758082.50	1.85890c	(96020724)	369437.25	3758148.25	1.58027c	(96020324)
369429.41	3758217.50	1.50033c	(96020324)	369432.19	3758306.25	1.42844c	(96020324)
369434.97	3758395.00	1.36571c	(96020324)	369459.97	3758419.25	1.38633c	(96020324)
369558.25	3758419.25	1.54868c	(96020324)	369656.53	3758419.25	1.72739c	(96020324)
369754.81	3758419.25	1.90760c	(96020324)	369853.09	3758419.25	2.06884c	(96020324)
369878.09	3758394.00	2.14180c	(96020324)	369877.19	3758288.75	2.31019c	(96020324)
369876.31	3758183.25	2.50158c	(96020324)	369962.47	3758103.00	2.84322c	(96020324)
370074.53	3758103.00	2.96345c	(96020324)	370186.59	3758103.00	3.04424c	(96010924)
370298.62	3758103.25	3.20794c	(96010924)	370323.62	3758078.00	3.30431c	(96010924)
370381.38	3757991.00	3.60607c	(96010924)	370435.41	3758019.25	3.43676c	(96010924)
370499.31	3758049.75	3.20469c	(96010924)	370485.19	3758025.25	3.31423c	(96010924)
370480.69	3758086.00	3.14100c	(96010924)	370505.53	3758112.75	3.01328c	(96010924)
370600.72	3758113.25	2.74814c	(96010924)	370695.94	3758113.50	2.40716c	(96010924)
370791.12	3758113.75	2.03314c	(96010924)	370886.34	3758114.00	1.67536	(96092424)
370911.41	3758089.00	1.71120	(96092424)	370910.97	3757976.00	1.90989	(96092424)
370910.53	3757863.25	2.13377	(96092424)	370910.06	3757750.50	2.50108c	(96021324)
370930.06	3757711.75	2.77765c	(96021324)	370960.91	3757689.25	2.99879c	(96021324)
371046.47	3757692.50	3.16337c	(96021324)	371070.81	3757667.50	3.33326c	(96021324)
371071.34	3757585.25	3.80487c	(96021324)	371046.88	3757610.00	3.64285c	(96021324)
371122.22	3757608.50	3.66896c	(96021324)	371099.47	3757595.00	3.74771c	(96021324)
371134.94	3757663.25	3.39206c	(96021324)	371170.41	3757731.75	3.08373c	(96021324)
371239.88	3757782.75	2.89010c	(96021324)	371263.72	3757807.50	2.80138c	(96021324)
371372.38	3757807.25	2.74979c	(96021324)	371385.28	3757826.75	2.68793c	(96021324)
371485.00	3757895.25	2.44348c	(96021324)	371584.72	3757963.75	2.23361c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.09763c	(96011324)	371784.16	3758100.75	1.97189c	(96011324)
371818.31	3758095.25	1.99672c	(96011324)	371873.25	3758021.75	2.15483c	(96011324)
371928.19	3757948.50	2.31899c	(96100824)	371969.34	3757946.25	2.31812c	(96100824)
371989.16	3757923.75	2.36397c	(96100824)	371995.12	3757843.25	2.53404c	(96100824)
371969.38	3757866.50	2.50120c	(96100824)	372022.50	3757868.25	2.46384c	(96100824)
372048.31	3757843.00	2.49143c	(96100824)	372047.16	3757745.75	2.65232c	(96100824)
372046.03	3757648.50	2.77559c	(96100824)	372044.88	3757551.25	2.85127c	(96100824)
372040.50	3757447.75	3.02689c	(96090424)	372036.12	3757345.00	3.21031c	(96090424)
372031.75	3757242.00	3.31775c	(96090424)	372027.38	3757139.25	3.32980c	(96090424)
372002.59	3757115.25	3.39743c	(96090424)	371880.53	3757114.25	3.84588c	(96090424)
371758.47	3757113.25	4.36231c	(96090424)	371636.38	3757112.25	4.95085c	(96090424)
371514.31	3757111.25	5.60601c	(96090424)	371394.41	3757110.25	6.30350c	(96090424)
371274.53	3757109.50	7.13136c	(96100824)	371154.62	3757108.50	8.33767c	(96100824)
371034.75	3757107.50	9.57518c	(96100824)	371059.56	3757132.50	8.95934c	(96100824)
371059.44	3757085.25	9.66363c	(96100824)	371034.31	3757060.25	10.34359c	(96100824)
370944.22	3757060.75	11.42190c	(96100824)	370854.12	3757061.25	12.57278c	(96011324)
370764.03	3757062.00	12.34517c	(96011324)	370789.16	3757086.00	11.37440c	(96011324)
370785.78	3756996.25	16.52368c	(96011324)	370782.38	3756906.50	20.09267c	(96100824)
370778.97	3756816.75	28.68208c	(96090424)	370754.94	3756842.75	26.84692c	(96090424)
370847.44	3756839.25	23.16561c	(96090424)	370939.91	3756835.75	17.96982c	(96090424)
371032.41	3756832.25	14.05451c	(96090424)	371056.41	3756808.75	13.31802c	(96090424)
371058.09	3756781.75	12.95762c	(96090424)	371033.69	3756805.25	14.12391c	(96090424)
371146.19	3756802.75	10.57359c	(96090424)	371258.66	3756800.25	8.28802c	(96090424)
371371.16	3756797.75	6.68358c	(96090424)	371483.62	3756795.25	5.50245c	(96090424)
371595.03	3756793.00	4.60199c	(96090424)	371706.41	3756790.50	3.94972c	(96090324)
371817.78	3756788.00	3.47184c	(96090324)	371932.09	3756785.50	3.06511c	(96090324)
372046.38	3756783.00	2.72670c	(96090324)	372160.66	3756780.25	2.44045c	(96090324)
372274.97	3756777.75	2.19981c	(96090324)	372384.72	3756775.50	2.00089c	(96090324)
372494.47	3756773.00	1.82745c	(96090324)	372604.22	3756770.50	1.67562c	(96090324)
372713.97	3756768.00	1.54199c	(96090324)	372738.38	3756741.75	1.48236c	(96090324)
372732.97	3756646.50	1.40707c	(96100624)	372819.62	3756573.75	1.27709c	(96100624)
372843.78	3756547.75	1.23890c	(96100624)	372839.41	3756453.75	1.17220c	(96100624)
372821.25	3756362.50	1.10937c	(96100624)	372795.62	3756342.50	1.10848c	(96100624)
372731.31	3756327.75	1.13755c	(96100624)	372707.19	3756351.75	1.17834c	(96100624)
372927.97	3756344.00	1.02784c	(96100624)	372952.09	3756318.75	0.99439c	(96100624)
372951.22	3756244.75	0.93548c	(96100624)	372926.66	3756270.00	0.96873c	(96100624)
373032.78	3756268.00	0.91439c	(96100624)	373138.88	3756266.25	0.86492c	(96100624)
373245.00	3756264.25	0.81940c	(96100624)	373351.12	3756262.25	0.77759c	(96100624)
373457.25	3756260.50	0.73920c	(96100624)	373481.81	3756235.00	0.71835c	(96100624)
373480.34	3756122.50	0.66061c	(96100624)	373478.88	3756009.75	0.65639c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.64321c	(96052124)	373475.94	3755784.50	0.63185c	(96010224)
373474.47	3755672.00	0.69003c	(96010224)	373473.00	3755559.25	0.73702c	(96010224)
373447.00	3755534.75	0.75707c	(96010224)	373334.22	3755539.25	0.80942c	(96010224)
373221.47	3755543.75	0.86526c	(96010224)	373197.47	3755568.25	0.87169c	(96010224)
373195.91	3755636.25	0.85005c	(96010224)	373194.34	3755704.50	0.82087c	(96010224)
373219.59	3755680.00	0.81805c	(96010224)	373134.91	3755679.00	0.86787c	(96010224)
373159.66	3755703.50	0.84173c	(96010224)	373157.94	3755634.75	0.87231c	(96010224)
373156.22	3755566.00	0.89469c	(96010224)	373132.47	3755541.75	0.91292c	(96010224)
373055.34	3755537.75	0.95576c	(96010224)	373079.06	3755562.25	0.93852c	(96010224)
373077.12	3755465.00	0.94861c	(96010224)	373075.16	3755368.00	0.93895c	(96010224)
373073.19	3755270.75	0.91091c	(96010224)	373071.22	3755173.50	0.86726c	(96010224)
373046.00	3755149.00	0.85854c	(96010224)	372939.09	3755150.00	0.87558c	(96010224)
372832.16	3755151.00	0.88854c	(96010224)	372725.25	3755152.00	0.89664c	(96010224)
372622.81	3755157.25	0.90356c	(96010224)	372527.31	3755158.00	0.90097c	(96010224)
372430.69	3755159.00	0.89305c	(96010224)	372334.09	3755159.75	0.87887c	(96010224)
372237.47	3755160.50	0.95351	(96062324)	372138.81	3755161.25	1.04657c	(96032624)
372040.12	3755162.25	1.15782c	(96032624)	371941.47	3755163.00	1.27469c	(96032624)
371842.78	3755163.75	1.39579c	(96032624)	371747.72	3755164.50	1.51452c	(96032624)
371652.69	3755165.25	1.63260c	(96032624)	371557.62	3755166.25	1.74652c	(96032624)
371462.59	3755167.00	1.85043c	(96032624)	371359.16	3755167.75	1.94359c	(96032624)
371255.72	3755168.75	2.00463c	(96032624)	371152.25	3755169.50	2.01852c	(96032624)
371048.81	3755170.50	2.25931c	(96020424)	371024.06	3755196.50	2.36059c	(96020424)
371027.69	3755273.25	2.40551c	(96020424)	371031.34	3755350.25	2.50849c	(96032624)
371019.94	3755375.50	2.59391c	(96032624)	371017.91	3755470.00	2.95338c	(96032624)
371017.38	3755556.25	3.31042c	(96032624)	371040.31	3755531.50	3.18161c	(96032624)
371025.97	3755420.25	2.75916c	(96032624)	371015.62	3755399.00	2.67893c	(96032624)
370915.81	3755327.25	2.90075c	(96020424)	370816.03	3755255.25	3.00389c	(96020424)
370736.56	3755243.75	3.02755c	(96020424)	370669.19	3755237.00	2.95916c	(96020424)
370571.06	3755237.25	2.75677c	(96020424)	370475.62	3755237.75	2.45939c	(96011024)
370380.12	3755238.25	2.54450c	(96011024)	370278.66	3755239.00	2.62695c	(96010124)
370177.19	3755239.50	2.91203c	(96010124)	370075.72	3755240.00	3.21923c	(96010124)
369979.41	3755240.50	3.54405c	(96010124)	369883.09	3755241.00	3.88266c	(96010124)
369786.78	3755241.50	4.19191c	(96010124)	369690.47	3755242.00	4.42261c	(96010124)
369594.16	3755242.75	4.54023c	(96010124)	369497.88	3755243.25	5.14933c	(96020324)
369396.38	3755243.75	5.77737c	(96020324)	369294.91	3755244.25	5.94369c	(96020324)
369193.44	3755244.75	5.66168c	(96020324)	369091.97	3755245.25	5.06647c	(96020324)
368990.50	3755246.00	4.33046c	(96020324)	368889.03	3755246.50	3.59756c	(96020324)
368782.41	3755247.00	2.92298c	(96020324)	368675.78	3755247.50	2.49890c	(96010124)
368569.12	3755248.25	2.29786c	(96010124)	368471.00	3755248.75	2.13458c	(96010124)
368372.84	3755249.25	1.98838c	(96010124)	368274.69	3755249.75	1.90340c	(96012924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.81151c	(96012924)	368053.72	3755209.25	1.71902c	(96012924)
367940.91	3755188.50	1.63008c	(96012924)	367824.03	3755184.75	1.55575c	(96012924)
367710.84	3755181.25	1.48483c	(96012924)	367597.62	3755177.50	1.41568c	(96012924)
367484.44	3755174.00	1.34919c	(96012924)	367460.69	3755189.25	1.34239c	(96012924)
367415.00	3755295.25	1.35465c	(96012924)	367369.31	3755401.25	1.35367c	(96012924)
367323.59	3755507.25	1.40802c	(96012724)	367483.66	3755199.00	1.35969c	(96012924)
367300.88	3755623.25	1.48128c	(96012724)	367114.28	3756056.25	1.87231	(96010824)
366984.53	3756357.50	1.95076	(96010824)	366852.91	3756663.00	1.70421	(96010824)
366902.28	3756692.00	1.71696	(96010824)	366875.53	3756760.00	1.63302	(96010824)
366812.69	3756738.50	1.60964	(96010824)	366677.25	3757024.50	1.24820	(96010824)
366536.22	3757322.00	1.11329c	(96010224)	366437.28	3757530.75	1.06934c	(96010624)
366486.94	3757537.25	1.08625c	(96010624)	366623.91	3757468.00	1.14892c	(96010624)
366644.38	3757530.75	1.14527c	(96010624)	366777.06	3757519.75	1.19895c	(96010624)
366998.56	3757642.25	1.20438c	(96010724)	367174.25	3757739.50	1.21209c	(96010724)
367290.72	3757694.25	1.28319c	(96010724)	367412.66	3757694.75	1.32037c	(96010724)
367409.81	3757735.75	1.27756c	(96010724)	367517.78	3757796.25	1.22448c	(96010724)
367539.25	3757802.00	1.21900c	(96010724)	367609.12	3757676.75	1.39469c	(96010724)
367769.06	3757644.25	1.47949c	(96010724)	367774.81	3757718.50	1.36331c	(96010724)
367809.47	3757834.50	1.16815c	(96010724)	367807.06	3757935.50	1.10249	(96011424)
367774.94	3757958.50	1.07948	(96011424)	367798.12	3758011.00	1.08709c	(96020724)
367914.41	3757961.50	1.17648c	(96020724)	367904.53	3757930.25	1.16298c	(96020724)
368108.69	3757840.25	1.34964c	(96020724)	368232.75	3757790.25	1.48759c	(96020724)
368308.88	3757761.50	1.58361c	(96020724)	368603.38	3757765.00	2.02630c	(96020724)
368603.84	3757718.50	2.04442c	(96020724)	368769.72	3757798.50	2.27313c	(96020724)
369017.16	3757954.25	2.30839c	(96020724)	369080.28	3757864.00	2.55562c	(96020724)
369224.00	3757952.25	2.34195c	(96020724)	369408.72	3757730.00	3.08322c	(96020724)
369454.22	3757776.00	2.82082c	(96020724)	369264.97	3757996.50	2.18812c	(96020724)
369451.62	3758128.00	1.62532c	(96020324)	369459.97	3758394.25	1.40423c	(96020324)
369853.09	3758394.25	2.10473c	(96020324)	369850.44	3758078.00	2.65629c	(96020324)
370298.62	3758078.25	3.29003c	(96010924)	370297.53	3757962.75	3.71660c	(96010924)
370382.34	3757966.00	3.70244c	(96010924)	370510.12	3758027.25	3.24259c	(96010924)
370505.62	3758087.75	3.08091c	(96010924)	370886.41	3758089.00	1.71753	(96092424)
370885.06	3757750.50	2.43705c	(96033024)	370907.31	3757701.50	2.76489c	(96021324)
370944.91	3757670.00	3.07199c	(96021324)	371045.81	3757667.50	3.30263c	(96021324)
371046.34	3757585.00	3.79641c	(96021324)	371121.66	3757583.50	3.79930c	(96021324)
371192.59	3757720.25	3.13598c	(96021324)	371253.97	3757762.25	2.96250c	(96021324)
371263.66	3757782.50	2.88836c	(96021324)	371372.34	3757782.25	2.81545c	(96021324)
371399.44	3757806.25	2.72570c	(96021324)	371798.31	3758080.25	2.02542c	(96011324)
371908.19	3757933.50	2.35908c	(96100824)	371964.22	3757921.75	2.37690c	(96100824)
371970.19	3757841.50	2.55572c	(96100824)	372023.31	3757843.25	2.51202c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSCLTWR ***
INCLUDING SOURCE(S): CTESTCK4, CTESTCK5, CTESTCK6, CTESTCK7,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	2.90866c	(96100824)	372002.41	3757140.25	3.41232c	(96090424)
371514.12	3757136.25	5.50923c	(96090424)	371034.56	3757132.50	9.14734c	(96100824)
371034.44	3757085.25	9.99037c	(96100824)	370764.19	3757087.00	11.52395c	(96021324)
370754.00	3756817.75	29.91661c	(96090424)	371031.47	3756807.25	14.19995c	(96090424)
371033.12	3756780.25	14.16303c	(96090424)	371483.09	3756770.25	5.33999c	(96090424)
371817.25	3756763.00	3.42834c	(96090324)	372274.41	3756752.75	2.16018c	(96090324)
372713.41	3756743.00	1.51094c	(96090324)	372702.62	3756552.50	1.36515c	(96100624)
372818.81	3756548.75	1.25995c	(96100624)	372814.44	3756455.00	1.19170c	(96100624)
372796.75	3756367.50	1.13021c	(96100624)	372704.81	3756371.50	1.19965c	(96100624)
372706.31	3756326.75	1.15379c	(96100624)	372927.09	3756319.25	1.00869c	(96100624)
372926.22	3756245.00	0.94803c	(96100624)	373456.81	3756235.50	0.72673c	(96100624)
373448.00	3755559.75	0.74843c	(96010224)	373222.47	3755568.75	0.85817c	(96010224)
373219.34	3755705.00	0.80626c	(96010224)	373134.66	3755704.00	0.85649c	(96010224)
373131.22	3755566.75	0.90831c	(96010224)	373054.09	3755562.75	0.95262c	(96010224)
373046.22	3755174.00	0.87252c	(96010224)	372725.47	3755177.00	0.91934c	(96010224)
372624.12	3755182.25	0.92913c	(96010224)	372237.69	3755185.50	0.94831	(96062324)
371843.00	3755188.75	1.39946c	(96032624)	371462.81	3755192.00	1.88147c	(96032624)
371049.03	3755195.50	2.27621c	(96020424)	371056.31	3755349.00	2.50923c	(96032624)
371043.41	3755384.00	2.62752c	(96032624)	371042.38	3755556.25	3.27647c	(96032624)
370995.81	3755560.25	3.35155c	(96032624)	371001.00	3755419.25	2.75319c	(96032624)
370801.41	3755275.50	3.08355c	(96020424)	370666.66	3755261.75	3.05018c	(96020424)
370380.28	3755263.25	2.62170c	(96011024)	370075.88	3755265.00	3.33887c	(96010124)
369786.91	3755266.50	4.35396c	(96010124)	369498.00	3755268.25	5.42927c	(96020324)
369193.59	3755269.75	5.71539c	(96020324)	368889.16	3755271.50	3.52468c	(96020324)
368569.28	3755273.25	2.31348c	(96010124)	368274.84	3755274.75	1.93846c	(96012924)
367936.44	3755213.25	1.64871c	(96012924)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.75957c	(96090424)	372498.53	3757611.75	0.65765c	(96090424)
372248.53	3757861.75	0.64776c	(96090424)	372498.53	3757861.75	0.60497c	(96090424)
372248.53	3758111.75	0.53526c	(96100824)	372498.53	3758111.75	0.50323c	(96090424)
372248.53	3758361.75	0.49021c	(96011324)	372498.53	3758361.75	0.45007c	(96011324)
373792.78	3755334.75	0.17537c	(96010224)	374092.78	3755334.75	0.15253c	(96010224)
373792.78	3755709.75	0.14206c	(96010224)	374092.78	3755709.75	0.11680c	(96010224)
373792.78	3756084.75	0.14205c	(96100624)	374092.78	3756084.75	0.13010c	(96100624)
373792.78	3756459.75	0.19356c	(96100624)	374092.78	3756459.75	0.17195c	(96100624)
373792.78	3756834.75	0.25524c	(96090324)	374092.78	3756834.75	0.22182c	(96090324)
373792.78	3757209.75	0.31248c	(96090324)	374092.78	3757209.75	0.27392c	(96090324)
373792.78	3757584.75	0.30225c	(96090324)	374092.78	3757584.75	0.27395c	(96090324)
373792.78	3757959.75	0.32817c	(96090424)	374092.78	3757959.75	0.28364c	(96090424)
373792.78	3758334.75	0.32783c	(96090424)	374092.78	3758334.75	0.29354c	(96090424)
373792.78	3758709.75	0.29367c	(96090424)	374092.78	3758709.75	0.27659c	(96090424)
370479.03	3756653.75	12.68677c	(96061624)	367277.91	3755613.50	0.45298c	(96012724)
367231.25	3755721.75	0.47156c	(96012724)	367184.62	3755830.00	0.47801c	(96012724)
367137.97	3755938.25	0.47291c	(96012724)	367091.34	3756046.50	0.45787c	(96012724)
367048.09	3756146.75	0.48869	(96010824)	367004.81	3756247.25	0.51473	(96010824)
366961.56	3756347.50	0.52843	(96010824)	366917.69	3756449.50	0.53020	(96010824)
366873.81	3756551.25	0.52110	(96010824)	366829.94	3756653.00	0.50327	(96010824)
366840.22	3756684.50	0.50123	(96010824)	366889.59	3756713.50	0.50704	(96010824)
366879.00	3756682.75	0.50957	(96010824)	366852.25	3756751.00	0.49282	(96010824)
366883.62	3756736.50	0.50184	(96010824)	366820.78	3756715.00	0.49266	(96010824)
366790.12	3756728.00	0.48449	(96010824)	366744.97	3756823.25	0.45843	(96010824)
366699.81	3756918.50	0.43030	(96010824)	366654.66	3757013.75	0.40155	(96010824)
366607.66	3757113.00	0.37207	(96010824)	366560.62	3757212.00	0.34387	(96010824)
366513.62	3757311.25	0.31726	(96010824)	366464.16	3757415.75	0.29121	(96010824)
366414.69	3757520.00	0.26717	(96010824)	366434.03	3757555.50	0.26162	(96010824)
366483.69	3757562.00	0.26340	(96010824)	366566.69	3757525.00	0.27618	(96010824)
366620.62	3757538.50	0.27690	(96010824)	366646.41	3757555.50	0.27492	(96010824)
366712.75	3757550.25	0.28050c	(96010624)	366779.09	3757544.75	0.28619c	(96010624)
366838.81	3757582.50	0.28767c	(96010624)	366912.62	3757623.25	0.28691c	(96010624)
366986.47	3757664.25	0.29173c	(96010724)	367074.31	3757712.75	0.29539c	(96010724)
367162.16	3757761.25	0.29449c	(96010724)	367299.75	3757717.75	0.31017c	(96010724)
367384.88	3757734.00	0.31118c	(96010724)	367397.59	3757757.50	0.30599c	(96010724)
367505.56	3757818.00	0.29005c	(96010724)	367532.81	3757826.00	0.28718c	(96010724)
367561.06	3757814.00	0.29090c	(96010724)	367596.03	3757751.50	0.31190c	(96010724)
367630.97	3757689.00	0.33262c	(96010724)	367694.09	3757685.00	0.33554c	(96010724)
367749.88	3757720.50	0.32306c	(96010724)	367785.50	3757841.75	0.30604	(96020924)
367782.09	3757935.00	0.30910	(96020924)	367752.06	3757968.50	0.30375	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.30898	(96020924)	367807.91	3758034.00	0.31533	(96020924)
367866.06	3758009.25	0.32720	(96020924)	367924.19	3757984.50	0.33976	(96020924)
367938.25	3757954.00	0.34324	(96020924)	367928.38	3757922.75	0.34106	(96020924)
367914.62	3757953.25	0.33798	(96020924)	368016.69	3757908.25	0.36200	(96020924)
368118.78	3757863.25	0.38880	(96020924)	368180.06	3757838.50	0.40633	(96020924)
368242.09	3757813.50	0.42532	(96020924)	368317.75	3757784.75	0.45026	(96020924)
368406.72	3757787.75	0.47919	(96020924)	368504.88	3757788.75	0.51186	(96020924)
368603.06	3757790.00	0.54442	(96020924)	368628.38	3757765.25	0.55895	(96020924)
368675.91	3757781.00	0.57090	(96020924)	368758.84	3757821.00	0.58199	(96020924)
368838.88	3757871.50	0.57768	(96020924)	368921.38	3757923.50	0.56145	(96020924)
369003.84	3757975.50	0.53458	(96020924)	369037.66	3757968.75	0.53875	(96020924)
369100.78	3757878.25	0.60089	(96020924)	369067.19	3757885.25	0.59517	(96020924)
369139.03	3757929.50	0.56235	(96020924)	369210.91	3757973.75	0.52384	(96020924)
369243.25	3757968.25	0.52355	(96020924)	369304.81	3757894.25	0.57228	(96020924)
369366.38	3757820.00	0.62878	(96020924)	369436.44	3757793.50	0.64017	(96020924)
369435.25	3757759.75	0.67704	(96020924)	369250.56	3758016.75	0.48828	(96020924)
369343.91	3758082.50	0.42914	(96020924)	369437.25	3758148.25	0.37212	(96020924)
369429.41	3758217.50	0.33982	(96020924)	369432.19	3758306.25	0.30156	(96020924)
369434.97	3758395.00	0.26888	(96020924)	369459.97	3758419.25	0.25653	(96020924)
369558.25	3758419.25	0.27338c	(96020324)	369656.53	3758419.25	0.32225c	(96020324)
369754.81	3758419.25	0.37456c	(96020324)	369853.09	3758419.25	0.42302c	(96020324)
369878.09	3758394.00	0.43888c	(96020324)	369877.19	3758288.75	0.46072c	(96020324)
369876.31	3758183.25	0.48335c	(96020324)	369962.47	3758103.00	0.55282c	(96020324)
370074.53	3758103.00	0.58558c	(96020324)	370186.59	3758103.00	0.56576c	(96020324)
370298.62	3758103.25	0.56905c	(96010924)	370323.62	3758078.00	0.57946c	(96010924)
370381.38	3757991.00	0.60498c	(96010924)	370435.41	3758019.25	0.57337c	(96010924)
370499.31	3758049.75	0.52760c	(96010924)	370485.19	3758025.25	0.54312c	(96010924)
370480.69	3758086.00	0.52960c	(96010924)	370505.53	3758112.75	0.50841c	(96010924)
370600.72	3758113.25	0.44096c	(96010924)	370695.94	3758113.50	0.44378	(96092424)
370791.12	3758113.75	0.46200	(96092424)	370886.34	3758114.00	0.46560	(96092424)
370911.41	3758089.00	0.47483	(96092424)	370910.97	3757976.00	0.52576	(96092424)
370910.53	3757863.25	0.58308	(96092424)	370910.06	3757750.50	0.67164c	(96050324)
370930.06	3757711.75	0.74030c	(96050324)	370960.91	3757689.25	0.79455c	(96050324)
371046.47	3757692.50	0.83298c	(96050324)	371070.81	3757667.50	0.88002c	(96050324)
371071.34	3757585.25	1.01742c	(96050324)	371046.88	3757610.00	0.96726c	(96050324)
371122.22	3757608.50	0.98549c	(96050324)	371099.47	3757595.00	1.00517c	(96050324)
371134.94	3757663.25	0.90215c	(96050324)	371170.41	3757731.75	0.81368c	(96050324)
371239.88	3757782.75	0.76259c	(96050324)	371263.72	3757807.50	0.74191c	(96021324)
371372.38	3757807.25	0.79495c	(96011324)	371385.28	3757826.75	0.77561c	(96011324)
371485.00	3757895.25	0.73295c	(96011324)	371584.72	3757963.75	0.69157c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.65215c	(96011324)	371784.16	3758100.75	0.61502c	(96011324)
371818.31	3758095.25	0.62022c	(96011324)	371873.25	3758021.75	0.65413c	(96011324)
371928.19	3757948.50	0.66405c	(96011324)	371969.34	3757946.25	0.64929c	(96011324)
371989.16	3757923.75	0.64569c	(96100824)	371995.12	3757843.25	0.68741c	(96100824)
371969.38	3757866.50	0.67983c	(96100824)	372022.50	3757868.25	0.67004c	(96100824)
372048.31	3757843.00	0.67588c	(96100824)	372047.16	3757745.75	0.74874c	(96090424)
372046.03	3757648.50	0.81564c	(96090424)	372044.88	3757551.25	0.86982c	(96090424)
372040.50	3757447.75	0.90973c	(96090424)	372036.12	3757345.00	0.92519c	(96090424)
372031.75	3757242.00	0.91293c	(96090424)	372027.38	3757139.25	0.87194c	(96090424)
372002.59	3757115.25	0.87992c	(96090424)	371880.53	3757114.25	1.00161c	(96090424)
371758.47	3757113.25	1.14522c	(96090424)	371636.38	3757112.25	1.31396c	(96090424)
371514.31	3757111.25	1.50974c	(96090424)	371394.41	3757110.25	1.72735c	(96090424)
371274.53	3757109.50	1.96193c	(96090424)	371154.62	3757108.50	2.19021c	(96090424)
371034.75	3757107.50	2.36728	(96101124)	371059.56	3757132.50	2.23265	(96101124)
371059.44	3757085.25	2.42720c	(96090424)	371034.31	3757060.25	2.57143c	(96090424)
370944.22	3757060.75	2.75628	(96062224)	370854.12	3757061.25	2.96793	(96062224)
370764.03	3757062.00	3.05319c	(96050324)	370789.16	3757086.00	2.84605c	(96050324)
370785.78	3756996.25	3.69978	(96062224)	370782.38	3756906.50	4.59288	(96090824)
370778.97	3756816.75	4.90114c	(96061624)	370754.94	3756842.75	5.22531	(96090824)
370847.44	3756839.25	4.06916c	(96061624)	370939.91	3756835.75	3.30837c	(96061624)
371032.41	3756832.25	2.84862c	(96090324)	371056.41	3756808.75	2.75591c	(96090324)
371058.09	3756781.75	2.72992c	(96090324)	371033.69	3756805.25	2.86719c	(96090324)
371146.19	3756802.75	2.36787c	(96090324)	371258.66	3756800.25	1.98080c	(96090324)
371371.16	3756797.75	1.67793c	(96090324)	371483.62	3756795.25	1.43846c	(96090324)
371595.03	3756793.00	1.24885c	(96090324)	371706.41	3756790.50	1.09486c	(96090324)
371817.78	3756788.00	0.96779c	(96090324)	371932.09	3756785.50	0.85931c	(96090324)
372046.38	3756783.00	0.76832c	(96090324)	372160.66	3756780.25	0.69106c	(96090324)
372274.97	3756777.75	0.62523c	(96090324)	372384.72	3756775.50	0.57074c	(96090324)
372494.47	3756773.00	0.52308c	(96090324)	372604.22	3756770.50	0.48126c	(96090324)
372713.97	3756768.00	0.44436c	(96090324)	372738.38	3756741.75	0.42378c	(96090324)
372732.97	3756646.50	0.37848c	(96100624)	372819.62	3756573.75	0.33823c	(96100624)
372843.78	3756547.75	0.32612c	(96100624)	372839.41	3756453.75	0.29920c	(96100624)
372821.25	3756362.50	0.27407c	(96100624)	372795.62	3756342.50	0.27116c	(96100624)
372731.31	3756327.75	0.27462c	(96100624)	372707.19	3756351.75	0.28601c	(96100624)
372927.97	3756344.00	0.25539c	(96100624)	372952.09	3756318.75	0.24571c	(96100624)
372951.22	3756244.75	0.22570c	(96100624)	372926.66	3756270.00	0.23495c	(96100624)
373032.78	3756268.00	0.22430c	(96100624)	373138.88	3756266.25	0.21442c	(96100624)
373245.00	3756264.25	0.20511c	(96100624)	373351.12	3756262.25	0.19640c	(96100624)
373457.25	3756260.50	0.18828c	(96100624)	373481.81	3756235.00	0.18209c	(96100624)
373480.34	3756122.50	0.16257c	(96100624)	373478.88	3756009.75	0.14848c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.14552c	(96010224)	373475.94	3755784.50	0.16414c	(96010224)
373474.47	3755672.00	0.18022c	(96010224)	373473.00	3755559.25	0.19224c	(96010224)
373447.00	3755534.75	0.19690c	(96010224)	373334.22	3755539.25	0.20875c	(96010224)
373221.47	3755543.75	0.22098c	(96010224)	373197.47	3755568.25	0.22261c	(96010224)
373195.91	3755636.25	0.21813c	(96010224)	373194.34	3755704.50	0.21113c	(96010224)
373219.59	3755680.00	0.21065c	(96010224)	373134.91	3755679.00	0.22209c	(96010224)
373159.66	3755703.50	0.21598c	(96010224)	373157.94	3755634.75	0.22311c	(96010224)
373156.22	3755566.00	0.22751c	(96010224)	373132.47	3755541.75	0.23095c	(96010224)
373055.34	3755537.75	0.23946c	(96010224)	373079.06	3755562.25	0.23656c	(96010224)
373077.12	3755465.00	0.23572c	(96010224)	373075.16	3755368.00	0.22906c	(96010224)
373073.19	3755270.75	0.21738c	(96010224)	373071.22	3755173.50	0.20186c	(96010224)
373046.00	3755149.00	0.19741c	(96010224)	372939.09	3755150.00	0.19635c	(96010224)
372832.16	3755151.00	0.19379c	(96010224)	372725.25	3755152.00	0.18961c	(96010224)
372622.81	3755157.25	0.18525c	(96010224)	372527.31	3755158.00	0.19864c	(96091924)
372430.69	3755159.00	0.21504c	(96091924)	372334.09	3755159.75	0.23182c	(96091924)
372237.47	3755160.50	0.24854c	(96091924)	372138.81	3755161.25	0.26499c	(96091924)
372040.12	3755162.25	0.28008c	(96091924)	371941.47	3755163.00	0.29288c	(96091924)
371842.78	3755163.75	0.30236c	(96091924)	371747.72	3755164.50	0.30731c	(96091924)
371652.69	3755165.25	0.32556c	(96012224)	371557.62	3755166.25	0.35821c	(96012224)
371462.59	3755167.00	0.38995c	(96012224)	371359.16	3755167.75	0.42141c	(96012224)
371255.72	3755168.75	0.44709c	(96012224)	371152.25	3755169.50	0.46394c	(96012224)
371048.81	3755170.50	0.46945c	(96012224)	371024.06	3755196.50	0.48271c	(96012224)
371027.69	3755273.25	0.52615c	(96012224)	371031.34	3755350.25	0.57219c	(96012224)
371019.94	3755375.50	0.58976c	(96012224)	371017.91	3755470.00	0.65268c	(96012224)
371017.38	3755556.25	0.71130c	(96012224)	371040.31	3755531.50	0.68380c	(96012224)
371025.97	3755420.25	0.61754c	(96012224)	371015.62	3755399.00	0.60578c	(96012224)
370915.81	3755327.25	0.55857c	(96012224)	370816.03	3755255.25	0.52433c	(96051224)
370736.56	3755243.75	0.51080c	(96051224)	370669.19	3755237.00	0.48347c	(96051224)
370571.06	3755237.25	0.45780c	(96021124)	370475.62	3755237.75	0.49229c	(96030624)
370380.12	3755238.25	0.52623c	(96030624)	370278.66	3755239.00	0.55201c	(96030624)
370177.19	3755239.50	0.56090c	(96030624)	370075.72	3755240.00	0.54946c	(96030624)
369979.41	3755240.50	0.59000c	(96011124)	369883.09	3755241.00	0.65475c	(96011124)
369786.78	3755241.50	0.68326c	(96011124)	369690.47	3755242.00	0.67594c	(96012624)
369594.16	3755242.75	0.70089c	(96012624)	369497.88	3755243.25	0.70258c	(96010124)
369396.38	3755243.75	0.74754c	(96020324)	369294.91	3755244.25	0.87815c	(96020324)
369193.44	3755244.75	0.92618c	(96020324)	369091.97	3755245.25	0.88892c	(96020324)
368990.50	3755246.00	0.79330c	(96020324)	368889.03	3755246.50	0.67537c	(96020324)
368782.41	3755247.00	0.55748c	(96020324)	368675.78	3755247.50	0.47487	(96041124)
368569.12	3755248.25	0.47971	(96041124)	368471.00	3755248.75	0.47607	(96041124)
368372.84	3755249.25	0.46603	(96041124)	368274.69	3755249.75	0.45091	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.42814	(96041124)	368053.72	3755209.25	0.40380	(96041124)
367940.91	3755188.50	0.37946	(96041124)	367824.03	3755184.75	0.35869c	(96012924)
367710.84	3755181.25	0.34475c	(96012924)	367597.62	3755177.50	0.33083c	(96012924)
367484.44	3755174.00	0.31722c	(96012924)	367460.69	3755189.25	0.31576c	(96012924)
367415.00	3755295.25	0.34102c	(96012724)	367369.31	3755401.25	0.38540c	(96012724)
367323.59	3755507.25	0.42365c	(96012724)	367483.66	3755199.00	0.31929c	(96012924)
367300.88	3755623.25	0.45854c	(96012724)	367114.28	3756056.25	0.46226c	(96012724)
366984.53	3756357.50	0.53475	(96010824)	366852.91	3756663.00	0.50679	(96010824)
366902.28	3756692.00	0.51315	(96010824)	366875.53	3756760.00	0.49585	(96010824)
366812.69	3756738.50	0.48715	(96010824)	366677.25	3757024.50	0.40225	(96010824)
366536.22	3757322.00	0.31702	(96010824)	366437.28	3757530.75	0.26656	(96010824)
366486.94	3757537.25	0.26847	(96010824)	366623.91	3757468.00	0.29242	(96010824)
366644.38	3757530.75	0.28016	(96010824)	366777.06	3757519.75	0.29181	(96010824)
366998.56	3757642.25	0.29386c	(96010724)	367174.25	3757739.50	0.29877c	(96010724)
367290.72	3757694.25	0.31377c	(96010724)	367412.66	3757694.75	0.32139c	(96010724)
367409.81	3757735.75	0.31183c	(96010724)	367517.78	3757796.25	0.29702c	(96010724)
367539.25	3757802.00	0.29512c	(96010724)	367609.12	3757676.75	0.33554c	(96010724)
367769.06	3757644.25	0.35142c	(96010724)	367774.81	3757718.50	0.32361c	(96010724)
367809.47	3757834.50	0.31103	(96020924)	367807.06	3757935.50	0.31439	(96020924)
367774.94	3757958.50	0.30818	(96020924)	367798.12	3758011.00	0.31347	(96020924)
367914.41	3757961.50	0.33789	(96020924)	367904.53	3757930.25	0.33567	(96020924)
368108.69	3757840.25	0.38637	(96020924)	368232.75	3757790.25	0.42317	(96020924)
368308.88	3757761.50	0.44839	(96020924)	368603.38	3757765.00	0.55024	(96020924)
368603.84	3757718.50	0.55983	(96020924)	368769.72	3757798.50	0.59401	(96020924)
369017.16	3757954.25	0.54797	(96020924)	369080.28	3757864.00	0.61086	(96020924)
369224.00	3757952.25	0.53791	(96020924)	369408.72	3757730.00	0.71678	(96020924)
369454.22	3757776.00	0.65427	(96020924)	369264.97	3757996.50	0.50000	(96020924)
369451.62	3758128.00	0.37959	(96020924)	369459.97	3758394.25	0.26463	(96020924)
369853.09	3758394.25	0.42774c	(96020324)	369850.44	3758078.00	0.48829c	(96020324)
370298.62	3758078.25	0.57894c	(96010924)	370297.53	3757962.75	0.62768c	(96010924)
370382.34	3757966.00	0.61450c	(96010924)	370510.12	3758027.25	0.52542c	(96010924)
370505.62	3758087.75	0.51434c	(96010924)	370886.41	3758089.00	0.47648	(96092424)
370885.06	3757750.50	0.65776	(96092424)	370907.31	3757701.50	0.73926c	(96050324)
370944.91	3757670.00	0.81503c	(96050324)	371045.81	3757667.50	0.87119c	(96050324)
371046.34	3757585.00	1.01194c	(96050324)	371121.66	3757583.50	1.02696c	(96050324)
371192.59	3757720.25	0.83199c	(96050324)	371253.97	3757762.25	0.79092c	(96011324)
371263.66	3757782.50	0.76676c	(96011324)	371372.34	3757782.25	0.82740c	(96011324)
371399.44	3757806.25	0.80685c	(96011324)	371798.31	3758080.25	0.62866c	(96011324)
371908.19	3757933.50	0.67458c	(96011324)	371964.22	3757921.75	0.65478c	(96011324)
371970.19	3757841.50	0.69307c	(96100824)	372023.31	3757843.25	0.68149c	(96100824)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EXSTBLR2 ***
INCLUDING SOURCE(S): BESTACK3,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.88091c	(96090424)	372002.41	3757140.25	0.89516c	(96090424)
371514.12	3757136.25	1.51111c	(96090424)	371034.56	3757132.50	2.25375	(96101124)
371034.44	3757085.25	2.46482c	(96090424)	370764.19	3757087.00	2.88822c	(96050324)
370754.00	3756817.75	5.22076	(96090824)	371031.47	3756807.25	2.87794c	(96090324)
371033.12	3756780.25	2.85521c	(96090324)	371483.09	3756770.25	1.40186c	(96090324)
371817.25	3756763.00	0.93997c	(96090324)	372274.41	3756752.75	0.60690c	(96090324)
372713.41	3756743.00	0.43167c	(96090324)	372702.62	3756552.50	0.35532c	(96100624)
372818.81	3756548.75	0.33105c	(96100624)	372814.44	3756455.00	0.30353c	(96100624)
372796.75	3756367.50	0.27890c	(96100624)	372704.81	3756371.50	0.29317c	(96100624)
372706.31	3756326.75	0.27753c	(96100624)	372927.09	3756319.25	0.24860c	(96100624)
372926.22	3756245.00	0.22806c	(96100624)	373456.81	3756235.50	0.18385c	(96100624)
373448.00	3755559.75	0.19490c	(96010224)	373222.47	3755568.75	0.21968c	(96010224)
373219.34	3755705.00	0.20771c	(96010224)	373134.66	3755704.00	0.21937c	(96010224)
373131.22	3755566.75	0.23039c	(96010224)	373054.09	3755562.75	0.23943c	(96010224)
373046.22	3755174.00	0.20201c	(96010224)	372725.47	3755177.00	0.19611c	(96010224)
372624.12	3755182.25	0.19232c	(96010224)	372237.69	3755185.50	0.24902c	(96091924)
371843.00	3755188.75	0.30791c	(96091924)	371462.81	3755192.00	0.39365c	(96012224)
371049.03	3755195.50	0.48247c	(96012224)	371056.31	3755349.00	0.56750c	(96012224)
371043.41	3755384.00	0.59087c	(96012224)	371042.38	3755556.25	0.69795c	(96012224)
370995.81	3755560.25	0.72471c	(96012224)	371001.00	3755419.25	0.62210c	(96012224)
370801.41	3755275.50	0.53529c	(96051224)	370666.66	3755261.75	0.49773c	(96051224)
370380.28	3755263.25	0.53997c	(96030624)	370075.88	3755265.00	0.56366c	(96030624)
369786.91	3755266.50	0.69854c	(96011124)	369498.00	3755268.25	0.72106c	(96010124)
369193.59	3755269.75	0.94052c	(96020324)	368889.16	3755271.50	0.65992c	(96020324)
368569.28	3755273.25	0.49030	(96041124)	368274.84	3755274.75	0.45458	(96041124)
367936.44	3755213.25	0.37812	(96041124)				

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXISTRBN	1ST HIGHEST VALUE IS	2.98829	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	1.35502	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	1.31299	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	1.27616	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	1.10377	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	1.07574	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	0.86996	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	0.83474	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	0.70614	AT (371032.41, 3756832.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	0.68942	AT (371031.47, 3756807.25, 0.00, 0.00, 1.80)	DC	
EXSTBLR1	1ST HIGHEST VALUE IS	5.61703	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	2.10712	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	2.06850	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	1.95451	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	1.76831	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	1.60866	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.40562	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.26128	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	1.13381	AT (370764.03, 3757062.00, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	1.10434	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	
EXSCLTWR	1ST HIGHEST VALUE IS	61.06045	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	11.31434	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	10.56993	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	10.29789	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	8.15063	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	7.33464	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	6.20663	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	5.17575	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	4.76068	AT (371033.12, 3756780.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	4.75078	AT (371031.47, 3756807.25, 0.00, 0.00, 1.80)	DC	

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXSTBLR2	1ST HIGHEST VALUE IS	5.72963	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	2.12619	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	2.08541	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	1.97202	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	1.77879	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	1.62159	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.40931	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.27081	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	1.13361	AT (370764.03, 3757062.00, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	1.10638	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXISTRBN	HIGH 1ST HIGH VALUE IS	13.44712	ON 96051619:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR1	HIGH 1ST HIGH VALUE IS	25.07216	ON 96010718:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSCLTWR	HIGH 1ST HIGH VALUE IS	213.15608	ON 96013016:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR2	HIGH 1ST HIGH VALUE IS	25.36741	ON 96010718:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXISTRBN	HIGH 1ST HIGH VALUE IS	13.39026	ON 96051724:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR1	HIGH 1ST HIGH VALUE IS	23.89455	ON 96092524:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSCLTWR	HIGH 1ST HIGH VALUE IS	197.05119	ON 96062224:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR2	HIGH 1ST HIGH VALUE IS	24.12701	ON 96092524:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXISTRBN	HIGH 1ST HIGH VALUE IS	11.14834	ON 96022924:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR1	HIGH 1ST HIGH VALUE IS	19.85269	ON 96092624:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSCLTWR	HIGH 1ST HIGH VALUE IS	154.67882	ON 96090808:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR2	HIGH 1ST HIGH VALUE IS	20.15467	ON 96092624:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EXISTRBN HIGH 1ST HIGH VALUE IS	6.62332	ON 96030524:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR1 HIGH 1ST HIGH VALUE IS	12.49203c	ON 96061624:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSCLTWR HIGH 1ST HIGH VALUE IS	128.71408	ON 96090824:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
EXSTBLR2 HIGH 1ST HIGH VALUE IS	12.68677c	ON 96061624:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** 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 2275 Informational Message(s)

A Total of 920 Calm Hours Identified

A Total of 1355 Missing Hours Identified (15.43 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 ***
****

**MODELOPTs:
CONC   DFAULT ELEV   FLGPOL

*** MODEL SETUP OPTIONS SUMMARY ***

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

-- DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO GAS DRY DEPOSITION Data Provided.

**Model Uses URBAN Dispersion Algorithm for the SBL for 8 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 165468.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay for URBAN/Non-SO2

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 4 Short Term Average(s) of: 1-HR 3-HR 8-HR 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 8 Source(s); 5 Source Group(s); and 451 Receptor(s)

**The Model Assumes A Pollutant Type of: UNITRATE

**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)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 0.00 ; 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 = 1.4 MB of RAM.

**File for Saving Result Arrays: New_CUP_.sv1

**MODELOPTs:
CONC   DFAULT ELEV   FLGPOL

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
TNSTACK8	0	0.10000E+01	370319.5	3756635.0	0.0	16.76	422.04	24.79	1.00	YES	YES	NO	
TNSTACK9	0	0.10000E+01	370319.5	3756627.8	0.0	16.76	422.04	24.79	1.00	YES	YES	NO	
BNSTCK10	0	0.10000E+01	370327.3	3756634.2	0.0	16.76	422.04	9.66	0.76	YES	YES	NO	
CTNSTK11	0	0.10000E+01	370277.6	3756643.2	0.0	19.81	0.00	3.40	7.01	YES	YES	NO	
CTNSTK12	0	0.10000E+01	370291.7	3756644.2	0.0	19.81	0.00	3.40	7.01	YES	YES	NO	
CTNSTK13	0	0.10000E+01	370302.8	3756645.0	0.0	19.81	0.00	3.40	7.01	YES	YES	NO	
CTNSTK14	0	0.10000E+01	370313.6	3756646.0	0.0	19.81	0.00	3.40	7.01	YES	YES	NO	
DBSTCK15	0	0.10000E+01	370319.5	3756635.0	0.0	16.76	422.04	5.63	1.00	YES	YES	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
NEWTRBN1	TNSTACK8,
NEWBOILR	BNSTCK10,
NEWCLTWR	CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,
NEWTRBN2	TNSTACK9,
NEWDUCT1	DBSTCK15,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: TNSTACK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-7.7,	23.8,	2	19.8,	52.5,	33.8,	-15.8,	24.4,
3	19.8,	50.0,	40.5,	-23.4,	24.2,	4	19.8,	45.9,	45.9,	-30.3,	23.3,
5	19.8,	40.5,	50.0,	-36.2,	21.7,	6	19.8,	33.8,	52.5,	-41.1,	19.4,
7	19.8,	26.1,	53.4,	-44.7,	16.5,	8	19.8,	17.6,	52.8,	-47.0,	13.1,
9	19.8,	17.6,	52.8,	-48.9,	9.4,	10	19.8,	26.1,	53.4,	-50.5,	5.3,
11	19.8,	33.8,	52.5,	-50.6,	1.1,	12	19.8,	40.5,	50.0,	-49.2,	-3.2,
13	19.8,	45.9,	45.9,	-46.2,	-7.3,	14	19.8,	50.0,	40.5,	-41.9,	-11.3,
15	19.8,	52.5,	33.8,	-36.3,	-14.9,	16	19.8,	53.4,	26.1,	-29.5,	-18.0,
17	19.8,	52.8,	17.6,	-21.9,	-20.6,	18	19.8,	52.8,	17.6,	-18.1,	-22.5,
19	19.8,	53.4,	26.1,	-18.3,	-23.8,	20	19.8,	52.5,	33.8,	-18.0,	-24.4,
21	19.8,	50.0,	40.5,	-17.0,	-24.2,	22	19.8,	45.9,	45.9,	-15.6,	-23.3,
23	19.8,	40.5,	50.0,	-13.7,	-21.7,	24	19.8,	33.8,	52.5,	-11.4,	-19.4,
25	19.8,	26.1,	53.4,	-8.7,	-16.5,	26	19.8,	17.6,	52.8,	-5.8,	-13.1,
27	19.8,	17.6,	52.8,	-3.8,	-9.4,	28	19.8,	26.1,	53.4,	-2.9,	-5.3,
29	19.8,	33.8,	52.5,	-1.9,	-1.1,	30	19.8,	40.5,	50.0,	-0.8,	3.2,
31	19.8,	45.9,	45.9,	0.3,	7.3,	32	19.8,	50.0,	40.5,	1.4,	11.3,
33	19.8,	52.5,	33.8,	2.5,	14.9,	34	19.8,	53.4,	26.1,	3.5,	18.0,
35	19.8,	52.8,	17.6,	4.3,	20.6,	36	19.8,	52.8,	17.6,	0.6,	22.5,

SOURCE ID: TNSTACK9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-0.8,	25.1,	2	19.8,	52.5,	33.8,	-9.2,	26.8,
3	19.8,	50.0,	40.5,	-17.3,	27.7,	4	19.8,	45.9,	45.9,	-24.9,	27.8,
5	19.8,	40.5,	50.0,	-31.7,	27.1,	6	19.8,	33.8,	52.5,	-37.6,	25.5,
7	10.7,	64.2,	64.2,	-40.6,	0.6,	8	10.7,	56.8,	56.8,	-36.9,	-0.9,
9	19.8,	17.6,	52.8,	-48.9,	16.4,	10	19.8,	26.1,	53.4,	-51.8,	12.3,
11	19.8,	33.8,	52.5,	-53.1,	7.7,	12	19.8,	40.5,	50.0,	-52.7,	3.0,
13	19.8,	45.9,	45.9,	-50.8,	-1.9,	14	19.8,	50.0,	40.5,	-47.3,	-6.7,
15	19.8,	52.5,	33.8,	-42.4,	-11.3,	16	19.8,	53.4,	26.1,	-36.2,	-15.6,
17	19.8,	52.8,	17.6,	-28.9,	-19.4,	18	19.8,	52.8,	17.6,	-25.2,	-22.5,
19	19.8,	53.4,	26.1,	-25.3,	-25.1,	20	19.8,	52.5,	33.8,	-24.6,	-26.8,
21	19.8,	50.0,	40.5,	-23.2,	-27.7,	22	19.8,	45.9,	45.9,	-21.0,	-27.8,
23	19.8,	40.5,	50.0,	-18.3,	-27.1,	24	19.8,	33.8,	52.5,	-14.9,	-25.5,
25	10.7,	64.2,	64.2,	-23.6,	-0.6,	26	10.7,	56.8,	56.8,	-19.9,	0.9,
27	19.8,	17.6,	52.8,	-3.8,	-16.4,	28	19.8,	26.1,	53.4,	-1.7,	-12.3,
29	19.8,	33.8,	52.5,	0.6,	-7.7,	30	19.8,	40.5,	50.0,	2.8,	-3.0,
31	19.8,	45.9,	45.9,	4.9,	1.9,	32	19.8,	50.0,	40.5,	6.8,	6.7,
33	19.8,	52.5,	33.8,	8.6,	11.3,	34	19.8,	53.4,	26.1,	10.1,	15.6,
35	19.8,	52.8,	17.6,	11.3,	19.4,	36	19.8,	52.8,	17.6,	7.6,	22.5,

SOURCE ID: BNSTCK10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-8.6,	31.6,	2	19.8,	52.5,	33.8,	-18.0,	32.0,
3	19.8,	50.0,	40.5,	-26.9,	31.3,	4	19.8,	45.9,	45.9,	-34.9,	29.6,
5	19.8,	40.5,	50.0,	-41.9,	27.1,	6	19.8,	33.8,	52.5,	-47.6,	23.8,
7	19.8,	26.1,	53.4,	-51.9,	19.7,	8	19.8,	17.6,	52.8,	-54.6,	15.0,
9	19.8,	17.6,	52.8,	-56.8,	9.9,	10	19.8,	26.1,	53.4,	-58.4,	4.5,

11	19.8,	33.8,	52.5,	-58.2,	-1.1,	12	19.8,	40.5,	50.0,	-56.2,	-6.6,
13	19.8,	45.9,	45.9,	-52.6,	-11.9,	14	19.8,	50.0,	40.5,	-47.3,	-16.9,
15	19.8,	52.5,	33.8,	-40.7,	-21.4,	16	19.8,	53.4,	26.1,	-32.7,	-25.2,
17	19.8,	52.8,	17.6,	-23.8,	-28.2,	18	19.8,	52.8,	17.6,	-18.7,	-30.4,
19	19.8,	53.4,	26.1,	-17.5,	-31.6,	20	19.8,	52.5,	33.8,	-15.8,	-32.0,
21	19.8,	50.0,	40.5,	-13.6,	-31.3,	22	19.8,	45.9,	45.9,	-11.0,	-29.6,
23	19.8,	40.5,	50.0,	-8.1,	-27.1,	24	19.8,	33.8,	52.5,	-4.9,	-23.8,
25	19.8,	26.1,	53.4,	-1.5,	-19.7,	26	19.8,	17.6,	52.8,	1.8,	-15.0,
27	19.8,	17.6,	52.8,	4.0,	-9.9,	28	19.8,	26.1,	53.4,	4.9,	-4.5,
29	19.8,	33.8,	52.5,	5.7,	1.1,	30	19.8,	40.5,	50.0,	6.3,	6.6,
31	19.8,	45.9,	45.9,	6.7,	11.9,	32	19.8,	50.0,	40.5,	6.9,	16.9,
33	19.8,	52.5,	33.8,	6.9,	21.4,	34	19.8,	53.4,	26.1,	6.7,	25.2,
35	19.8,	52.8,	17.6,	6.2,	28.2,	36	19.8,	52.8,	17.6,	1.1,	30.4,

SOURCE ID: CTNSTK11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-8.8,	-18.9,	2	19.8,	52.5,	33.8,	-9.4,	-17.9,
3	19.8,	50.0,	40.5,	-9.8,	-16.3,	4	19.8,	45.9,	45.9,	-9.8,	-14.2,
5	19.8,	40.5,	50.0,	-9.6,	-11.7,	6	19.8,	33.8,	52.5,	-9.1,	-8.9,
7	19.8,	26.1,	53.4,	-8.2,	-5.8,	8	19.8,	17.6,	52.8,	-7.2,	-2.5,
9	19.8,	17.6,	52.8,	-7.0,	0.9,	10	19.8,	26.1,	53.4,	-7.8,	4.3,
11	19.8,	33.8,	52.5,	-8.4,	7.5,	12	19.8,	40.5,	50.0,	-8.7,	10.5,
13	19.8,	45.9,	45.9,	-8.7,	13.1,	14	19.8,	50.0,	40.5,	-8.5,	15.4,
15	19.8,	52.5,	33.8,	-8.0,	17.2,	16	19.8,	53.4,	26.1,	-7.3,	18.5,
17	19.8,	52.8,	17.6,	-6.3,	19.2,	18	19.8,	52.8,	17.6,	-9.7,	19.3,
19	19.8,	53.4,	26.1,	-17.3,	18.9,	20	19.8,	52.5,	33.8,	-24.4,	17.9,
21	19.8,	50.0,	40.5,	-30.7,	16.3,	22	19.8,	45.9,	45.9,	-36.1,	14.2,
23	19.8,	40.5,	50.0,	-40.4,	11.7,	24	19.8,	33.8,	52.5,	-43.5,	8.9,
25	19.8,	26.1,	53.4,	-45.2,	5.8,	26	19.8,	17.6,	52.8,	-45.6,	2.5,
27	19.8,	17.6,	52.8,	-45.7,	-0.9,	28	19.8,	26.1,	53.4,	-45.6,	-4.3,
29	19.8,	33.8,	52.5,	-44.1,	-7.5,	30	19.8,	40.5,	50.0,	-41.3,	-10.5,
31	19.8,	45.9,	45.9,	-37.2,	-13.1,	32	19.8,	50.0,	40.5,	-32.0,	-15.4,
33	19.8,	52.5,	33.8,	-25.8,	-17.2,	34	19.8,	53.4,	26.1,	-18.8,	-18.5,
35	19.8,	52.8,	17.6,	-11.2,	-19.2,	36	19.8,	52.8,	17.6,	-7.9,	-19.3,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CTNSTK12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-12.2,	-5.1,	2	19.8,	52.5,	33.8,	-15.2,	-4.9,
3	19.8,	50.0,	40.5,	-17.7,	-4.6,	4	19.8,	45.9,	45.9,	-19.7,	-4.0,
5	19.8,	40.5,	50.0,	-21.1,	-3.4,	6	19.8,	33.8,	52.5,	-21.8,	-2.7,
7	19.8,	26.1,	53.4,	-21.9,	-1.9,	8	19.8,	17.6,	52.8,	-21.3,	-1.0,
9	19.8,	17.6,	52.8,	-21.2,	-0.1,	10	19.8,	26.1,	53.4,	-21.6,	0.8,
11	19.8,	33.8,	52.5,	-21.3,	1.7,	12	19.8,	40.5,	50.0,	-20.4,	2.5,
13	19.8,	45.9,	45.9,	-18.9,	3.3,	14	19.8,	50.0,	40.5,	-16.8,	3.9,
15	19.8,	52.5,	33.8,	-14.2,	4.4,	16	19.8,	53.4,	26.1,	-11.2,	4.8,
17	19.8,	52.8,	17.6,	-7.8,	5.1,	18	19.8,	52.8,	17.6,	-8.7,	5.2,
19	19.8,	53.4,	26.1,	-13.8,	5.1,	20	19.8,	52.5,	33.8,	-18.6,	4.9,
21	19.8,	50.0,	40.5,	-22.7,	4.6,	22	19.8,	45.9,	45.9,	-26.2,	4.0,
23	19.8,	40.5,	50.0,	-28.9,	3.4,	24	19.8,	33.8,	52.5,	-30.7,	2.7,
25	19.8,	26.1,	53.4,	-31.6,	1.9,	26	19.8,	17.6,	52.8,	-31.5,	1.0,
27	19.8,	17.6,	52.8,	-31.6,	0.1,	28	19.8,	26.1,	53.4,	-31.9,	-0.8,
29	19.8,	33.8,	52.5,	-31.2,	-1.7,	30	19.8,	40.5,	50.0,	-29.5,	-2.5,
31	19.8,	45.9,	45.9,	-27.0,	-3.3,	32	19.8,	50.0,	40.5,	-23.6,	-3.9,
33	19.8,	52.5,	33.8,	-19.6,	-4.4,	34	19.8,	53.4,	26.1,	-14.9,	-4.8,
35	19.8,	52.8,	17.6,	-9.8,	-5.1,	36	19.8,	52.8,	17.6,	-8.9,	-5.2,

SOURCE ID: CTNSTK13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-14.8,	5.7,	2	19.8,	52.5,	33.8,	-19.6,	5.3,
3	19.8,	50.0,	40.5,	-23.9,	4.7,	4	19.8,	45.9,	45.9,	-27.4,	4.0,
5	19.8,	40.5,	50.0,	-30.0,	3.2,	6	19.8,	33.8,	52.5,	-31.8,	2.3,
7	19.8,	26.1,	53.4,	-32.5,	1.3,	8	19.8,	17.6,	52.8,	-32.3,	0.3,
9	19.8,	17.6,	52.8,	-32.3,	-0.8,	10	19.8,	26.1,	53.4,	-32.4,	-1.8,
11	19.8,	33.8,	52.5,	-31.5,	-2.8,	12	19.8,	40.5,	50.0,	-29.7,	-3.6,
13	19.8,	45.9,	45.9,	-27.0,	-4.4,	14	19.8,	50.0,	40.5,	-23.4,	-5.0,
15	19.8,	52.5,	33.8,	-19.2,	-5.5,	16	19.8,	53.4,	26.1,	-14.3,	-5.8,
17	19.8,	52.8,	17.6,	-9.1,	-6.0,	18	19.8,	52.8,	17.6,	-8.0,	-5.9,
19	19.8,	53.4,	26.1,	-11.2,	-5.7,	20	19.8,	52.5,	33.8,	-14.1,	-5.3,
21	19.8,	50.0,	40.5,	-16.6,	-4.7,	22	19.8,	45.9,	45.9,	-18.6,	-4.0,
23	19.8,	40.5,	50.0,	-20.0,	-3.2,	24	19.8,	33.8,	52.5,	-20.7,	-2.3,
25	19.8,	26.1,	53.4,	-20.9,	-1.3,	26	19.8,	17.6,	52.8,	-20.4,	-0.3,
27	19.8,	17.6,	52.8,	-20.5,	0.8,	28	19.8,	26.1,	53.4,	-21.0,	1.8,
29	19.8,	33.8,	52.5,	-21.0,	2.8,	30	19.8,	40.5,	50.0,	-20.2,	3.6,
31	19.8,	45.9,	45.9,	-18.9,	4.4,	32	19.8,	50.0,	40.5,	-17.0,	5.0,
33	19.8,	52.5,	33.8,	-14.6,	5.5,	34	19.8,	53.4,	26.1,	-11.7,	5.8,
35	19.8,	52.8,	17.6,	-8.5,	6.0,	36	19.8,	52.8,	17.6,	-9.6,	5.9,

SOURCE ID: CTNSTK14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	19.8,	53.4,	26.1,	-17.7,	16.1,	2	19.8,	52.5,	33.8,	-24.3,	15.1,
3	19.8,	50.0,	40.5,	-30.1,	13.6,	4	19.8,	45.9,	45.9,	-35.0,	11.6,
5	19.8,	40.5,	50.0,	-38.9,	9.4,	6	19.8,	33.8,	52.5,	-41.6,	6.8,
7	19.8,	26.1,	53.4,	-43.0,	4.0,	8	19.8,	17.6,	52.8,	-43.1,	1.1,
9	19.8,	17.6,	52.8,	-43.1,	-1.8,	10	19.8,	26.1,	53.4,	-42.8,	-4.7,

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  11   19.8,   33.8,   52.5,  -41.3,   -7.4,     12   19.8,   40.5,   50.0,  -38.5,   -9.9,
  13   19.8,   45.9,   45.9,  -34.6,  -12.1,     14   19.8,   50.0,   40.5,  -29.6,  -13.9,
  15   19.8,   52.5,   33.8,  -23.7,  -15.4,     16   19.8,   53.4,   26.1,  -17.1,  -16.3,
  17   19.8,   52.8,   17.6,   -9.9,  -16.8,     18   19.8,   52.8,   17.6,   -7.0,  -16.7,
  19   19.8,   53.4,   26.1,   -8.4,  -16.1,     20   19.8,   52.5,   33.8,   -9.5,  -15.1,
  21   19.8,   50.0,   40.5,  -10.3,  -13.6,     22   19.8,   45.9,   45.9,  -10.9,  -11.6,
  23   19.8,   40.5,   50.0,  -11.1,   -9.4,     24   19.8,   33.8,   52.5,  -10.9,   -6.8,
  25   19.8,   26.1,   53.4,  -10.4,   -4.0,     26   19.8,   17.6,   52.8,   -9.6,   -1.1,
  27   19.8,   17.6,   52.8,   -9.7,    1.8,     28   19.8,   26.1,   53.4,  -10.6,    4.7,
  29   19.8,   33.8,   52.5,  -11.2,    7.4,     30   19.8,   40.5,   50.0,  -11.4,    9.9,
  31   19.8,   45.9,   45.9,  -11.3,   12.1,     32   19.8,   50.0,   40.5,  -10.9,   13.9,
  33   19.8,   52.5,   33.8,  -10.1,   15.4,     34   19.8,   53.4,   26.1,   -9.0,   16.3,
  35   19.8,   52.8,   17.6,   -7.6,   16.8,     36   19.8,   52.8,   17.6,  -10.6,   16.7,


SOURCE ID: DBSTCK15
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ    YADJ
   1   19.8,   53.4,   26.1,   -7.7,   23.8,      2   19.8,   52.5,   33.8,  -15.8,   24.4,
   3   19.8,   50.0,   40.5,  -23.4,   24.2,      4   19.8,   45.9,   45.9,  -30.3,   23.3,
   5   19.8,   40.5,   50.0,  -36.2,   21.7,      6   19.8,   33.8,   52.5,  -41.1,   19.4,
   7   19.8,   26.1,   53.4,  -44.7,   16.5,      8   19.8,   17.6,   52.8,  -47.0,   13.1,
   9   19.8,   17.6,   52.8,  -48.9,    9.4,     10   19.8,   26.1,   53.4,  -50.5,    5.3,
  11   19.8,   33.8,   52.5,  -50.6,    1.1,     12   19.8,   40.5,   50.0,  -49.2,   -3.2,
  13   19.8,   45.9,   45.9,  -46.2,   -7.3,     14   19.8,   50.0,   40.5,  -41.9,  -11.3,
  15   19.8,   52.5,   33.8,  -36.3,  -14.9,     16   19.8,   53.4,   26.1,  -29.5,  -18.0,
  17   19.8,   52.8,   17.6,  -21.9,  -20.6,     18   19.8,   52.8,   17.6,  -18.1,  -22.5,
  19   19.8,   53.4,   26.1,  -18.3,  -23.8,     20   19.8,   52.5,   33.8,  -18.0,  -24.4,
  21   19.8,   50.0,   40.5,  -17.0,  -24.2,     22   19.8,   45.9,   45.9,  -15.6,  -23.3,
  23   19.8,   40.5,   50.0,  -13.7,  -21.7,     24   19.8,   33.8,   52.5,  -11.4,  -19.4,
  25   19.8,   26.1,   53.4,   -8.7,  -16.5,     26   19.8,   17.6,   52.8,   -5.8,  -13.1,
  27   19.8,   17.6,   52.8,   -3.8,   -9.4,     28   19.8,   26.1,   53.4,   -2.9,   -5.3,
  29   19.8,   33.8,   52.5,   -1.9,   -1.1,     30   19.8,   40.5,   50.0,   -0.8,    3.2,
  31   19.8,   45.9,   45.9,    0.3,    7.3,     32   19.8,   50.0,   40.5,    1.4,   11.3,
  33   19.8,   52.5,   33.8,    2.5,   14.9,     34   19.8,   53.4,   26.1,    3.5,   18.0,
  35   19.8,   52.8,   17.6,    4.3,   20.6,     36   19.8,   52.8,   17.6,    0.6,   22.5,
```

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 *** AERMOD - VERSION 07026 ***    *** LAX CUP Operation                                                    ***        07/06/09
                                   *** New CUP Sources - Normalized Emission Rates                          ***        19:10:53
**MODELOPTs:                                                                                                            PAGE   6
CONC                        DFAULT ELEV   FLGPOL


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

    ( 372248.5, 3757611.8,       0.0,       0.0,       1.8);         ( 372498.5, 3757611.8,       0.0,       0.0,       1.8);
    ( 372248.5, 3757861.8,       0.0,       0.0,       1.8);         ( 372498.5, 3757861.8,       0.0,       0.0,       1.8);
    ( 372248.5, 3758111.8,       0.0,       0.0,       1.8);         ( 372498.5, 3758111.8,       0.0,       0.0,       1.8);
    ( 372248.5, 3758361.8,       0.0,       0.0,       1.8);         ( 372498.5, 3758361.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3755334.8,       0.0,       0.0,       1.8);         ( 374092.8, 3755334.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3755709.8,       0.0,       0.0,       1.8);         ( 374092.8, 3755709.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3756084.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756084.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3756459.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756459.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3756834.8,       0.0,       0.0,       1.8);         ( 374092.8, 3756834.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3757209.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757209.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3757584.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757584.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3757959.8,       0.0,       0.0,       1.8);         ( 374092.8, 3757959.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3758334.8,       0.0,       0.0,       1.8);         ( 374092.8, 3758334.8,       0.0,       0.0,       1.8);
    ( 373792.8, 3758709.8,       0.0,       0.0,       1.8);         ( 374092.8, 3758709.8,       0.0,       0.0,       1.8);
    ( 370479.0, 3756653.8,       0.0,       0.0,       1.8);         ( 367277.9, 3755613.5,       0.0,       0.0,       1.8);
    ( 367231.2, 3755721.8,       0.0,       0.0,       1.8);         ( 367184.6, 3755830.0,       0.0,       0.0,       1.8);
    ( 367138.0, 3755938.2,       0.0,       0.0,       1.8);         ( 367091.3, 3756046.5,       0.0,       0.0,       1.8);
    ( 367048.1, 3756146.8,       0.0,       0.0,       1.8);         ( 367004.8, 3756247.2,       0.0,       0.0,       1.8);
    ( 366961.6, 3756347.5,       0.0,       0.0,       1.8);         ( 366917.7, 3756449.5,       0.0,       0.0,       1.8);
    ( 366873.8, 3756551.2,       0.0,       0.0,       1.8);         ( 366829.9, 3756653.0,       0.0,       0.0,       1.8);
    ( 366840.2, 3756684.5,       0.0,       0.0,       1.8);         ( 366889.6, 3756713.5,       0.0,       0.0,       1.8);
    ( 366879.0, 3756682.8,       0.0,       0.0,       1.8);         ( 366852.2, 3756751.0,       0.0,       0.0,       1.8);
    ( 366883.6, 3756736.5,       0.0,       0.0,       1.8);         ( 366820.8, 3756715.0,       0.0,       0.0,       1.8);
    ( 366790.1, 3756728.0,       0.0,       0.0,       1.8);         ( 366745.0, 3756823.2,       0.0,       0.0,       1.8);
    ( 366699.8, 3756918.5,       0.0,       0.0,       1.8);         ( 366654.7, 3757013.8,       0.0,       0.0,       1.8);
    ( 366607.7, 3757113.0,       0.0,       0.0,       1.8);         ( 366560.6, 3757212.0,       0.0,       0.0,       1.8);
    ( 366513.6, 3757311.2,       0.0,       0.0,       1.8);         ( 366464.2, 3757415.8,       0.0,       0.0,       1.8);
    ( 366414.7, 3757520.0,       0.0,       0.0,       1.8);         ( 366434.0, 3757555.5,       0.0,       0.0,       1.8);
    ( 366483.7, 3757562.0,       0.0,       0.0,       1.8);         ( 366566.7, 3757525.0,       0.0,       0.0,       1.8);
    ( 366620.6, 3757538.5,       0.0,       0.0,       1.8);         ( 366646.4, 3757555.5,       0.0,       0.0,       1.8);
    ( 366712.8, 3757550.2,       0.0,       0.0,       1.8);         ( 366779.1, 3757544.8,       0.0,       0.0,       1.8);
    ( 366838.8, 3757582.5,       0.0,       0.0,       1.8);         ( 366912.6, 3757623.2,       0.0,       0.0,       1.8);
    ( 366986.5, 3757664.2,       0.0,       0.0,       1.8);         ( 367074.3, 3757712.8,       0.0,       0.0,       1.8);
    ( 367162.2, 3757761.2,       0.0,       0.0,       1.8);         ( 367299.8, 3757717.8,       0.0,       0.0,       1.8);
    ( 367384.9, 3757734.0,       0.0,       0.0,       1.8);         ( 367397.6, 3757757.5,       0.0,       0.0,       1.8);
    ( 367505.6, 3757818.0,       0.0,       0.0,       1.8);         ( 367532.8, 3757826.0,       0.0,       0.0,       1.8);
    ( 367561.1, 3757814.0,       0.0,       0.0,       1.8);         ( 367596.0, 3757751.5,       0.0,       0.0,       1.8);
    ( 367631.0, 3757689.0,       0.0,       0.0,       1.8);         ( 367694.1, 3757685.0,       0.0,       0.0,       1.8);
    ( 367749.9, 3757720.5,       0.0,       0.0,       1.8);         ( 367785.5, 3757841.8,       0.0,       0.0,       1.8);
    ( 367782.1, 3757935.0,       0.0,       0.0,       1.8);         ( 367752.1, 3757968.5,       0.0,       0.0,       1.8);
    ( 367775.2, 3758021.2,       0.0,       0.0,       1.8);         ( 367807.9, 3758034.0,       0.0,       0.0,       1.8);
    ( 367866.1, 3758009.2,       0.0,       0.0,       1.8);         ( 367924.2, 3757984.5,       0.0,       0.0,       1.8);
    ( 367938.2, 3757954.0,       0.0,       0.0,       1.8);         ( 367928.4, 3757922.8,       0.0,       0.0,       1.8);
    ( 367914.6, 3757953.2,       0.0,       0.0,       1.8);         ( 368016.7, 3757908.2,       0.0,       0.0,       1.8);
    ( 368118.8, 3757863.2,       0.0,       0.0,       1.8);         ( 368180.1, 3757838.5,       0.0,       0.0,       1.8);
```

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

```
( 368242.1, 3757813.5,       0.0,       0.0,       1.8);         ( 368317.8, 3757784.8,       0.0,       0.0,       1.8);
( 368406.7, 3757787.8,       0.0,       0.0,       1.8);         ( 368504.9, 3757788.8,       0.0,       0.0,       1.8);
( 368603.1, 3757790.0,       0.0,       0.0,       1.8);         ( 368628.4, 3757765.2,       0.0,       0.0,       1.8);
( 368675.9, 3757781.0,       0.0,       0.0,       1.8);         ( 368758.8, 3757821.0,       0.0,       0.0,       1.8);
( 368838.9, 3757871.5,       0.0,       0.0,       1.8);         ( 368921.4, 3757923.5,       0.0,       0.0,       1.8);
( 369003.8, 3757975.5,       0.0,       0.0,       1.8);         ( 369037.7, 3757968.8,       0.0,       0.0,       1.8);
( 369100.8, 3757878.2,       0.0,       0.0,       1.8);         ( 369067.2, 3757885.2,       0.0,       0.0,       1.8);
( 369139.0, 3757929.5,       0.0,       0.0,       1.8);         ( 369210.9, 3757973.8,       0.0,       0.0,       1.8);
( 369243.2, 3757968.2,       0.0,       0.0,       1.8);         ( 369304.8, 3757894.2,       0.0,       0.0,       1.8);
( 369366.4, 3757820.0,       0.0,       0.0,       1.8);         ( 369436.4, 3757793.5,       0.0,       0.0,       1.8);
( 369435.2, 3757759.8,       0.0,       0.0,       1.8);         ( 369250.6, 3758016.8,       0.0,       0.0,       1.8);
( 369343.9, 3758082.5,       0.0,       0.0,       1.8);         ( 369437.2, 3758148.2,       0.0,       0.0,       1.8);
( 369429.4, 3758217.5,       0.0,       0.0,       1.8);         ( 369432.2, 3758306.2,       0.0,       0.0,       1.8);
( 369435.0, 3758395.0,       0.0,       0.0,       1.8);         ( 369460.0, 3758419.2,       0.0,       0.0,       1.8);
( 369558.2, 3758419.2,       0.0,       0.0,       1.8);         ( 369656.5, 3758419.2,       0.0,       0.0,       1.8);
( 369754.8, 3758419.2,       0.0,       0.0,       1.8);         ( 369853.1, 3758419.2,       0.0,       0.0,       1.8);
( 369878.1, 3758394.0,       0.0,       0.0,       1.8);         ( 369877.2, 3758288.8,       0.0,       0.0,       1.8);
( 369876.3, 3758183.2,       0.0,       0.0,       1.8);         ( 369962.5, 3758103.0,       0.0,       0.0,       1.8);
( 370074.5, 3758103.0,       0.0,       0.0,       1.8);         ( 370186.6, 3758103.0,       0.0,       0.0,       1.8);
( 370298.6, 3758103.2,       0.0,       0.0,       1.8);         ( 370323.6, 3758078.0,       0.0,       0.0,       1.8);
( 370381.4, 3757991.0,       0.0,       0.0,       1.8);         ( 370435.4, 3758019.2,       0.0,       0.0,       1.8);
( 370499.3, 3758049.8,       0.0,       0.0,       1.8);         ( 370485.2, 3758025.2,       0.0,       0.0,       1.8);
( 370480.7, 3758086.0,       0.0,       0.0,       1.8);         ( 370505.5, 3758112.8,       0.0,       0.0,       1.8);
( 370600.7, 3758113.2,       0.0,       0.0,       1.8);         ( 370695.9, 3758113.5,       0.0,       0.0,       1.8);
( 370791.1, 3758113.8,       0.0,       0.0,       1.8);         ( 370886.3, 3758114.0,       0.0,       0.0,       1.8);
( 370911.4, 3758089.0,       0.0,       0.0,       1.8);         ( 370911.0, 3757976.0,       0.0,       0.0,       1.8);
( 370910.5, 3757863.2,       0.0,       0.0,       1.8);         ( 370910.1, 3757750.5,       0.0,       0.0,       1.8);
( 370930.1, 3757711.8,       0.0,       0.0,       1.8);         ( 370960.9, 3757689.2,       0.0,       0.0,       1.8);
( 371046.5, 3757692.5,       0.0,       0.0,       1.8);         ( 371070.8, 3757667.5,       0.0,       0.0,       1.8);
( 371071.3, 3757585.2,       0.0,       0.0,       1.8);         ( 371046.9, 3757610.0,       0.0,       0.0,       1.8);
( 371122.2, 3757608.5,       0.0,       0.0,       1.8);         ( 371099.5, 3757595.0,       0.0,       0.0,       1.8);
( 371134.9, 3757663.2,       0.0,       0.0,       1.8);         ( 371170.4, 3757731.8,       0.0,       0.0,       1.8);
( 371239.9, 3757782.8,       0.0,       0.0,       1.8);         ( 371263.7, 3757807.5,       0.0,       0.0,       1.8);
( 371372.4, 3757807.2,       0.0,       0.0,       1.8);         ( 371385.3, 3757826.8,       0.0,       0.0,       1.8);
( 371485.0, 3757895.2,       0.0,       0.0,       1.8);         ( 371584.7, 3757963.8,       0.0,       0.0,       1.8);
( 371684.4, 3758032.2,       0.0,       0.0,       1.8);         ( 371784.2, 3758100.8,       0.0,       0.0,       1.8);
( 371818.3, 3758095.2,       0.0,       0.0,       1.8);         ( 371873.2, 3758021.8,       0.0,       0.0,       1.8);
( 371928.2, 3757948.5,       0.0,       0.0,       1.8);         ( 371969.3, 3757946.2,       0.0,       0.0,       1.8);
( 371989.2, 3757923.8,       0.0,       0.0,       1.8);         ( 371995.1, 3757843.2,       0.0,       0.0,       1.8);
( 371969.4, 3757866.5,       0.0,       0.0,       1.8);         ( 372022.5, 3757868.2,       0.0,       0.0,       1.8);
( 372048.3, 3757843.0,       0.0,       0.0,       1.8);         ( 372047.2, 3757745.8,       0.0,       0.0,       1.8);
( 372046.0, 3757648.5,       0.0,       0.0,       1.8);         ( 372044.9, 3757551.2,       0.0,       0.0,       1.8);
( 372040.5, 3757447.8,       0.0,       0.0,       1.8);         ( 372036.1, 3757345.0,       0.0,       0.0,       1.8);
( 372031.8, 3757242.0,       0.0,       0.0,       1.8);         ( 372027.4, 3757139.2,       0.0,       0.0,       1.8);
( 372002.6, 3757115.2,       0.0,       0.0,       1.8);         ( 371880.5, 3757114.2,       0.0,       0.0,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
( 371758.5, 3757113.2,       0.0,       0.0,       1.8);         ( 371636.4, 3757112.2,       0.0,       0.0,       1.8);
( 371514.3, 3757111.2,       0.0,       0.0,       1.8);         ( 371394.4, 3757110.2,       0.0,       0.0,       1.8);
( 371274.5, 3757109.5,       0.0,       0.0,       1.8);         ( 371154.6, 3757108.5,       0.0,       0.0,       1.8);
( 371034.8, 3757107.5,       0.0,       0.0,       1.8);         ( 371059.6, 3757132.5,       0.0,       0.0,       1.8);
( 371059.4, 3757085.2,       0.0,       0.0,       1.8);         ( 371034.3, 3757060.2,       0.0,       0.0,       1.8);
( 370944.2, 3757060.8,       0.0,       0.0,       1.8);         ( 370854.1, 3757061.2,       0.0,       0.0,       1.8);
( 370764.0, 3757062.0,       0.0,       0.0,       1.8);         ( 370789.2, 3757086.0,       0.0,       0.0,       1.8);
( 370785.8, 3756996.2,       0.0,       0.0,       1.8);         ( 370782.4, 3756906.5,       0.0,       0.0,       1.8);
( 370779.0, 3756816.8,       0.0,       0.0,       1.8);         ( 370754.9, 3756842.8,       0.0,       0.0,       1.8);
( 370847.4, 3756839.2,       0.0,       0.0,       1.8);         ( 370939.9, 3756835.8,       0.0,       0.0,       1.8);
( 371032.4, 3756832.2,       0.0,       0.0,       1.8);         ( 371056.4, 3756808.8,       0.0,       0.0,       1.8);
( 371058.1, 3756781.8,       0.0,       0.0,       1.8);         ( 371033.7, 3756805.2,       0.0,       0.0,       1.8);
( 371146.2, 3756802.8,       0.0,       0.0,       1.8);         ( 371258.7, 3756800.2,       0.0,       0.0,       1.8);
( 371371.2, 3756797.8,       0.0,       0.0,       1.8);         ( 371483.6, 3756795.2,       0.0,       0.0,       1.8);
( 371595.0, 3756793.0,       0.0,       0.0,       1.8);         ( 371706.4, 3756790.5,       0.0,       0.0,       1.8);
( 371817.8, 3756788.0,       0.0,       0.0,       1.8);         ( 371932.1, 3756785.5,       0.0,       0.0,       1.8);
( 372046.4, 3756783.0,       0.0,       0.0,       1.8);         ( 372160.7, 3756780.2,       0.0,       0.0,       1.8);
( 372275.0, 3756777.8,       0.0,       0.0,       1.8);         ( 372384.7, 3756775.5,       0.0,       0.0,       1.8);
( 372494.5, 3756773.0,       0.0,       0.0,       1.8);         ( 372604.2, 3756770.5,       0.0,       0.0,       1.8);
( 372714.0, 3756768.0,       0.0,       0.0,       1.8);         ( 372738.4, 3756741.8,       0.0,       0.0,       1.8);
( 372733.0, 3756646.5,       0.0,       0.0,       1.8);         ( 372819.6, 3756573.8,       0.0,       0.0,       1.8);
( 372843.8, 3756547.8,       0.0,       0.0,       1.8);         ( 372839.4, 3756453.8,       0.0,       0.0,       1.8);
( 372821.2, 3756362.5,       0.0,       0.0,       1.8);         ( 372795.6, 3756342.5,       0.0,       0.0,       1.8);
( 372731.3, 3756327.8,       0.0,       0.0,       1.8);         ( 372707.2, 3756351.8,       0.0,       0.0,       1.8);
( 372928.0, 3756344.0,       0.0,       0.0,       1.8);         ( 372952.1, 3756318.8,       0.0,       0.0,       1.8);
( 372951.2, 3756244.8,       0.0,       0.0,       1.8);         ( 372926.7, 3756270.0,       0.0,       0.0,       1.8);
( 373032.8, 3756268.0,       0.0,       0.0,       1.8);         ( 373138.9, 3756266.2,       0.0,       0.0,       1.8);
( 373245.0, 3756264.2,       0.0,       0.0,       1.8);         ( 373351.1, 3756262.2,       0.0,       0.0,       1.8);
( 373457.2, 3756260.5,       0.0,       0.0,       1.8);         ( 373481.8, 3756235.0,       0.0,       0.0,       1.8);
( 373480.3, 3756122.5,       0.0,       0.0,       1.8);         ( 373478.9, 3756009.8,       0.0,       0.0,       1.8);
( 373477.4, 3755897.2,       0.0,       0.0,       1.8);         ( 373475.9, 3755784.5,       0.0,       0.0,       1.8);
( 373474.5, 3755672.0,       0.0,       0.0,       1.8);         ( 373473.0, 3755559.2,       0.0,       0.0,       1.8);
( 373447.0, 3755534.8,       0.0,       0.0,       1.8);         ( 373334.2, 3755539.2,       0.0,       0.0,       1.8);
( 373221.5, 3755543.8,       0.0,       0.0,       1.8);         ( 373197.5, 3755568.2,       0.0,       0.0,       1.8);
( 373195.9, 3755636.2,       0.0,       0.0,       1.8);         ( 373194.3, 3755704.5,       0.0,       0.0,       1.8);
( 373219.6, 3755680.0,       0.0,       0.0,       1.8);         ( 373134.9, 3755679.0,       0.0,       0.0,       1.8);
( 373159.7, 3755703.5,       0.0,       0.0,       1.8);         ( 373157.9, 3755634.8,       0.0,       0.0,       1.8);
( 373156.2, 3755566.0,       0.0,       0.0,       1.8);         ( 373132.5, 3755541.8,       0.0,       0.0,       1.8);
( 373055.3, 3755537.8,       0.0,       0.0,       1.8);         ( 373079.1, 3755562.2,       0.0,       0.0,       1.8);
( 373077.1, 3755465.0,       0.0,       0.0,       1.8);         ( 373075.2, 3755368.0,       0.0,       0.0,       1.8);
( 373073.2, 3755270.8,       0.0,       0.0,       1.8);         ( 373071.2, 3755173.5,       0.0,       0.0,       1.8);
( 373046.0, 3755149.0,       0.0,       0.0,       1.8);         ( 372939.1, 3755150.0,       0.0,       0.0,       1.8);
( 372832.2, 3755151.0,       0.0,       0.0,       1.8);         ( 372725.2, 3755152.0,       0.0,       0.0,       1.8);
( 372622.8, 3755157.2,       0.0,       0.0,       1.8);         ( 372527.3, 3755158.0,       0.0,       0.0,       1.8);
( 372430.7, 3755159.0,       0.0,       0.0,       1.8);         ( 372334.1, 3755159.8,       0.0,       0.0,       1.8);
```

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

```
( 372237.5, 3755160.5,       0.0,       0.0,       1.8);         ( 372138.8, 3755161.2,       0.0,       0.0,       1.8);
( 372040.1, 3755162.2,       0.0,       0.0,       1.8);         ( 371941.5, 3755163.0,       0.0,       0.0,       1.8);
( 371842.8, 3755163.8,       0.0,       0.0,       1.8);         ( 371747.7, 3755164.5,       0.0,       0.0,       1.8);
( 371652.7, 3755165.2,       0.0,       0.0,       1.8);         ( 371557.6, 3755166.2,       0.0,       0.0,       1.8);
( 371462.6, 3755167.0,       0.0,       0.0,       1.8);         ( 371359.2, 3755167.8,       0.0,       0.0,       1.8);
( 371255.7, 3755168.8,       0.0,       0.0,       1.8);         ( 371152.2, 3755169.5,       0.0,       0.0,       1.8);
( 371048.8, 3755170.5,       0.0,       0.0,       1.8);         ( 371024.1, 3755196.5,       0.0,       0.0,       1.8);
( 371027.7, 3755273.2,       0.0,       0.0,       1.8);         ( 371031.3, 3755350.2,       0.0,       0.0,       1.8);
( 371019.9, 3755375.5,       0.0,       0.0,       1.8);         ( 371017.9, 3755470.0,       0.0,       0.0,       1.8);
( 371017.4, 3755556.2,       0.0,       0.0,       1.8);         ( 371040.3, 3755531.5,       0.0,       0.0,       1.8);
( 371026.0, 3755420.2,       0.0,       0.0,       1.8);         ( 371015.6, 3755399.0,       0.0,       0.0,       1.8);
( 370915.8, 3755327.2,       0.0,       0.0,       1.8);         ( 370816.0, 3755255.2,       0.0,       0.0,       1.8);
( 370736.6, 3755243.8,       0.0,       0.0,       1.8);         ( 370669.2, 3755237.0,       0.0,       0.0,       1.8);
( 370571.1, 3755237.2,       0.0,       0.0,       1.8);         ( 370475.6, 3755237.8,       0.0,       0.0,       1.8);
( 370380.1, 3755238.2,       0.0,       0.0,       1.8);         ( 370278.7, 3755239.0,       0.0,       0.0,       1.8);
( 370177.2, 3755239.5,       0.0,       0.0,       1.8);         ( 370075.7, 3755240.0,       0.0,       0.0,       1.8);
( 369979.4, 3755240.5,       0.0,       0.0,       1.8);         ( 369883.1, 3755241.0,       0.0,       0.0,       1.8);
( 369786.8, 3755241.5,       0.0,       0.0,       1.8);         ( 369690.5, 3755242.0,       0.0,       0.0,       1.8);
( 369594.2, 3755242.8,       0.0,       0.0,       1.8);         ( 369497.9, 3755243.2,       0.0,       0.0,       1.8);
( 369396.4, 3755243.8,       0.0,       0.0,       1.8);         ( 369294.9, 3755244.2,       0.0,       0.0,       1.8);
( 369193.4, 3755244.8,       0.0,       0.0,       1.8);         ( 369092.0, 3755245.2,       0.0,       0.0,       1.8);
( 368990.5, 3755246.0,       0.0,       0.0,       1.8);         ( 368889.0, 3755246.5,       0.0,       0.0,       1.8);
( 368782.4, 3755247.0,       0.0,       0.0,       1.8);         ( 368675.8, 3755247.5,       0.0,       0.0,       1.8);
( 368569.1, 3755248.2,       0.0,       0.0,       1.8);         ( 368471.0, 3755248.8,       0.0,       0.0,       1.8);
( 368372.8, 3755249.2,       0.0,       0.0,       1.8);         ( 368274.7, 3755249.8,       0.0,       0.0,       1.8);
( 368166.5, 3755229.8,       0.0,       0.0,       1.8);         ( 368053.7, 3755209.2,       0.0,       0.0,       1.8);
( 367940.9, 3755188.5,       0.0,       0.0,       1.8);         ( 367824.0, 3755184.8,       0.0,       0.0,       1.8);
( 367710.8, 3755181.2,       0.0,       0.0,       1.8);         ( 367597.6, 3755177.5,       0.0,       0.0,       1.8);
( 367484.4, 3755174.0,       0.0,       0.0,       1.8);         ( 367460.7, 3755189.2,       0.0,       0.0,       1.8);
( 367415.0, 3755295.2,       0.0,       0.0,       1.8);         ( 367369.3, 3755401.2,       0.0,       0.0,       1.8);
( 367323.6, 3755507.2,       0.0,       0.0,       1.8);         ( 367483.7, 3755199.0,       0.0,       0.0,       1.8);
( 367300.9, 3755623.2,       0.0,       0.0,       1.8);         ( 367114.3, 3756056.2,       0.0,       0.0,       1.8);
( 366984.5, 3756357.5,       0.0,       0.0,       1.8);         ( 366852.9, 3756663.0,       0.0,       0.0,       1.8);
( 366902.3, 3756692.0,       0.0,       0.0,       1.8);         ( 366875.5, 3756760.0,       0.0,       0.0,       1.8);
( 366812.7, 3756738.5,       0.0,       0.0,       1.8);         ( 366677.2, 3757024.5,       0.0,       0.0,       1.8);
( 366536.2, 3757322.0,       0.0,       0.0,       1.8);         ( 366437.3, 3757530.8,       0.0,       0.0,       1.8);
( 366486.9, 3757537.2,       0.0,       0.0,       1.8);         ( 366623.9, 3757468.0,       0.0,       0.0,       1.8);
( 366644.4, 3757530.8,       0.0,       0.0,       1.8);         ( 366777.1, 3757519.8,       0.0,       0.0,       1.8);
( 366998.6, 3757642.2,       0.0,       0.0,       1.8);         ( 367174.2, 3757739.5,       0.0,       0.0,       1.8);
( 367290.7, 3757694.2,       0.0,       0.0,       1.8);         ( 367412.7, 3757694.8,       0.0,       0.0,       1.8);
( 367409.8, 3757735.8,       0.0,       0.0,       1.8);         ( 367517.8, 3757796.2,       0.0,       0.0,       1.8);
( 367539.2, 3757802.0,       0.0,       0.0,       1.8);         ( 367609.1, 3757676.8,       0.0,       0.0,       1.8);
( 367769.1, 3757644.2,       0.0,       0.0,       1.8);         ( 367774.8, 3757718.5,       0.0,       0.0,       1.8);
( 367809.5, 3757834.5,       0.0,       0.0,       1.8);         ( 367807.1, 3757935.5,       0.0,       0.0,       1.8);
( 367774.9, 3757958.5,       0.0,       0.0,       1.8);         ( 367798.1, 3758011.0,       0.0,       0.0,       1.8);
```


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

```
( 367914.4, 3757961.5,       0.0,       0.0,       1.8);         ( 367904.5, 3757930.2,       0.0,       0.0,       1.8);
( 368108.7, 3757840.2,       0.0,       0.0,       1.8);         ( 368232.8, 3757790.2,       0.0,       0.0,       1.8);
( 368308.9, 3757761.5,       0.0,       0.0,       1.8);         ( 368603.4, 3757765.0,       0.0,       0.0,       1.8);
( 368603.8, 3757718.5,       0.0,       0.0,       1.8);         ( 368769.7, 3757798.5,       0.0,       0.0,       1.8);
( 369017.2, 3757954.2,       0.0,       0.0,       1.8);         ( 369080.3, 3757864.0,       0.0,       0.0,       1.8);
( 369224.0, 3757952.2,       0.0,       0.0,       1.8);         ( 369408.7, 3757730.0,       0.0,       0.0,       1.8);
( 369454.2, 3757776.0,       0.0,       0.0,       1.8);         ( 369265.0, 3757996.5,       0.0,       0.0,       1.8);
( 369451.6, 3758128.0,       0.0,       0.0,       1.8);         ( 369460.0, 3758394.2,       0.0,       0.0,       1.8);
( 369853.1, 3758394.2,       0.0,       0.0,       1.8);         ( 369850.4, 3758078.0,       0.0,       0.0,       1.8);
( 370298.6, 3758078.2,       0.0,       0.0,       1.8);         ( 370297.5, 3757962.8,       0.0,       0.0,       1.8);
( 370382.3, 3757966.0,       0.0,       0.0,       1.8);         ( 370510.1, 3758027.2,       0.0,       0.0,       1.8);
( 370505.6, 3758087.8,       0.0,       0.0,       1.8);         ( 370886.4, 3758089.0,       0.0,       0.0,       1.8);
( 370885.1, 3757750.5,       0.0,       0.0,       1.8);         ( 370907.3, 3757701.5,       0.0,       0.0,       1.8);
( 370944.9, 3757670.0,       0.0,       0.0,       1.8);         ( 371045.8, 3757667.5,       0.0,       0.0,       1.8);
( 371046.3, 3757585.0,       0.0,       0.0,       1.8);         ( 371121.7, 3757583.5,       0.0,       0.0,       1.8);
( 371192.6, 3757720.2,       0.0,       0.0,       1.8);         ( 371254.0, 3757762.2,       0.0,       0.0,       1.8);
( 371263.7, 3757782.5,       0.0,       0.0,       1.8);         ( 371372.3, 3757782.2,       0.0,       0.0,       1.8);
( 371399.4, 3757806.2,       0.0,       0.0,       1.8);         ( 371798.3, 3758080.2,       0.0,       0.0,       1.8);
( 371908.2, 3757933.5,       0.0,       0.0,       1.8);         ( 371964.2, 3757921.8,       0.0,       0.0,       1.8);
( 371970.2, 3757841.5,       0.0,       0.0,       1.8);         ( 372023.3, 3757843.2,       0.0,       0.0,       1.8);
( 372019.9, 3757551.5,       0.0,       0.0,       1.8);         ( 372002.4, 3757140.2,       0.0,       0.0,       1.8);
( 371514.1, 3757136.2,       0.0,       0.0,       1.8);         ( 371034.6, 3757132.5,       0.0,       0.0,       1.8);
( 371034.4, 3757085.2,       0.0,       0.0,       1.8);         ( 370764.2, 3757087.0,       0.0,       0.0,       1.8);
( 370754.0, 3756817.8,       0.0,       0.0,       1.8);         ( 371031.5, 3756807.2,       0.0,       0.0,       1.8);
( 371033.1, 3756780.2,       0.0,       0.0,       1.8);         ( 371483.1, 3756770.2,       0.0,       0.0,       1.8);
( 371817.2, 3756763.0,       0.0,       0.0,       1.8);         ( 372274.4, 3756752.8,       0.0,       0.0,       1.8);
( 372713.4, 3756743.0,       0.0,       0.0,       1.8);         ( 372702.6, 3756552.5,       0.0,       0.0,       1.8);
( 372818.8, 3756548.8,       0.0,       0.0,       1.8);         ( 372814.4, 3756455.0,       0.0,       0.0,       1.8);
( 372796.8, 3756367.5,       0.0,       0.0,       1.8);         ( 372704.8, 3756371.5,       0.0,       0.0,       1.8);
( 372706.3, 3756326.8,       0.0,       0.0,       1.8);         ( 372927.1, 3756319.2,       0.0,       0.0,       1.8);
( 372926.2, 3756245.0,       0.0,       0.0,       1.8);         ( 373456.8, 3756235.5,       0.0,       0.0,       1.8);
( 373448.0, 3755559.8,       0.0,       0.0,       1.8);         ( 373222.5, 3755568.8,       0.0,       0.0,       1.8);
( 373219.3, 3755705.0,       0.0,       0.0,       1.8);         ( 373134.7, 3755704.0,       0.0,       0.0,       1.8);
( 373131.2, 3755566.8,       0.0,       0.0,       1.8);         ( 373054.1, 3755562.8,       0.0,       0.0,       1.8);
( 373046.2, 3755174.0,       0.0,       0.0,       1.8);         ( 372725.5, 3755177.0,       0.0,       0.0,       1.8);
( 372624.1, 3755182.2,       0.0,       0.0,       1.8);         ( 372237.7, 3755185.5,       0.0,       0.0,       1.8);
( 371843.0, 3755188.8,       0.0,       0.0,       1.8);         ( 371462.8, 3755192.0,       0.0,       0.0,       1.8);
( 371049.0, 3755195.5,       0.0,       0.0,       1.8);         ( 371056.3, 3755349.0,       0.0,       0.0,       1.8);
( 371043.4, 3755384.0,       0.0,       0.0,       1.8);         ( 371042.4, 3755556.2,       0.0,       0.0,       1.8);
( 370995.8, 3755560.2,       0.0,       0.0,       1.8);         ( 371001.0, 3755419.2,       0.0,       0.0,       1.8);
( 370801.4, 3755275.5,       0.0,       0.0,       1.8);         ( 370666.7, 3755261.8,       0.0,       0.0,       1.8);
( 370380.3, 3755263.2,       0.0,       0.0,       1.8);         ( 370075.9, 3755265.0,       0.0,       0.0,       1.8);
( 369786.9, 3755266.5,       0.0,       0.0,       1.8);         ( 369498.0, 3755268.2,       0.0,       0.0,       1.8);
( 369193.6, 3755269.8,       0.0,       0.0,       1.8);         ( 368889.2, 3755271.5,       0.0,       0.0,       1.8);
( 368569.3, 3755273.2,       0.0,       0.0,       1.8);         ( 368274.8, 3755274.8,       0.0,       0.0,       1.8);
```

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

```
( 367936.4, 3755213.2,       0.0,       0.0,       1.8);
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 0 0 0 0
AND END DATE: 9999 99 99 24

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

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

```
1.54,   3.09,   5.14,   8.23,  10.80,
```

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

Surface file: C:\Lakes\ISC-AE~1\Projects\LAX\OS_96.SFC Met Version: 06341
Profile file: C:\Lakes\ISC-AE~1\Projects\LAX\OS_96.PFL
Surface format: (3(I2,1X),I3,1X,I2,1X,F6.1,1X,3(F6.3,1X),2(F5.0,1X),F8.1,1X,F6.3,1X,2(F6.2,1X),F7.2,1X,F5.0,3(1X,F6.1))
Profile format: (4(I2,1X),F6.1,1X,I1,1X,F5.0,1X,F7.2,1X,F7.2,1X,F6.1,1X,F7.2)
Surface station no.: 23174 Upper air station no.: 3190
Name: LOS_ANGELES/INT'L_ARPT Name: UNKNOWN
Year: 1996 Year: 1996

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
96	01	01	1	01	-64.0	0.658	-9.000	-9.000	-999.	1228.	400.6	1.00	1.50	1.00	3.10	61.	6.1	291.4	2.0
96	01	01	1	02	-45.5	0.415	-9.000	-9.000	-999.	669.	141.3	1.00	1.50	1.00	2.10	38.	6.1	288.1	2.0
96	01	01	1	03	-27.5	0.248	-9.000	-9.000	-999.	311.	50.0	1.00	1.50	1.00	1.50	34.	6.1	285.4	2.0
96	01	01	1	04	-27.5	0.248	-9.000	-9.000	-999.	284.	50.0	1.00	1.50	1.00	1.50	233.	6.1	285.4	2.0
96	01	01	1	05	-27.5	0.248	-9.000	-9.000	-999.	285.	50.2	1.00	1.50	1.00	1.50	293.	6.1	285.9	2.0
96	01	01	1	06	-45.8	0.415	-9.000	-9.000	-999.	614.	140.2	1.00	1.50	1.00	2.10	162.	6.1	286.4	2.0
96	01	01	1	07	-57.3	0.538	-9.000	-9.000	-999.	907.	245.1	1.00	1.50	1.00	2.60	185.	6.1	285.4	2.0
96	01	01	1	08	-64.0	0.892	-9.000	-9.000	-999.	1936.	1000.6	1.00	1.50	0.68	4.10	183.	6.1	289.2	2.0
96	01	01	1	09	22.5	0.910	0.371	0.005	82.	1995.	-998.0	1.00	1.50	0.47	4.10	237.	6.1	290.4	2.0
96	01	01	1	10	70.3	0.917	1.041	0.005	580.	2019.	-990.8	1.00	1.50	0.40	4.10	181.	6.1	293.8	2.0
96	01	01	1	11	101.2	0.814	1.300	0.005	785.	1707.	-481.9	1.00	1.50	0.38	3.60	234.	6.1	294.9	2.0
96	01	01	1	12	119.0	1.270	1.378	0.007	795.	3284.	-998.0	1.00	1.50	0.37	5.70	236.	6.1	294.9	2.0
96	01	01	1	13	117.5	1.270	1.378	0.007	804.	3290.	-998.0	1.00	1.50	0.37	5.70	243.	6.1	293.8	2.0
96	01	01	1	14	98.4	1.029	1.303	0.005	811.	2494.	-998.1	1.00	1.50	0.38	4.60	249.	6.1	293.8	2.0
96	01	01	1	15	64.2	0.916	1.132	0.005	816.	2051.	-998.0	1.00	1.50	0.41	4.10	252.	6.1	293.8	2.0
96	01	01	1	16	13.6	0.689	0.676	0.005	817.	1381.	-998.0	1.00	1.50	0.49	3.10	254.	6.1	293.1	2.0
96	01	01	1	17	-25.2	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.50	0.72	0.00	0.	6.1	291.4	2.0
96	01	01	1	18	-64.0	0.658	-9.000	-9.000	-999.	1228.	401.4	1.00	1.50	1.00	3.10	237.	6.1	290.4	2.0
96	01	01	1	19	-27.4	0.250	-9.000	-9.000	-999.	505.	51.2	1.00	1.50	1.00	1.50	4.	6.1	288.8	2.0
96	01	01	1	20	-27.3	0.250	-9.000	-9.000	-999.	294.	51.6	1.00	1.50	1.00	1.50	67.	6.1	289.9	2.0
96	01	01	1	21	-27.4	0.250	-9.000	-9.000	-999.	287.	51.2	1.00	1.50	1.00	1.50	30.	6.1	288.8	2.0
96	01	01	1	22	-27.2	0.251	-9.000	-9.000	-999.	290.	52.8	1.00	1.50	1.00	1.50	52.	6.1	288.8	2.0
96	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.00	1.50	1.00	0.00	0.	6.1	288.1	2.0
96	01	01	1	24	-59.6	0.536	-9.000	-9.000	-999.	904.	233.4	1.00	1.50	1.00	2.60	90.	6.1	286.4	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
96	01	01	01	6.1	1	61.	3.10	291.5	99.0	-99.00	-99.00

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

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.19190	372498.53	3757611.75	0.16534
372248.53	3757861.75	0.16278	372498.53	3757861.75	0.14933
372248.53	3758111.75	0.12845	372498.53	3758111.75	0.12536
372248.53	3758361.75	0.09730	372498.53	3758361.75	0.10020
373792.78	3755334.75	0.01174	374092.78	3755334.75	0.01078
373792.78	3755709.75	0.01476	374092.78	3755709.75	0.01360
373792.78	3756084.75	0.02099	374092.78	3756084.75	0.01902
373792.78	3756459.75	0.03169	374092.78	3756459.75	0.02785
373792.78	3756834.75	0.04652	374092.78	3756834.75	0.03979
373792.78	3757209.75	0.06259	374092.78	3757209.75	0.05291
373792.78	3757584.75	0.07521	374092.78	3757584.75	0.06397
373792.78	3757959.75	0.08041	374092.78	3757959.75	0.06994
373792.78	3758334.75	0.07741	374092.78	3758334.75	0.06960
373792.78	3758709.75	0.06847	374092.78	3758709.75	0.06398
370479.03	3756653.75	3.47251	367277.91	3755613.50	0.04919
367231.25	3755721.75	0.05062	367184.62	3755830.00	0.05172
367137.97	3755938.25	0.05247	367091.34	3756046.50	0.05286
367048.09	3756146.75	0.05289	367004.81	3756247.25	0.05260
366961.56	3756347.50	0.05203	366917.69	3756449.50	0.05117
366873.81	3756551.25	0.05007	366829.94	3756653.00	0.04876
366840.22	3756684.50	0.04879	366889.59	3756713.50	0.04961
366879.00	3756682.75	0.04959	366852.25	3756751.00	0.04859
366883.62	3756736.50	0.04933	366820.78	3756715.00	0.04821
366790.12	3756728.00	0.04753	366744.97	3756823.25	0.04598
366699.81	3756918.50	0.04434	366654.66	3757013.75	0.04265
366607.66	3757113.00	0.04084	366560.62	3757212.00	0.03903
366513.62	3757311.25	0.03722	366464.16	3757415.75	0.03535
366414.69	3757520.00	0.03353	366434.03	3757555.50	0.03327
366483.69	3757562.00	0.03367	366566.69	3757525.00	0.03501
366620.62	3757538.50	0.03538	366646.41	3757555.50	0.03541
366712.75	3757550.25	0.03620	366779.09	3757544.75	0.03702
366838.81	3757582.50	0.03706	366912.62	3757623.25	0.03717
366986.47	3757664.25	0.03723	367074.31	3757712.75	0.03724
367162.16	3757761.25	0.03719	367299.75	3757717.75	0.03958
367384.88	3757734.00	0.04017	367397.59	3757757.50	0.03976
367505.56	3757818.00	0.03947	367532.81	3757826.00	0.03955
367561.06	3757814.00	0.04015	367596.03	3757751.50	0.04216
367630.97	3757689.00	0.04431	367694.09	3757685.00	0.04526
367749.88	3757720.50	0.04493	367785.50	3757841.75	0.04182
367782.09	3757935.00	0.03925	367752.06	3757968.50	0.03811

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.03700	367807.91	3758034.00	0.03696
367866.06	3758009.25	0.03806	367924.19	3757984.50	0.03921
367938.25	3757954.00	0.04018	367928.38	3757922.75	0.04098
367914.62	3757953.25	0.03999	368016.69	3757908.25	0.04228
368118.78	3757863.25	0.04479	368180.06	3757838.50	0.04634
368242.09	3757813.50	0.04799	368317.75	3757784.75	0.05007
368406.72	3757787.75	0.05107	368504.88	3757788.75	0.05225
368603.06	3757790.00	0.05338	368628.38	3757765.25	0.05493
368675.91	3757781.00	0.05469	368758.84	3757821.00	0.05347
368838.88	3757871.50	0.05145	368921.38	3757923.50	0.04913
369003.84	3757975.50	0.04658	369037.66	3757968.75	0.04691
369100.78	3757878.25	0.05196	369067.19	3757885.25	0.05153
369139.03	3757929.50	0.04891	369210.91	3757973.75	0.04612
369243.25	3757968.25	0.04624	369304.81	3757894.25	0.05027
369366.38	3757820.00	0.05501	369436.44	3757793.50	0.05624
369435.25	3757759.75	0.05936	369250.56	3758016.75	0.04355
369343.91	3758082.50	0.03960	369437.25	3758148.25	0.03606
369429.41	3758217.50	0.03352	369432.19	3758306.25	0.03062
369434.97	3758395.00	0.02814	369459.97	3758419.25	0.02746
369558.25	3758419.25	0.02730	369656.53	3758419.25	0.02736
369754.81	3758419.25	0.02761	369853.09	3758419.25	0.02806
369878.09	3758394.00	0.02876	369877.19	3758288.75	0.03131
369876.31	3758183.25	0.03430	369962.47	3758103.00	0.03758
370074.53	3758103.00	0.03873	370186.59	3758103.00	0.03988
370298.62	3758103.25	0.04131	370323.62	3758078.00	0.04271
370381.38	3757991.00	0.04756	370435.41	3758019.25	0.04683
370499.31	3758049.75	0.04632	370485.19	3758025.25	0.04737
370480.69	3758086.00	0.04420	370505.53	3758112.75	0.04337
370600.72	3758113.25	0.04484	370695.94	3758113.50	0.04675
370791.12	3758113.75	0.04951	370886.34	3758114.00	0.05316
370911.41	3758089.00	0.05623	370910.97	3757976.00	0.06677
370910.53	3757863.25	0.08131	370910.06	3757750.50	0.10221
370930.06	3757711.75	0.11491	370960.91	3757689.25	0.12713
371046.47	3757692.50	0.14305	371070.81	3757667.50	0.15756
371071.34	3757585.25	0.19573	371046.88	3757610.00	0.17732
371122.22	3757608.50	0.19571	371099.47	3757595.00	0.19743
371134.94	3757663.25	0.17283	371170.41	3757731.75	0.15261
371239.88	3757782.75	0.14657	371263.72	3757807.50	0.14226
371372.38	3757807.25	0.15696	371385.28	3757826.75	0.15238
371485.00	3757895.25	0.14333	371584.72	3757963.75	0.13475

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.12670	371784.16	3758100.75	0.11919
371818.31	3758095.25	0.12190	371873.25	3758021.75	0.13805
371928.19	3757948.50	0.15392	371969.34	3757946.25	0.15478
371989.16	3757923.75	0.15917	371995.12	3757843.25	0.17478
371969.38	3757866.50	0.17057	372022.50	3757868.25	0.16942
372048.31	3757843.00	0.17348	372047.16	3757745.75	0.19114
372046.03	3757648.50	0.20793	372044.88	3757551.25	0.22272
372040.50	3757447.75	0.23535	372036.12	3757345.00	0.24294
372031.75	3757242.00	0.24426	372027.38	3757139.25	0.23845
372002.59	3757115.25	0.24213	371880.53	3757114.25	0.27678
371758.47	3757113.25	0.31820	371636.38	3757112.25	0.36778
371514.31	3757111.25	0.42683	371394.41	3757110.25	0.49506
371274.53	3757109.50	0.57437	371154.62	3757108.50	0.66309
371034.75	3757107.50	0.74499	371059.56	3757132.50	0.69171
371059.44	3757085.25	0.76276	371034.31	3757060.25	0.82209
370944.22	3757060.75	0.89648	370854.12	3757061.25	0.91802
370764.03	3757062.00	0.85739	370789.16	3757086.00	0.79139
370785.78	3756996.25	1.18430	370782.38	3756906.50	1.63125
370778.97	3756816.75	1.92638	370754.94	3756842.75	2.01884
370847.44	3756839.25	1.57439	370939.91	3756835.75	1.21008
371032.41	3756832.25	0.93607	371056.41	3756808.75	0.84802
371058.09	3756781.75	0.80420	371033.69	3756805.25	0.89366
371146.19	3756802.75	0.67663	371258.66	3756800.25	0.53079
371371.16	3756797.75	0.42715	371483.62	3756795.25	0.35113
371595.03	3756793.00	0.29435	371706.41	3756790.50	0.25025
371817.78	3756788.00	0.21540	371932.09	3756785.50	0.18676
372046.38	3756783.00	0.16352	372160.66	3756780.25	0.14436
372274.97	3756777.75	0.12845	372384.72	3756775.50	0.11559
372494.47	3756773.00	0.10457	372604.22	3756770.50	0.09508
372713.97	3756768.00	0.08685	372738.38	3756741.75	0.08239
372732.97	3756646.50	0.07261	372819.62	3756573.75	0.06165
372843.78	3756547.75	0.05845	372839.41	3756453.75	0.05100
372821.25	3756362.50	0.04484	372795.62	3756342.50	0.04407
372731.31	3756327.75	0.04453	372707.19	3756351.75	0.04686
372927.97	3756344.00	0.04128	372952.09	3756318.75	0.03932
372951.22	3756244.75	0.03535	372926.66	3756270.00	0.03707
373032.78	3756268.00	0.03521	373138.88	3756266.25	0.03350
373245.00	3756264.25	0.03190	373351.12	3756262.25	0.03042
373457.25	3756260.50	0.02904	373481.81	3756235.00	0.02788
373480.34	3756122.50	0.02441	373478.88	3756009.75	0.02150

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.01913	373475.94	3755784.50	0.01722
373474.47	3755672.00	0.01573	373473.00	3755559.25	0.01457
373447.00	3755534.75	0.01447	373334.22	3755539.25	0.01504
373221.47	3755543.75	0.01566	373197.47	3755568.25	0.01602
373195.91	3755636.25	0.01674	373194.34	3755704.50	0.01760
373219.59	3755680.00	0.01714	373134.91	3755679.00	0.01761
373159.66	3755703.50	0.01779	373157.94	3755634.75	0.01693
373156.22	3755566.00	0.01622	373132.47	3755541.75	0.01613
373055.34	3755537.75	0.01655	373079.06	3755562.25	0.01663
373077.12	3755465.00	0.01583	373075.16	3755368.00	0.01522
373073.19	3755270.75	0.01476	373071.22	3755173.50	0.01441
373046.00	3755149.00	0.01450	372939.09	3755150.00	0.01523
372832.16	3755151.00	0.01604	372725.25	3755152.00	0.01694
372622.81	3755157.25	0.01791	372527.31	3755158.00	0.01890
372430.69	3755159.00	0.01999	372334.09	3755159.75	0.02119
372237.47	3755160.50	0.02249	372138.81	3755161.25	0.02392
372040.12	3755162.25	0.02544	371941.47	3755163.00	0.02704
371842.78	3755163.75	0.02870	371747.72	3755164.50	0.03031
371652.69	3755165.25	0.03190	371557.62	3755166.25	0.03345
371462.59	3755167.00	0.03491	371359.16	3755167.75	0.03637
371255.72	3755168.75	0.03771	371152.25	3755169.50	0.03890
371048.81	3755170.50	0.04000	371024.06	3755196.50	0.04112
371027.69	3755273.25	0.04385	371031.34	3755350.25	0.04686
371019.94	3755375.50	0.04812	371017.91	3755470.00	0.05255
371017.38	3755556.25	0.05705	371040.31	3755531.50	0.05511
371025.97	3755420.25	0.05002	371015.62	3755399.00	0.04924
370915.81	3755327.25	0.04754	370816.03	3755255.25	0.04570
370736.56	3755243.75	0.04615	370669.19	3755237.00	0.04668
370571.06	3755237.25	0.04795	370475.62	3755237.75	0.04910
370380.12	3755238.25	0.05013	370278.66	3755239.00	0.05091
370177.19	3755239.50	0.05106	370075.72	3755240.00	0.05088
369979.41	3755240.50	0.05036	369883.09	3755241.00	0.04970
369786.78	3755241.50	0.04906	369690.47	3755242.00	0.04847
369594.16	3755242.75	0.04813	369497.88	3755243.25	0.04798
369396.38	3755243.75	0.04791	369294.91	3755244.25	0.04789
369193.44	3755244.75	0.04787	369091.97	3755245.25	0.04784
368990.50	3755246.00	0.04786	368889.03	3755246.50	0.04794
368782.41	3755247.00	0.04806	368675.78	3755247.50	0.04819
368569.12	3755248.25	0.04828	368471.00	3755248.75	0.04827
368372.84	3755249.25	0.04816	368274.69	3755249.75	0.04795

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.04676	368053.72	3755209.25	0.04551
367940.91	3755188.50	0.04424	367824.03	3755184.75	0.04350
367710.84	3755181.25	0.04271	367597.62	3755177.50	0.04186
367484.44	3755174.00	0.04097	367460.69	3755189.25	0.04118
367415.00	3755295.25	0.04345	367369.31	3755401.25	0.04558
367323.59	3755507.25	0.04750	367483.66	3755199.00	0.04161
367300.88	3755623.25	0.04976	367114.28	3756056.25	0.05346
366984.53	3756357.50	0.05256	366852.91	3756663.00	0.04917
366902.28	3756692.00	0.05002	366875.53	3756760.00	0.04899
366812.69	3756738.50	0.04790	366677.25	3757024.50	0.04289
366536.22	3757322.00	0.03736	366437.28	3757530.75	0.03362
366486.94	3757537.25	0.03402	366623.91	3757468.00	0.03643
366644.38	3757530.75	0.03575	366777.06	3757519.75	0.03740
366998.56	3757642.25	0.03777	367174.25	3757739.50	0.03775
367290.72	3757694.25	0.04001	367412.66	3757694.75	0.04143
367409.81	3757735.75	0.04041	367517.78	3757796.25	0.04013
367539.25	3757802.00	0.04022	367609.12	3757676.75	0.04437
367769.06	3757644.25	0.04756	367774.81	3757718.50	0.04532
367809.47	3757834.50	0.04229	367807.06	3757935.50	0.03947
367774.94	3757958.50	0.03857	367798.12	3758011.00	0.03745
367914.41	3757961.50	0.03976	367904.53	3757930.25	0.04053
368108.69	3757840.25	0.04546	368232.75	3757790.25	0.04877
368308.88	3757761.50	0.05091	368603.38	3757765.00	0.05463
368603.84	3757718.50	0.05703	368769.72	3757798.50	0.05478
369017.16	3757954.25	0.04768	369080.28	3757864.00	0.05282
369224.00	3757952.25	0.04726	369408.72	3757730.00	0.06224
369454.22	3757776.00	0.05748	369264.97	3757996.50	0.04451
369451.62	3758128.00	0.03677	369459.97	3758394.25	0.02808
369853.09	3758394.25	0.02861	369850.44	3758078.00	0.03773
370298.62	3758078.25	0.04238	370297.53	3757962.75	0.04807
370382.34	3757966.00	0.04895	370510.12	3758027.25	0.04768
370505.62	3758087.75	0.04454	370886.41	3758089.00	0.05503
370885.06	3757750.50	0.09866	370907.31	3757701.50	0.11371
370944.91	3757670.00	0.13005	371045.81	3757667.50	0.15222
371046.34	3757585.00	0.18957	371121.66	3757583.50	0.20877
371192.59	3757720.25	0.16075	371253.97	3757762.25	0.15564
371263.66	3757782.50	0.15025	371372.34	3757782.25	0.16525
371399.44	3757806.25	0.16053	371798.31	3758080.25	0.12369
371908.19	3757933.50	0.15670	371964.22	3757921.75	0.15955
371970.19	3757841.50	0.17562	372023.31	3757843.25	0.17412

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.22587	372002.41	3757140.25	0.24490
371514.12	3757136.25	0.42449	371034.56	3757132.50	0.70105
371034.44	3757085.25	0.78172	370764.19	3757087.00	0.76361
370754.00	3756817.75	2.07281	371031.47	3756807.25	0.90226
371033.12	3756780.25	0.85524	371483.09	3756770.25	0.33550
371817.25	3756763.00	0.20655	372274.41	3756752.75	0.12385
372713.41	3756743.00	0.08411	372702.62	3756552.50	0.06453
372818.81	3756548.75	0.05948	372814.44	3756455.00	0.05184
372796.75	3756367.50	0.04578	372704.81	3756371.50	0.04843
372706.31	3756326.75	0.04505	372927.09	3756319.25	0.03983
372926.22	3756245.00	0.03576	373456.81	3756235.50	0.02818
373448.00	3755559.75	0.01469	373222.47	3755568.75	0.01589
373219.34	3755705.00	0.01747	373134.66	3755704.00	0.01794
373131.22	3755566.75	0.01637	373054.09	3755562.75	0.01679
373046.22	3755174.00	0.01457	372725.47	3755177.00	0.01701
372624.12	3755182.25	0.01797	372237.69	3755185.50	0.02258
371843.00	3755188.75	0.02893	371462.81	3755192.00	0.03544
371049.03	3755195.50	0.04082	371056.31	3755349.00	0.04642
371043.41	3755384.00	0.04809	371042.38	3755556.25	0.05634
370995.81	3755560.25	0.05786	371001.00	3755419.25	0.05043
370801.41	3755275.50	0.04675	370666.66	3755261.75	0.04784
370380.28	3755263.25	0.05144	370075.88	3755265.00	0.05219
369786.91	3755266.50	0.05026	369498.00	3755268.25	0.04916
369193.59	3755269.75	0.04904	368889.16	3755271.50	0.04916
368569.28	3755273.25	0.04949	368274.84	3755274.75	0.04904
367936.44	3755213.25	0.04508			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.21858	372498.53	3757611.75	0.18687
372248.53	3757861.75	0.18543	372498.53	3757861.75	0.16835
372248.53	3758111.75	0.14706	372498.53	3758111.75	0.14155
372248.53	3758361.75	0.11236	372498.53	3758361.75	0.11373
373792.78	3755334.75	0.01532	374092.78	3755334.75	0.01389
373792.78	3755709.75	0.01874	374092.78	3755709.75	0.01702
373792.78	3756084.75	0.02555	374092.78	3756084.75	0.02290
373792.78	3756459.75	0.03715	374092.78	3756459.75	0.03242
373792.78	3756834.75	0.05309	374092.78	3756834.75	0.04520
373792.78	3757209.75	0.07017	374092.78	3757209.75	0.05910
373792.78	3757584.75	0.08328	374092.78	3757584.75	0.07062
373792.78	3757959.75	0.08830	374092.78	3757959.75	0.07657
373792.78	3758334.75	0.08460	374092.78	3758334.75	0.07579
373792.78	3758709.75	0.07472	374092.78	3758709.75	0.06949
370479.03	3756653.75	7.52768	367277.91	3755613.50	0.06217
367231.25	3755721.75	0.06357	367184.62	3755830.00	0.06457
367137.97	3755938.25	0.06517	367091.34	3756046.50	0.06535
367048.09	3756146.75	0.06515	367004.81	3756247.25	0.06462
366961.56	3756347.50	0.06376	366917.69	3756449.50	0.06260
366873.81	3756551.25	0.06117	366829.94	3756653.00	0.05952
366840.22	3756684.50	0.05960	366889.59	3756713.50	0.06074
366879.00	3756682.75	0.06067	366852.25	3756751.00	0.05943
366883.62	3756736.50	0.06039	366820.78	3756715.00	0.05888
366790.12	3756728.00	0.05799	366744.97	3756823.25	0.05608
366699.81	3756918.50	0.05408	366654.66	3757013.75	0.05200
366607.66	3757113.00	0.04980	366560.62	3757212.00	0.04759
366513.62	3757311.25	0.04538	366464.16	3757415.75	0.04309
366414.69	3757520.00	0.04086	366434.03	3757555.50	0.04058
366483.69	3757562.00	0.04113	366566.69	3757525.00	0.04287
366620.62	3757538.50	0.04342	366646.41	3757555.50	0.04350
366712.75	3757550.25	0.04457	366779.09	3757544.75	0.04569
366838.81	3757582.50	0.04586	366912.62	3757623.25	0.04614
366986.47	3757664.25	0.04635	367074.31	3757712.75	0.04654
367162.16	3757761.25	0.04663	367299.75	3757717.75	0.04993
367384.88	3757734.00	0.05085	367397.59	3757757.50	0.05036
367505.56	3757818.00	0.05021	367532.81	3757826.00	0.05038
367561.06	3757814.00	0.05121	367596.03	3757751.50	0.05389
367630.97	3757689.00	0.05676	367694.09	3757685.00	0.05816
367749.88	3757720.50	0.05788	367785.50	3757841.75	0.05389
367782.09	3757935.00	0.05049	367752.06	3757968.50	0.04894

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.04752	367807.91	3758034.00	0.04752
367866.06	3758009.25	0.04909	367924.19	3757984.50	0.05074
367938.25	3757954.00	0.05206	367928.38	3757922.75	0.05310
367914.62	3757953.25	0.05175	368016.69	3757908.25	0.05504
368118.78	3757863.25	0.05867	368180.06	3757838.50	0.06092
368242.09	3757813.50	0.06335	368317.75	3757784.75	0.06641
368406.72	3757787.75	0.06809	368504.88	3757788.75	0.07009
368603.06	3757790.00	0.07205	368628.38	3757765.25	0.07432
368675.91	3757781.00	0.07420	368758.84	3757821.00	0.07288
368838.88	3757871.50	0.07045	368921.38	3757923.50	0.06762
369003.84	3757975.50	0.06449	369037.66	3757968.75	0.06514
369100.78	3757878.25	0.07270	369067.19	3757885.25	0.07187
369139.03	3757929.50	0.06860	369210.91	3757973.75	0.06509
369243.25	3757968.25	0.06549	369304.81	3757894.25	0.07186
369366.38	3757820.00	0.07944	369436.44	3757793.50	0.08202
369435.25	3757759.75	0.08673	369250.56	3758016.75	0.06165
369343.91	3758082.50	0.05654	369437.25	3758148.25	0.05189
369429.41	3758217.50	0.04809	369432.19	3758306.25	0.04379
369434.97	3758395.00	0.04011	369459.97	3758419.25	0.03916
369558.25	3758419.25	0.03914	369656.53	3758419.25	0.03938
369754.81	3758419.25	0.03988	369853.09	3758419.25	0.04062
369878.09	3758394.00	0.04174	369877.19	3758288.75	0.04583
369876.31	3758183.25	0.05070	369962.47	3758103.00	0.05614
370074.53	3758103.00	0.05818	370186.59	3758103.00	0.05983
370298.62	3758103.25	0.06216	370323.62	3758078.00	0.06441
370381.38	3757991.00	0.07183	370435.41	3758019.25	0.07013
370499.31	3758049.75	0.06919	370485.19	3758025.25	0.07107
370480.69	3758086.00	0.06557	370505.53	3758112.75	0.06429
370600.72	3758113.25	0.06567	370695.94	3758113.50	0.06738
370791.12	3758113.75	0.07069	370886.34	3758114.00	0.07489
370911.41	3758089.00	0.07881	370910.97	3757976.00	0.09384
370910.53	3757863.25	0.11428	370910.06	3757750.50	0.14461
370930.06	3757711.75	0.16156	370960.91	3757689.25	0.17663
371046.47	3757692.50	0.19219	371070.81	3757667.50	0.20983
371071.34	3757585.25	0.26044	371046.88	3757610.00	0.23829
371122.22	3757608.50	0.25646	371099.47	3757595.00	0.26044
371134.94	3757663.25	0.22682	371170.41	3757731.75	0.19941
371239.88	3757782.75	0.18885	371263.72	3757807.50	0.18260
371372.38	3757807.25	0.19636	371385.28	3757826.75	0.19045
371485.00	3757895.25	0.17675	371584.72	3757963.75	0.16424

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.15284	371784.16	3758100.75	0.14248
371818.31	3758095.25	0.14504	371873.25	3758021.75	0.16255
371928.19	3757948.50	0.17964	371969.34	3757946.25	0.17996
371989.16	3757923.75	0.18461	371995.12	3757843.25	0.20211
371969.38	3757866.50	0.19776	372022.50	3757868.25	0.19565
372048.31	3757843.00	0.19986	372047.16	3757745.75	0.21981
372046.03	3757648.50	0.23890	372044.88	3757551.25	0.25592
372040.50	3757447.75	0.27082	372036.12	3757345.00	0.28026
372031.75	3757242.00	0.28284	372027.38	3757139.25	0.27751
372002.59	3757115.25	0.28240	371880.53	3757114.25	0.32420
371758.47	3757113.25	0.37455	371636.38	3757112.25	0.43540
371514.31	3757111.25	0.50891	371394.41	3757110.25	0.59559
371274.53	3757109.50	0.70021	371154.62	3757108.50	0.83435
371034.75	3757107.50	0.97249	371059.56	3757132.50	0.89490
371059.44	3757085.25	0.98673	371034.31	3757060.25	1.07366
370944.22	3757060.75	1.21669	370854.12	3757061.25	1.31703
370764.03	3757062.00	1.31357	370789.16	3757086.00	1.19305
370785.78	3756996.25	1.77092	370782.38	3756906.50	2.43394
370778.97	3756816.75	2.81714	370754.94	3756842.75	3.02777
370847.44	3756839.25	2.20496	370939.91	3756835.75	1.62171
371032.41	3756832.25	1.20827	371056.41	3756808.75	1.08250
371058.09	3756781.75	1.02707	371033.69	3756805.25	1.14836
371146.19	3756802.75	0.85066	371258.66	3756800.25	0.66022
371371.16	3756797.75	0.52740	371483.62	3756795.25	0.43080
371595.03	3756793.00	0.35909	371706.41	3756790.50	0.30370
371817.78	3756788.00	0.26014	371932.09	3756785.50	0.22451
372046.38	3756783.00	0.19574	372160.66	3756780.25	0.17212
372274.97	3756777.75	0.15260	372384.72	3756775.50	0.13687
372494.47	3756773.00	0.12343	372604.22	3756770.50	0.11190
372713.97	3756768.00	0.10193	372738.38	3756741.75	0.09685
372732.97	3756646.50	0.08617	372819.62	3756573.75	0.07352
372843.78	3756547.75	0.06986	372839.41	3756453.75	0.06167
372821.25	3756362.50	0.05495	372795.62	3756342.50	0.05424
372731.31	3756327.75	0.05511	372707.19	3756351.75	0.05784
372927.97	3756344.00	0.05047	372952.09	3756318.75	0.04819
372951.22	3756244.75	0.04380	372926.66	3756270.00	0.04582
373032.78	3756268.00	0.04330	373138.88	3756266.25	0.04100
373245.00	3756264.25	0.03887	373351.12	3756262.25	0.03690
373457.25	3756260.50	0.03510	373481.81	3756235.00	0.03376
373480.34	3756122.50	0.02997	373478.88	3756009.75	0.02678

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.02416	373475.94	3755784.50	0.02205
373474.47	3755672.00	0.02038	373473.00	3755559.25	0.01905
373447.00	3755534.75	0.01899	373334.22	3755539.25	0.01985
373221.47	3755543.75	0.02080	373197.47	3755568.25	0.02127
373195.91	3755636.25	0.02211	373194.34	3755704.50	0.02311
373219.59	3755680.00	0.02252	373134.91	3755679.00	0.02326
373159.66	3755703.50	0.02341	373157.94	3755634.75	0.02243
373156.22	3755566.00	0.02160	373132.47	3755541.75	0.02154
373055.34	3755537.75	0.02221	373079.06	3755562.25	0.02226
373077.12	3755465.00	0.02129	373075.16	3755368.00	0.02054
373073.19	3755270.75	0.01995	373071.22	3755173.50	0.01949
373046.00	3755149.00	0.01962	372939.09	3755150.00	0.02069
372832.16	3755151.00	0.02188	372725.25	3755152.00	0.02319
372622.81	3755157.25	0.02461	372527.31	3755158.00	0.02603
372430.69	3755159.00	0.02762	372334.09	3755159.75	0.02935
372237.47	3755160.50	0.03123	372138.81	3755161.25	0.03332
372040.12	3755162.25	0.03556	371941.47	3755163.00	0.03795
371842.78	3755163.75	0.04045	371747.72	3755164.50	0.04294
371652.69	3755165.25	0.04546	371557.62	3755166.25	0.04797
371462.59	3755167.00	0.05039	371359.16	3755167.75	0.05286
371255.72	3755168.75	0.05512	371152.25	3755169.50	0.05711
371048.81	3755170.50	0.05884	371024.06	3755196.50	0.06072
371027.69	3755273.25	0.06545	371031.34	3755350.25	0.07071
371019.94	3755375.50	0.07291	371017.91	3755470.00	0.08078
371017.38	3755556.25	0.08889	371040.31	3755531.50	0.08536
371025.97	3755420.25	0.07627	371015.62	3755399.00	0.07487
370915.81	3755327.25	0.07156	370816.03	3755255.25	0.06784
370736.56	3755243.75	0.06815	370669.19	3755237.00	0.06861
370571.06	3755237.25	0.07029	370475.62	3755237.75	0.07162
370380.12	3755238.25	0.07297	370278.66	3755239.00	0.07458
370177.19	3755239.50	0.07450	370075.72	3755240.00	0.07519
369979.41	3755240.50	0.07432	369883.09	3755241.00	0.07390
369786.78	3755241.50	0.07393	369690.47	3755242.00	0.07320
369594.16	3755242.75	0.07318	369497.88	3755243.25	0.07340
369396.38	3755243.75	0.07337	369294.91	3755244.25	0.07330
369193.44	3755244.75	0.07309	369091.97	3755245.25	0.07267
368990.50	3755246.00	0.07218	368889.03	3755246.50	0.07163
368782.41	3755247.00	0.07102	368675.78	3755247.50	0.07035
368569.12	3755248.25	0.06961	368471.00	3755248.75	0.06881
368372.84	3755249.25	0.06790	368274.69	3755249.75	0.06687

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.06452	368053.72	3755209.25	0.06214
367940.91	3755188.50	0.05982	367824.03	3755184.75	0.05822
367710.84	3755181.25	0.05663	367597.62	3755177.50	0.05502
367484.44	3755174.00	0.05341	367460.69	3755189.25	0.05356
367415.00	3755295.25	0.05610	367369.31	3755401.25	0.05841
367323.59	3755507.25	0.06045	367483.66	3755199.00	0.05418
367300.88	3755623.25	0.06296	367114.28	3756056.25	0.06615
366984.53	3756357.50	0.06447	366852.91	3756663.00	0.06008
366902.28	3756692.00	0.06125	366875.53	3756760.00	0.05998
366812.69	3756738.50	0.05849	366677.25	3757024.50	0.05235
366536.22	3757322.00	0.04560	366437.28	3757530.75	0.04100
366486.94	3757537.25	0.04157	366623.91	3757468.00	0.04468
366644.38	3757530.75	0.04390	366777.06	3757519.75	0.04614
366998.56	3757642.25	0.04704	367174.25	3757739.50	0.04737
367290.72	3757694.25	0.05044	367412.66	3757694.75	0.05252
367409.81	3757735.75	0.05121	367517.78	3757796.25	0.05109
367539.25	3757802.00	0.05125	367609.12	3757676.75	0.05678
367769.06	3757644.25	0.06136	367774.81	3757718.50	0.05845
367809.47	3757834.50	0.05456	367807.06	3757935.50	0.05083
367774.94	3757958.50	0.04959	367798.12	3758011.00	0.04815
367914.41	3757961.50	0.05144	367904.53	3757930.25	0.05245
368108.69	3757840.25	0.05954	368232.75	3757790.25	0.06437
368308.88	3757761.50	0.06754	368603.38	3757765.00	0.07379
368603.84	3757718.50	0.07716	368769.72	3757798.50	0.07477
369017.16	3757954.25	0.06611	369080.28	3757864.00	0.07379
369224.00	3757952.25	0.06682	369408.72	3757730.00	0.09074
369454.22	3757776.00	0.08409	369264.97	3757996.50	0.06314
369451.62	3758128.00	0.05304	369459.97	3758394.25	0.04009
369853.09	3758394.25	0.04150	369850.44	3758078.00	0.05633
370298.62	3758078.25	0.06398	370297.53	3757962.75	0.07381
370382.34	3757966.00	0.07412	370510.12	3758027.25	0.07137
370505.62	3758087.75	0.06620	370886.41	3758089.00	0.07761
370885.06	3757750.50	0.14054	370907.31	3757701.50	0.16109
370944.91	3757670.00	0.18157	371045.81	3757667.50	0.20421
371046.34	3757585.00	0.25439	371121.66	3757583.50	0.27291
371192.59	3757720.25	0.20857	371253.97	3757762.25	0.19943
371263.66	3757782.50	0.19241	371372.34	3757782.25	0.20627
371399.44	3757806.25	0.19971	371798.31	3758080.25	0.14741
371908.19	3757933.50	0.18310	371964.22	3757921.75	0.18541
371970.19	3757841.50	0.20344	372023.31	3757843.25	0.20094

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.25984	372002.41	3757140.25	0.28524
371514.12	3757136.25	0.50559	371034.56	3757132.50	0.90089
371034.44	3757085.25	1.02055	370764.19	3757087.00	1.16570
370754.00	3756817.75	3.09547	371031.47	3756807.25	1.16048
371033.12	3756780.25	1.09769	371483.09	3756770.25	0.41314
371817.25	3756763.00	0.25025	372274.41	3756752.75	0.14752
372713.41	3756743.00	0.09893	372702.62	3756552.50	0.07747
372818.81	3756548.75	0.07114	372814.44	3756455.00	0.06274
372796.75	3756367.50	0.05613	372704.81	3756371.50	0.05960
372706.31	3756326.75	0.05583	372927.09	3756319.25	0.04887
372926.22	3756245.00	0.04437	373456.81	3756235.50	0.03415
373448.00	3755559.75	0.01923	373222.47	3755568.75	0.02106
373219.34	3755705.00	0.02290	373134.66	3755704.00	0.02365
373131.22	3755566.75	0.02183	373054.09	3755562.75	0.02250
373046.22	3755174.00	0.01972	372725.47	3755177.00	0.02330
372624.12	3755182.25	0.02471	372237.69	3755185.50	0.03141
371843.00	3755188.75	0.04084	371462.81	3755192.00	0.05123
371049.03	3755195.50	0.06026	371056.31	3755349.00	0.06997
371043.41	3755384.00	0.07289	371042.38	3755556.25	0.08759
370995.81	3755560.25	0.09037	371001.00	3755419.25	0.07698
370801.41	3755275.50	0.06960	370666.66	3755261.75	0.07059
370380.28	3755263.25	0.07515	370075.88	3755265.00	0.07751
369786.91	3755266.50	0.07611	369498.00	3755268.25	0.07551
369193.59	3755269.75	0.07506	368889.16	3755271.50	0.07350
368569.28	3755273.25	0.07132	368274.84	3755274.75	0.06833
367936.44	3755213.25	0.06087			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.78920	372498.53	3757611.75	0.66898
372248.53	3757861.75	0.68117	372498.53	3757861.75	0.60812
372248.53	3758111.75	0.55416	372498.53	3758111.75	0.52020
372248.53	3758361.75	0.43639	372498.53	3758361.75	0.42756
373792.78	3755334.75	0.08203	374092.78	3755334.75	0.07327
373792.78	3755709.75	0.09475	374092.78	3755709.75	0.08454
373792.78	3756084.75	0.11762	374092.78	3756084.75	0.10397
373792.78	3756459.75	0.15468	374092.78	3756459.75	0.13419
373792.78	3756834.75	0.20450	374092.78	3756834.75	0.17410
373792.78	3757209.75	0.25714	374092.78	3757209.75	0.21702
373792.78	3757584.75	0.29696	374092.78	3757584.75	0.25220
373792.78	3757959.75	0.31137	374092.78	3757959.75	0.26982
373792.78	3758334.75	0.29834	374092.78	3758334.75	0.26629
373792.78	3758709.75	0.26565	374092.78	3758709.75	0.24523
370479.03	3756653.75	37.07066	367277.91	3755613.50	0.25815
367231.25	3755721.75	0.26231	367184.62	3755830.00	0.26508
367137.97	3755938.25	0.26642	367091.34	3756046.50	0.26634
367048.09	3756146.75	0.26500	367004.81	3756247.25	0.26249
366961.56	3756347.50	0.25889	366917.69	3756449.50	0.25423
366873.81	3756551.25	0.24862	366829.94	3756653.00	0.24223
366840.22	3756684.50	0.24285	366889.59	3756713.50	0.24806
366879.00	3756682.75	0.24745	366852.25	3756751.00	0.24273
366883.62	3756736.50	0.24679	366820.78	3756715.00	0.23998
366790.12	3756728.00	0.23624	366744.97	3756823.25	0.22885
366699.81	3756918.50	0.22111	366654.66	3757013.75	0.21313
366607.66	3757113.00	0.20467	366560.62	3757212.00	0.19614
366513.62	3757311.25	0.18763	366464.16	3757415.75	0.17877
366414.69	3757520.00	0.17011	366434.03	3757555.50	0.16939
366483.69	3757562.00	0.17207	366566.69	3757525.00	0.17956
366620.62	3757538.50	0.18237	366646.41	3757555.50	0.18305
366712.75	3757550.25	0.18802	366779.09	3757544.75	0.19322
366838.81	3757582.50	0.19491	366912.62	3757623.25	0.19727
366986.47	3757664.25	0.19944	367074.31	3757712.75	0.20180
367162.16	3757761.25	0.20388	367299.75	3757717.75	0.21945
367384.88	3757734.00	0.22500	367397.59	3757757.50	0.22336
367505.56	3757818.00	0.22530	367532.81	3757826.00	0.22662
367561.06	3757814.00	0.23064	367596.03	3757751.50	0.24228
367630.97	3757689.00	0.25469	367694.09	3757685.00	0.26215
367749.88	3757720.50	0.26274	367785.50	3757841.75	0.24739
367782.09	3757935.00	0.23315	367752.06	3757968.50	0.22591

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.22050	367807.91	3758034.00	0.22124
367866.06	3758009.25	0.22932	367924.19	3757984.50	0.23785
367938.25	3757954.00	0.24389	367928.38	3757922.75	0.24804
367914.62	3757953.25	0.24190	368016.69	3757908.25	0.25893
368118.78	3757863.25	0.27791	368180.06	3757838.50	0.28993
368242.09	3757813.50	0.30293	368317.75	3757784.75	0.31963
368406.72	3757787.75	0.33115	368504.88	3757788.75	0.34497
368603.06	3757790.00	0.35923	368628.38	3757765.25	0.37126
368675.91	3757781.00	0.37348	368758.84	3757821.00	0.37224
368838.88	3757871.50	0.36557	368921.38	3757923.50	0.35722
369003.84	3757975.50	0.34739	369037.66	3757968.75	0.35314
369100.78	3757878.25	0.39662	369067.19	3757885.25	0.38949
369139.03	3757929.50	0.37889	369210.91	3757973.75	0.36700
369243.25	3757968.25	0.37201	369304.81	3757894.25	0.41196
369366.38	3757820.00	0.45966	369436.44	3757793.50	0.48404
369435.25	3757759.75	0.50827	369250.56	3758016.75	0.35247
369343.91	3758082.50	0.33285	369437.25	3758148.25	0.31399
369429.41	3758217.50	0.29131	369432.19	3758306.25	0.26627
369434.97	3758395.00	0.24453	369459.97	3758419.25	0.23987
369558.25	3758419.25	0.24339	369656.53	3758419.25	0.24755
369754.81	3758419.25	0.25236	369853.09	3758419.25	0.25774
369878.09	3758394.00	0.26537	369877.19	3758288.75	0.29392
369876.31	3758183.25	0.32803	369962.47	3758103.00	0.36659
370074.53	3758103.00	0.37780	370186.59	3758103.00	0.38700
370298.62	3758103.25	0.39624	370323.62	3758078.00	0.41049
370381.38	3757991.00	0.46196	370435.41	3758019.25	0.44791
370499.31	3758049.75	0.43466	370485.19	3758025.25	0.44802
370480.69	3758086.00	0.41362	370505.53	3758112.75	0.40168
370600.72	3758113.25	0.40606	370695.94	3758113.50	0.41193
370791.12	3758113.75	0.42148	370886.34	3758114.00	0.43347
370911.41	3758089.00	0.45257	370910.97	3757976.00	0.53662
370910.53	3757863.25	0.64903	370910.06	3757750.50	0.80664
370930.06	3757711.75	0.88353	370960.91	3757689.25	0.94243
371046.47	3757692.50	0.97441	371070.81	3757667.50	1.03921
371071.34	3757585.25	1.25223	371046.88	3757610.00	1.17451
371122.22	3757608.50	1.20386	371099.47	3757595.00	1.23397
371134.94	3757663.25	1.07565	371170.41	3757731.75	0.94579
371239.88	3757782.75	0.87545	371263.72	3757807.50	0.84204
371372.38	3757807.25	0.86180	371385.28	3757826.75	0.83554
371485.00	3757895.25	0.75864	371584.72	3757963.75	0.69203

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.63391	371784.16	3758100.75	0.58292
371818.31	3758095.25	0.58788	371873.25	3758021.75	0.64260
371928.19	3757948.50	0.69442	371969.34	3757946.25	0.69057
371989.16	3757923.75	0.70392	371995.12	3757843.25	0.76160
371969.38	3757866.50	0.75030	372022.50	3757868.25	0.73695
372048.31	3757843.00	0.74794	372047.16	3757745.75	0.81363
372046.03	3757648.50	0.87594	372044.88	3757551.25	0.93117
372040.50	3757447.75	0.97995	372036.12	3757345.00	1.01169
372031.75	3757242.00	1.02240	372027.38	3757139.25	1.00910
372002.59	3757115.25	1.02890	371880.53	3757114.25	1.18081
371758.47	3757113.25	1.36473	371636.38	3757112.25	1.58979
371514.31	3757111.25	1.86697	371394.41	3757110.25	2.19692
371274.53	3757109.50	2.61588	371154.62	3757108.50	3.25208
371034.75	3757107.50	3.99053	371059.56	3757132.50	3.66008
371059.44	3757085.25	3.96323	371034.31	3757060.25	4.32272
370944.22	3757060.75	5.14464	370854.12	3757061.25	5.70625
370764.03	3757062.00	6.24399	370789.16	3757086.00	5.62272
370785.78	3756996.25	7.72818	370782.38	3756906.50	10.26076
370778.97	3756816.75	11.70973	370754.94	3756842.75	12.64347
370847.44	3756839.25	9.03389	370939.91	3756835.75	6.02778
371032.41	3756832.25	4.51532	371056.41	3756808.75	4.13279
371058.09	3756781.75	3.97554	371033.69	3756805.25	4.33383
371146.19	3756802.75	3.25932	371258.66	3756800.25	2.53409
371371.16	3756797.75	2.02798	371483.62	3756795.25	1.66266
371595.03	3756793.00	1.38973	371706.41	3756790.50	1.17808
371817.78	3756788.00	1.01101	371932.09	3756785.50	0.87384
372046.38	3756783.00	0.76276	372160.66	3756780.25	0.67141
372274.97	3756777.75	0.59570	372384.72	3756775.50	0.53457
372494.47	3756773.00	0.48232	372604.22	3756770.50	0.43742
372713.97	3756768.00	0.39857	372738.38	3756741.75	0.38124
372732.97	3756646.50	0.34837	372819.62	3756573.75	0.30347
372843.78	3756547.75	0.29058	372839.41	3756453.75	0.26482
372821.25	3756362.50	0.24421	372795.62	3756342.50	0.24325
372731.31	3756327.75	0.24964	372707.19	3756351.75	0.25997
372927.97	3756344.00	0.22445	372952.09	3756318.75	0.21594
372951.22	3756244.75	0.20163	372926.66	3756270.00	0.20935
373032.78	3756268.00	0.19663	373138.88	3756266.25	0.18511
373245.00	3756264.25	0.17457	373351.12	3756262.25	0.16492
373457.25	3756260.50	0.15611	373481.81	3756235.00	0.15115
373480.34	3756122.50	0.13884	373478.88	3756009.75	0.12831

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.11947	373475.94	3755784.50	0.11212
373474.47	3755672.00	0.10608	373473.00	3755559.25	0.10111
373447.00	3755534.75	0.10126	373334.22	3755539.25	0.10659
373221.47	3755543.75	0.11239	373197.47	3755568.25	0.11476
373195.91	3755636.25	0.11820	373194.34	3755704.50	0.12211
373219.59	3755680.00	0.11927	373134.91	3755679.00	0.12405
373159.66	3755703.50	0.12405	373157.94	3755634.75	0.12025
373156.22	3755566.00	0.11690	373132.47	3755541.75	0.11710
373055.34	3755537.75	0.12137	373079.06	3755562.25	0.12113
373077.12	3755465.00	0.11693	373075.16	3755368.00	0.11340
373073.19	3755270.75	0.11037	373071.22	3755173.50	0.10772
373046.00	3755149.00	0.10841	372939.09	3755150.00	0.11443
372832.16	3755151.00	0.12100	372725.25	3755152.00	0.12819
372622.81	3755157.25	0.13587	372527.31	3755158.00	0.14352
372430.69	3755159.00	0.15191	372334.09	3755159.75	0.16099
372237.47	3755160.50	0.17081	372138.81	3755161.25	0.18163
372040.12	3755162.25	0.19329	371941.47	3755163.00	0.20573
371842.78	3755163.75	0.21893	371747.72	3755164.50	0.23229
371652.69	3755165.25	0.24616	371557.62	3755166.25	0.26044
371462.59	3755167.00	0.27480	371359.16	3755167.75	0.29023
371255.72	3755168.75	0.30528	371152.25	3755169.50	0.31953
371048.81	3755170.50	0.33248	371024.06	3755196.50	0.34418
371027.69	3755273.25	0.37219	371031.34	3755350.25	0.40324
371019.94	3755375.50	0.41678	371017.91	3755470.00	0.46396
371017.38	3755556.25	0.51125	371040.31	3755531.50	0.48914
371025.97	3755420.25	0.43664	371015.62	3755399.00	0.42869
370915.81	3755327.25	0.41225	370816.03	3755255.25	0.39240
370736.56	3755243.75	0.39493	370669.19	3755237.00	0.39791
370571.06	3755237.25	0.40711	370475.62	3755237.75	0.41367
370380.12	3755238.25	0.42035	370278.66	3755239.00	0.42707
370177.19	3755239.50	0.42901	370075.72	3755240.00	0.43112
369979.41	3755240.50	0.43028	369883.09	3755241.00	0.42862
369786.78	3755241.50	0.42695	369690.47	3755242.00	0.42331
369594.16	3755242.75	0.42033	369497.88	3755243.25	0.41728
369396.38	3755243.75	0.41262	369294.91	3755244.25	0.40674
369193.44	3755244.75	0.39947	369091.97	3755245.25	0.39078
368990.50	3755246.00	0.38127	368889.03	3755246.50	0.37121
368782.41	3755247.00	0.36050	368675.78	3755247.50	0.34983
368569.12	3755248.25	0.33936	368471.00	3755248.75	0.32978
368372.84	3755249.25	0.32028	368274.69	3755249.75	0.31084

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.29608	368053.72	3755209.25	0.28174
367940.91	3755188.50	0.26826	367824.03	3755184.75	0.25799
367710.84	3755181.25	0.24836	367597.62	3755177.50	0.23900
367484.44	3755174.00	0.23000	367460.69	3755189.25	0.23003
367415.00	3755295.25	0.23858	367369.31	3755401.25	0.24621
367323.59	3755507.25	0.25276	367483.66	3755199.00	0.23293
367300.88	3755623.25	0.26161	367114.28	3756056.25	0.26978
366984.53	3756357.50	0.26198	366852.91	3756663.00	0.24473
366902.28	3756692.00	0.25008	366875.53	3756760.00	0.24521
366812.69	3756738.50	0.23852	366677.25	3757024.50	0.21481
366536.22	3757322.00	0.18875	366437.28	3757530.75	0.17093
366486.94	3757537.25	0.17367	366623.91	3757468.00	0.18694
366644.38	3757530.75	0.18449	366777.06	3757519.75	0.19483
366998.56	3757642.25	0.20226	367174.25	3757739.50	0.20694
367290.72	3757694.25	0.22124	367412.66	3757694.75	0.23217
367409.81	3757735.75	0.22700	367517.78	3757796.25	0.22911
367539.25	3757802.00	0.23027	367609.12	3757676.75	0.25413
367769.06	3757644.25	0.27738	367774.81	3757718.50	0.26582
367809.47	3757834.50	0.25084	367807.06	3757935.50	0.23522
367774.94	3757958.50	0.22918	367798.12	3758011.00	0.22367
367914.41	3757961.50	0.24059	367904.53	3757930.25	0.24464
368108.69	3757840.25	0.28136	368232.75	3757790.25	0.30707
368308.88	3757761.50	0.32424	368603.38	3757765.00	0.36736
368603.84	3757718.50	0.38305	368769.72	3757798.50	0.38201
369017.16	3757954.25	0.35647	369080.28	3757864.00	0.40035
369224.00	3757952.25	0.37725	369408.72	3757730.00	0.52589
369454.22	3757776.00	0.49808	369264.97	3757996.50	0.36169
369451.62	3758128.00	0.32173	369459.97	3758394.25	0.24552
369853.09	3758394.25	0.26382	369850.44	3758078.00	0.36695
370298.62	3758078.25	0.40865	370297.53	3757962.75	0.47544
370382.34	3757966.00	0.47796	370510.12	3758027.25	0.44833
370505.62	3758087.75	0.41439	370886.41	3758089.00	0.44896
370885.06	3757750.50	0.79602	370907.31	3757701.50	0.89202
370944.91	3757670.00	0.97443	371045.81	3757667.50	1.02810
371046.34	3757585.00	1.24388	371121.66	3757583.50	1.27054
371192.59	3757720.25	0.97384	371253.97	3757762.25	0.91277
371263.66	3757782.50	0.88134	371372.34	3757782.25	0.89932
371399.44	3757806.25	0.86649	371798.31	3758080.25	0.59875
371908.19	3757933.50	0.70870	371964.22	3757921.75	0.70956
371970.19	3757841.50	0.76913	372023.31	3757843.25	0.75437

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.94702	372002.41	3757140.25	1.03703
371514.12	3757136.25	1.85314	371034.56	3757132.50	3.64051
371034.44	3757085.25	4.15137	370764.19	3757087.00	5.67914
370754.00	3756817.75	12.96745	371031.47	3756807.25	4.37293
371033.12	3756780.25	4.25131	371483.09	3756770.25	1.61129
371817.25	3756763.00	0.98146	372274.41	3756752.75	0.58022
372713.41	3756743.00	0.38935	372702.62	3756552.50	0.32306
372818.81	3756548.75	0.29600	372814.44	3756455.00	0.26960
372796.75	3756367.50	0.24932	372704.81	3756371.50	0.26583
372706.31	3756326.75	0.25344	372927.09	3756319.25	0.21928
372926.22	3756245.00	0.20459	373456.81	3756235.50	0.15307
373448.00	3755559.75	0.10222	373222.47	3755568.75	0.11346
373219.34	3755705.00	0.12073	373134.66	3755704.00	0.12556
373131.22	3755566.75	0.11834	373054.09	3755562.75	0.12264
373046.22	3755174.00	0.10906	372725.47	3755177.00	0.12901
372624.12	3755182.25	0.13669	372237.69	3755185.50	0.17222
371843.00	3755188.75	0.22153	371462.81	3755192.00	0.27966
371049.03	3755195.50	0.34077	371056.31	3755349.00	0.39789
371043.41	3755384.00	0.41578	371042.38	3755556.25	0.50235
370995.81	3755560.25	0.52105	371001.00	3755419.25	0.44189
370801.41	3755275.50	0.40354	370666.66	3755261.75	0.41021
370380.28	3755263.25	0.43396	370075.88	3755265.00	0.44522
369786.91	3755266.50	0.44050	369498.00	3755268.25	0.42995
369193.59	3755269.75	0.41036	368889.16	3755271.50	0.38023
368569.28	3755273.25	0.34679	368274.84	3755274.75	0.31685
367936.44	3755213.25	0.27223			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.19124	372498.53	3757611.75	0.16506
372248.53	3757861.75	0.16181	372498.53	3757861.75	0.14871
372248.53	3758111.75	0.12748	372498.53	3758111.75	0.12462
372248.53	3758361.75	0.09649	372498.53	3758361.75	0.09950
373792.78	3755334.75	0.01178	374092.78	3755334.75	0.01081
373792.78	3755709.75	0.01485	374092.78	3755709.75	0.01368
373792.78	3756084.75	0.02115	374092.78	3756084.75	0.01916
373792.78	3756459.75	0.03194	374092.78	3756459.75	0.02806
373792.78	3756834.75	0.04683	374092.78	3756834.75	0.04004
373792.78	3757209.75	0.06289	374092.78	3757209.75	0.05315
373792.78	3757584.75	0.07539	374092.78	3757584.75	0.06414
373792.78	3757959.75	0.08043	374092.78	3757959.75	0.06999
373792.78	3758334.75	0.07729	374092.78	3758334.75	0.06954
373792.78	3758709.75	0.06826	374092.78	3758709.75	0.06383
370479.03	3756653.75	6.81908	367277.91	3755613.50	0.04934
367231.25	3755721.75	0.05076	367184.62	3755830.00	0.05184
367137.97	3755938.25	0.05258	367091.34	3756046.50	0.05294
367048.09	3756146.75	0.05294	367004.81	3756247.25	0.05264
366961.56	3756347.50	0.05205	366917.69	3756449.50	0.05117
366873.81	3756551.25	0.05005	366829.94	3756653.00	0.04872
366840.22	3756684.50	0.04875	366889.59	3756713.50	0.04956
366879.00	3756682.75	0.04955	366852.25	3756751.00	0.04854
366883.62	3756736.50	0.04928	366820.78	3756715.00	0.04817
366790.12	3756728.00	0.04748	366744.97	3756823.25	0.04592
366699.81	3756918.50	0.04428	366654.66	3757013.75	0.04257
366607.66	3757113.00	0.04076	366560.62	3757212.00	0.03894
366513.62	3757311.25	0.03713	366464.16	3757415.75	0.03526
366414.69	3757520.00	0.03344	366434.03	3757555.50	0.03318
366483.69	3757562.00	0.03357	366566.69	3757525.00	0.03491
366620.62	3757538.50	0.03528	366646.41	3757555.50	0.03530
366712.75	3757550.25	0.03609	366779.09	3757544.75	0.03690
366838.81	3757582.50	0.03694	366912.62	3757623.25	0.03704
366986.47	3757664.25	0.03710	367074.31	3757712.75	0.03710
367162.16	3757761.25	0.03704	367299.75	3757717.75	0.03942
367384.88	3757734.00	0.04000	367397.59	3757757.50	0.03959
367505.56	3757818.00	0.03929	367532.81	3757826.00	0.03938
367561.06	3757814.00	0.03997	367596.03	3757751.50	0.04197
367630.97	3757689.00	0.04411	367694.09	3757685.00	0.04505
367749.88	3757720.50	0.04472	367785.50	3757841.75	0.04162
367782.09	3757935.00	0.03906	367752.06	3757968.50	0.03793

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.03683	367807.91	3758034.00	0.03678
367866.06	3758009.25	0.03787	367924.19	3757984.50	0.03902
367938.25	3757954.00	0.03998	367928.38	3757922.75	0.04077
367914.62	3757953.25	0.03979	368016.69	3757908.25	0.04206
368118.78	3757863.25	0.04455	368180.06	3757838.50	0.04608
368242.09	3757813.50	0.04772	368317.75	3757784.75	0.04977
368406.72	3757787.75	0.05076	368504.88	3757788.75	0.05192
368603.06	3757790.00	0.05303	368628.38	3757765.25	0.05456
368675.91	3757781.00	0.05431	368758.84	3757821.00	0.05309
368838.88	3757871.50	0.05107	368921.38	3757923.50	0.04875
369003.84	3757975.50	0.04622	369037.66	3757968.75	0.04654
369100.78	3757878.25	0.05152	369067.19	3757885.25	0.05111
369139.03	3757929.50	0.04849	369210.91	3757973.75	0.04572
369243.25	3757968.25	0.04582	369304.81	3757894.25	0.04979
369366.38	3757820.00	0.05442	369436.44	3757793.50	0.05567
369435.25	3757759.75	0.05866	369250.56	3758016.75	0.04318
369343.91	3758082.50	0.03927	369437.25	3758148.25	0.03577
369429.41	3758217.50	0.03327	369432.19	3758306.25	0.03040
369434.97	3758395.00	0.02796	369459.97	3758419.25	0.02728
369558.25	3758419.25	0.02714	369656.53	3758419.25	0.02719
369754.81	3758419.25	0.02746	369853.09	3758419.25	0.02790
369878.09	3758394.00	0.02860	369877.19	3758288.75	0.03112
369876.31	3758183.25	0.03408	369962.47	3758103.00	0.03731
370074.53	3758103.00	0.03842	370186.59	3758103.00	0.03960
370298.62	3758103.25	0.04098	370323.62	3758078.00	0.04235
370381.38	3757991.00	0.04715	370435.41	3758019.25	0.04649
370499.31	3758049.75	0.04608	370485.19	3758025.25	0.04714
370480.69	3758086.00	0.04390	370505.53	3758112.75	0.04313
370600.72	3758113.25	0.04455	370695.94	3758113.50	0.04637
370791.12	3758113.75	0.04911	370886.34	3758114.00	0.05269
370911.41	3758089.00	0.05567	370910.97	3757976.00	0.06600
370910.53	3757863.25	0.08021	370910.06	3757750.50	0.10083
370930.06	3757711.75	0.11323	370960.91	3757689.25	0.12512
371046.47	3757692.50	0.14045	371070.81	3757667.50	0.15461
371071.34	3757585.25	0.19251	371046.88	3757610.00	0.17441
371122.22	3757608.50	0.19244	371099.47	3757595.00	0.19416
371134.94	3757663.25	0.17001	371170.41	3757731.75	0.15018
371239.88	3757782.75	0.14431	371263.72	3757807.50	0.14010
371372.38	3757807.25	0.15464	371385.28	3757826.75	0.15015
371485.00	3757895.25	0.14140	371584.72	3757963.75	0.13306

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.12521	371784.16	3758100.75	0.11788
371818.31	3758095.25	0.12059	371873.25	3758021.75	0.13664
371928.19	3757948.50	0.15247	371969.34	3757946.25	0.15338
371989.16	3757923.75	0.15778	371995.12	3757843.25	0.17336
371969.38	3757866.50	0.16911	372022.50	3757868.25	0.16806
372048.31	3757843.00	0.17216	372047.16	3757745.75	0.18985
372046.03	3757648.50	0.20674	372044.88	3757551.25	0.22172
372040.50	3757447.75	0.23467	372036.12	3757345.00	0.24266
372031.75	3757242.00	0.24446	372027.38	3757139.25	0.23918
372002.59	3757115.25	0.24296	371880.53	3757114.25	0.27753
371758.47	3757113.25	0.31874	371636.38	3757112.25	0.36781
371514.31	3757111.25	0.42586	371394.41	3757110.25	0.49236
371274.53	3757109.50	0.57008	371154.62	3757108.50	0.66457
371034.75	3757107.50	0.74926	371059.56	3757132.50	0.69315
371059.44	3757085.25	0.76861	371034.31	3757060.25	0.83192
370944.22	3757060.75	0.90926	370854.12	3757061.25	0.92354
370764.03	3757062.00	0.87172	370789.16	3757086.00	0.80242
370785.78	3756996.25	1.20118	370782.38	3756906.50	1.72833
370778.97	3756816.75	2.04784	370754.94	3756842.75	2.04310
370847.44	3756839.25	1.63306	370939.91	3756835.75	1.25116
371032.41	3756832.25	0.96781	371056.41	3756808.75	0.87339
371058.09	3756781.75	0.83485	371033.69	3756805.25	0.92441
371146.19	3756802.75	0.69310	371258.66	3756800.25	0.53943
371371.16	3756797.75	0.43308	371483.62	3756795.25	0.35572
371595.03	3756793.00	0.29806	371706.41	3756790.50	0.25333
371817.78	3756788.00	0.21798	371932.09	3756785.50	0.18893
372046.38	3756783.00	0.16536	372160.66	3756780.25	0.14593
372274.97	3756777.75	0.12980	372384.72	3756775.50	0.11677
372494.47	3756773.00	0.10560	372604.22	3756770.50	0.09599
372713.97	3756768.00	0.08766	372738.38	3756741.75	0.08317
372732.97	3756646.50	0.07336	372819.62	3756573.75	0.06229
372843.78	3756547.75	0.05907	372839.41	3756453.75	0.05156
372821.25	3756362.50	0.04534	372795.62	3756342.50	0.04457
372731.31	3756327.75	0.04505	372707.19	3756351.75	0.04741
372927.97	3756344.00	0.04173	372952.09	3756318.75	0.03973
372951.22	3756244.75	0.03572	372926.66	3756270.00	0.03747
373032.78	3756268.00	0.03557	373138.88	3756266.25	0.03383
373245.00	3756264.25	0.03221	373351.12	3756262.25	0.03070
373457.25	3756260.50	0.02930	373481.81	3756235.00	0.02812
373480.34	3756122.50	0.02461	373478.88	3756009.75	0.02167

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.01927	373475.94	3755784.50	0.01733
373474.47	3755672.00	0.01582	373473.00	3755559.25	0.01463
373447.00	3755534.75	0.01453	373334.22	3755539.25	0.01511
373221.47	3755543.75	0.01572	373197.47	3755568.25	0.01609
373195.91	3755636.25	0.01682	373194.34	3755704.50	0.01770
373219.59	3755680.00	0.01723	373134.91	3755679.00	0.01770
373159.66	3755703.50	0.01789	373157.94	3755634.75	0.01702
373156.22	3755566.00	0.01629	373132.47	3755541.75	0.01620
373055.34	3755537.75	0.01661	373079.06	3755562.25	0.01670
373077.12	3755465.00	0.01588	373075.16	3755368.00	0.01526
373073.19	3755270.75	0.01479	373071.22	3755173.50	0.01443
373046.00	3755149.00	0.01452	372939.09	3755150.00	0.01525
372832.16	3755151.00	0.01606	372725.25	3755152.00	0.01696
372622.81	3755157.25	0.01793	372527.31	3755158.00	0.01892
372430.69	3755159.00	0.02001	372334.09	3755159.75	0.02121
372237.47	3755160.50	0.02251	372138.81	3755161.25	0.02395
372040.12	3755162.25	0.02548	371941.47	3755163.00	0.02710
371842.78	3755163.75	0.02877	371747.72	3755164.50	0.03040
371652.69	3755165.25	0.03201	371557.62	3755166.25	0.03358
371462.59	3755167.00	0.03506	371359.16	3755167.75	0.03655
371255.72	3755168.75	0.03791	371152.25	3755169.50	0.03911
371048.81	3755170.50	0.04023	371024.06	3755196.50	0.04136
371027.69	3755273.25	0.04411	371031.34	3755350.25	0.04714
371019.94	3755375.50	0.04841	371017.91	3755470.00	0.05287
371017.38	3755556.25	0.05740	371040.31	3755531.50	0.05545
371025.97	3755420.25	0.05032	371015.62	3755399.00	0.04954
370915.81	3755327.25	0.04784	370816.03	3755255.25	0.04599
370736.56	3755243.75	0.04645	370669.19	3755237.00	0.04698
370571.06	3755237.25	0.04824	370475.62	3755237.75	0.04941
370380.12	3755238.25	0.05045	370278.66	3755239.00	0.05120
370177.19	3755239.50	0.05138	370075.72	3755240.00	0.05119
369979.41	3755240.50	0.05068	369883.09	3755241.00	0.05002
369786.78	3755241.50	0.04936	369690.47	3755242.00	0.04879
369594.16	3755242.75	0.04844	369497.88	3755243.25	0.04829
369396.38	3755243.75	0.04823	369294.91	3755244.25	0.04821
369193.44	3755244.75	0.04820	369091.97	3755245.25	0.04818
368990.50	3755246.00	0.04820	368889.03	3755246.50	0.04829
368782.41	3755247.00	0.04842	368675.78	3755247.50	0.04854
368569.12	3755248.25	0.04862	368471.00	3755248.75	0.04861
368372.84	3755249.25	0.04849	368274.69	3755249.75	0.04826

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.04705	368053.72	3755209.25	0.04578
367940.91	3755188.50	0.04449	367824.03	3755184.75	0.04373
367710.84	3755181.25	0.04293	367597.62	3755177.50	0.04206
367484.44	3755174.00	0.04116	367460.69	3755189.25	0.04137
367415.00	3755295.25	0.04363	367369.31	3755401.25	0.04575
367323.59	3755507.25	0.04767	367483.66	3755199.00	0.04179
367300.88	3755623.25	0.04992	367114.28	3756056.25	0.05354
366984.53	3756357.50	0.05258	366852.91	3756663.00	0.04913
366902.28	3756692.00	0.04997	366875.53	3756760.00	0.04893
366812.69	3756738.50	0.04785	366677.25	3757024.50	0.04281
366536.22	3757322.00	0.03727	366437.28	3757530.75	0.03352
366486.94	3757537.25	0.03393	366623.91	3757468.00	0.03633
366644.38	3757530.75	0.03564	366777.06	3757519.75	0.03728
366998.56	3757642.25	0.03764	367174.25	3757739.50	0.03761
367290.72	3757694.25	0.03985	367412.66	3757694.75	0.04126
367409.81	3757735.75	0.04024	367517.78	3757796.25	0.03995
367539.25	3757802.00	0.04004	367609.12	3757676.75	0.04417
367769.06	3757644.25	0.04733	367774.81	3757718.50	0.04510
367809.47	3757834.50	0.04208	367807.06	3757935.50	0.03928
367774.94	3757958.50	0.03839	367798.12	3758011.00	0.03727
367914.41	3757961.50	0.03956	367904.53	3757930.25	0.04033
368108.69	3757840.25	0.04521	368232.75	3757790.25	0.04849
368308.88	3757761.50	0.05061	368603.38	3757765.00	0.05426
368603.84	3757718.50	0.05665	368769.72	3757798.50	0.05438
369017.16	3757954.25	0.04730	369080.28	3757864.00	0.05237
369224.00	3757952.25	0.04684	369408.72	3757730.00	0.06148
369454.22	3757776.00	0.05689	369264.97	3757996.50	0.04412
369451.62	3758128.00	0.03647	369459.97	3758394.25	0.02790
369853.09	3758394.25	0.02845	369850.44	3758078.00	0.03746
370298.62	3758078.25	0.04203	370297.53	3757962.75	0.04758
370382.34	3757966.00	0.04851	370510.12	3758027.25	0.04745
370505.62	3758087.75	0.04430	370886.41	3758089.00	0.05452
370885.06	3757750.50	0.09738	370907.31	3757701.50	0.11210
370944.91	3757670.00	0.12797	371045.81	3757667.50	0.14936
371046.34	3757585.00	0.18646	371121.66	3757583.50	0.20525
371192.59	3757720.25	0.15820	371253.97	3757762.25	0.15323
371263.66	3757782.50	0.14794	371372.34	3757782.25	0.16279
371399.44	3757806.25	0.15819	371798.31	3758080.25	0.12235
371908.19	3757933.50	0.15521	371964.22	3757921.75	0.15812
371970.19	3757841.50	0.17415	372023.31	3757843.25	0.17275

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.22480	372002.41	3757140.25	0.24561
371514.12	3757136.25	0.42318	371034.56	3757132.50	0.68965
371034.44	3757085.25	0.78873	370764.19	3757087.00	0.77236
370754.00	3756817.75	2.21278	371031.47	3756807.25	0.93253
371033.12	3756780.25	0.89256	371483.09	3756770.25	0.34028
371817.25	3756763.00	0.20917	372274.41	3756752.75	0.12520
372713.41	3756743.00	0.08491	372702.62	3756552.50	0.06525
372818.81	3756548.75	0.06011	372814.44	3756455.00	0.05242
372796.75	3756367.50	0.04630	372704.81	3756371.50	0.04899
372706.31	3756326.75	0.04557	372927.09	3756319.25	0.04026
372926.22	3756245.00	0.03614	373456.81	3756235.50	0.02842
373448.00	3755559.75	0.01475	373222.47	3755568.75	0.01596
373219.34	3755705.00	0.01757	373134.66	3755704.00	0.01804
373131.22	3755566.75	0.01644	373054.09	3755562.75	0.01686
373046.22	3755174.00	0.01459	372725.47	3755177.00	0.01703
372624.12	3755182.25	0.01799	372237.69	3755185.50	0.02261
371843.00	3755188.75	0.02900	371462.81	3755192.00	0.03559
371049.03	3755195.50	0.04106	371056.31	3755349.00	0.04670
371043.41	3755384.00	0.04838	371042.38	3755556.25	0.05668
370995.81	3755560.25	0.05822	371001.00	3755419.25	0.05074
370801.41	3755275.50	0.04705	370666.66	3755261.75	0.04815
370380.28	3755263.25	0.05177	370075.88	3755265.00	0.05250
369786.91	3755266.50	0.05056	369498.00	3755268.25	0.04948
369193.59	3755269.75	0.04938	368889.16	3755271.50	0.04952
368569.28	3755273.25	0.04985	368274.84	3755274.75	0.04937
367936.44	3755213.25	0.04533			

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372248.53	3757611.75	0.21706	372498.53	3757611.75	0.18546
372248.53	3757861.75	0.18467	372498.53	3757861.75	0.16744
372248.53	3758111.75	0.14688	372498.53	3758111.75	0.14112
372248.53	3758361.75	0.11251	372498.53	3758361.75	0.11364
373792.78	3755334.75	0.01538	374092.78	3755334.75	0.01393
373792.78	3755709.75	0.01879	374092.78	3755709.75	0.01706
373792.78	3756084.75	0.02556	374092.78	3756084.75	0.02290
373792.78	3756459.75	0.03704	374092.78	3756459.75	0.03233
373792.78	3756834.75	0.05280	374092.78	3756834.75	0.04497
373792.78	3757209.75	0.06968	374092.78	3757209.75	0.05871
373792.78	3757584.75	0.08268	374092.78	3757584.75	0.07013
373792.78	3757959.75	0.08773	374092.78	3757959.75	0.07607
373792.78	3758334.75	0.08415	374092.78	3758334.75	0.07537
373792.78	3758709.75	0.07443	374092.78	3758709.75	0.06918
370479.03	3756653.75	7.65906	367277.91	3755613.50	0.06238
367231.25	3755721.75	0.06378	367184.62	3755830.00	0.06479
367137.97	3755938.25	0.06540	367091.34	3756046.50	0.06558
367048.09	3756146.75	0.06539	367004.81	3756247.25	0.06485
366961.56	3756347.50	0.06400	366917.69	3756449.50	0.06284
366873.81	3756551.25	0.06141	366829.94	3756653.00	0.05975
366840.22	3756684.50	0.05984	366889.59	3756713.50	0.06098
366879.00	3756682.75	0.06091	366852.25	3756751.00	0.05967
366883.62	3756736.50	0.06064	366820.78	3756715.00	0.05911
366790.12	3756728.00	0.05822	366744.97	3756823.25	0.05630
366699.81	3756918.50	0.05429	366654.66	3757013.75	0.05221
366607.66	3757113.00	0.05000	366560.62	3757212.00	0.04778
366513.62	3757311.25	0.04556	366464.16	3757415.75	0.04326
366414.69	3757520.00	0.04102	366434.03	3757555.50	0.04074
366483.69	3757562.00	0.04130	366566.69	3757525.00	0.04305
366620.62	3757538.50	0.04360	366646.41	3757555.50	0.04368
366712.75	3757550.25	0.04476	366779.09	3757544.75	0.04588
366838.81	3757582.50	0.04606	366912.62	3757623.25	0.04634
366986.47	3757664.25	0.04656	367074.31	3757712.75	0.04675
367162.16	3757761.25	0.04685	367299.75	3757717.75	0.05017
367384.88	3757734.00	0.05110	367397.59	3757757.50	0.05061
367505.56	3757818.00	0.05046	367532.81	3757826.00	0.05064
367561.06	3757814.00	0.05147	367596.03	3757751.50	0.05417
367630.97	3757689.00	0.05706	367694.09	3757685.00	0.05847
367749.88	3757720.50	0.05820	367785.50	3757841.75	0.05417
367782.09	3757935.00	0.05075	367752.06	3757968.50	0.04919

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367775.25	3758021.25	0.04777	367807.91	3758034.00	0.04777
367866.06	3758009.25	0.04935	367924.19	3757984.50	0.05101
367938.25	3757954.00	0.05234	367928.38	3757922.75	0.05338
367914.62	3757953.25	0.05202	368016.69	3757908.25	0.05534
368118.78	3757863.25	0.05900	368180.06	3757838.50	0.06128
368242.09	3757813.50	0.06372	368317.75	3757784.75	0.06682
368406.72	3757787.75	0.06852	368504.88	3757788.75	0.07053
368603.06	3757790.00	0.07252	368628.38	3757765.25	0.07481
368675.91	3757781.00	0.07469	368758.84	3757821.00	0.07336
368838.88	3757871.50	0.07091	368921.38	3757923.50	0.06805
369003.84	3757975.50	0.06490	369037.66	3757968.75	0.06556
369100.78	3757878.25	0.07318	369067.19	3757885.25	0.07234
369139.03	3757929.50	0.06907	369210.91	3757973.75	0.06555
369243.25	3757968.25	0.06596	369304.81	3757894.25	0.07243
369366.38	3757820.00	0.08016	369436.44	3757793.50	0.08255
369435.25	3757759.75	0.08763	369250.56	3758016.75	0.06206
369343.91	3758082.50	0.05695	369437.25	3758148.25	0.05232
369429.41	3758217.50	0.04849	369432.19	3758306.25	0.04416
369434.97	3758395.00	0.04045	369459.97	3758419.25	0.03950
369558.25	3758419.25	0.03952	369656.53	3758419.25	0.03979
369754.81	3758419.25	0.04032	369853.09	3758419.25	0.04108
369878.09	3758394.00	0.04222	369877.19	3758288.75	0.04637
369876.31	3758183.25	0.05131	369962.47	3758103.00	0.05684
370074.53	3758103.00	0.05896	370186.59	3758103.00	0.06055
370298.62	3758103.25	0.06289	370323.62	3758078.00	0.06518
370381.38	3757991.00	0.07268	370435.41	3758019.25	0.07104
370499.31	3758049.75	0.06978	370485.19	3758025.25	0.07166
370480.69	3758086.00	0.06635	370505.53	3758112.75	0.06487
370600.72	3758113.25	0.06637	370695.94	3758113.50	0.06832
370791.12	3758113.75	0.07162	370886.34	3758114.00	0.07592
370911.41	3758089.00	0.08005	370910.97	3757976.00	0.09550
370910.53	3757863.25	0.11669	370910.06	3757750.50	0.14693
370930.06	3757711.75	0.16405	370960.91	3757689.25	0.17954
371046.47	3757692.50	0.19607	371070.81	3757667.50	0.21367
371071.34	3757585.25	0.26330	371046.88	3757610.00	0.24137
371122.22	3757608.50	0.25927	371099.47	3757595.00	0.26321
371134.94	3757663.25	0.22945	371170.41	3757731.75	0.20183
371239.88	3757782.75	0.19098	371263.72	3757807.50	0.18462
371372.38	3757807.25	0.19812	371385.28	3757826.75	0.19214
371485.00	3757895.25	0.17804	371584.72	3757963.75	0.16524

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371684.44	3758032.25	0.15363	371784.16	3758100.75	0.14309
371818.31	3758095.25	0.14558	371873.25	3758021.75	0.16287
371928.19	3757948.50	0.17966	371969.34	3757946.25	0.17989
371989.16	3757923.75	0.18443	371995.12	3757843.25	0.20167
371969.38	3757866.50	0.19745	372022.50	3757868.25	0.19524
372048.31	3757843.00	0.19931	372047.16	3757745.75	0.21891
372046.03	3757648.50	0.23760	372044.88	3757551.25	0.25418
372040.50	3757447.75	0.26860	372036.12	3757345.00	0.27764
372031.75	3757242.00	0.27992	372027.38	3757139.25	0.27446
372002.59	3757115.25	0.27924	371880.53	3757114.25	0.32045
371758.47	3757113.25	0.37009	371636.38	3757112.25	0.43016
371514.31	3757111.25	0.50288	371394.41	3757110.25	0.58817
371274.53	3757109.50	0.69221	371154.62	3757108.50	0.82407
371034.75	3757107.50	0.96503	371059.56	3757132.50	0.88956
371059.44	3757085.25	0.97479	371034.31	3757060.25	1.05842
370944.22	3757060.75	1.20877	370854.12	3757061.25	1.29303
370764.03	3757062.00	1.29111	370789.16	3757086.00	1.17357
370785.78	3756996.25	1.73314	370782.38	3756906.50	2.35206
370778.97	3756816.75	2.81086	370754.94	3756842.75	3.01922
370847.44	3756839.25	2.20032	370939.91	3756835.75	1.55110
371032.41	3756832.25	1.17027	371056.41	3756808.75	1.06026
371058.09	3756781.75	1.00919	371033.69	3756805.25	1.11574
371146.19	3756802.75	0.83597	371258.66	3756800.25	0.64956
371371.16	3756797.75	0.51923	371483.62	3756795.25	0.42477
371595.03	3756793.00	0.35447	371706.41	3756790.50	0.30009
371817.78	3756788.00	0.25728	371932.09	3756785.50	0.22221
372046.38	3756783.00	0.19386	372160.66	3756780.25	0.17057
372274.97	3756777.75	0.15130	372384.72	3756775.50	0.13577
372494.47	3756773.00	0.12249	372604.22	3756770.50	0.11108
372713.97	3756768.00	0.10122	372738.38	3756741.75	0.09621
372732.97	3756646.50	0.08568	372819.62	3756573.75	0.07319
372843.78	3756547.75	0.06957	372839.41	3756453.75	0.06148
372821.25	3756362.50	0.05486	372795.62	3756342.50	0.05416
372731.31	3756327.75	0.05505	372707.19	3756351.75	0.05776
372927.97	3756344.00	0.05040	372952.09	3756318.75	0.04813
372951.22	3756244.75	0.04379	372926.66	3756270.00	0.04579
373032.78	3756268.00	0.04327	373138.88	3756266.25	0.04097
373245.00	3756264.25	0.03884	373351.12	3756262.25	0.03687
373457.25	3756260.50	0.03506	373481.81	3756235.00	0.03373
373480.34	3756122.50	0.02998	373478.88	3756009.75	0.02681

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
373477.41	3755897.25	0.02422	373475.94	3755784.50	0.02211
373474.47	3755672.00	0.02044	373473.00	3755559.25	0.01912
373447.00	3755534.75	0.01905	373334.22	3755539.25	0.01993
373221.47	3755543.75	0.02087	373197.47	3755568.25	0.02135
373195.91	3755636.25	0.02219	373194.34	3755704.50	0.02319
373219.59	3755680.00	0.02260	373134.91	3755679.00	0.02335
373159.66	3755703.50	0.02350	373157.94	3755634.75	0.02251
373156.22	3755566.00	0.02168	373132.47	3755541.75	0.02162
373055.34	3755537.75	0.02229	373079.06	3755562.25	0.02234
373077.12	3755465.00	0.02137	373075.16	3755368.00	0.02061
373073.19	3755270.75	0.02002	373071.22	3755173.50	0.01955
373046.00	3755149.00	0.01967	372939.09	3755150.00	0.02075
372832.16	3755151.00	0.02193	372725.25	3755152.00	0.02324
372622.81	3755157.25	0.02465	372527.31	3755158.00	0.02608
372430.69	3755159.00	0.02766	372334.09	3755159.75	0.02938
372237.47	3755160.50	0.03126	372138.81	3755161.25	0.03334
372040.12	3755162.25	0.03558	371941.47	3755163.00	0.03797
371842.78	3755163.75	0.04047	371747.72	3755164.50	0.04297
371652.69	3755165.25	0.04550	371557.62	3755166.25	0.04803
371462.59	3755167.00	0.05047	371359.16	3755167.75	0.05297
371255.72	3755168.75	0.05527	371152.25	3755169.50	0.05730
371048.81	3755170.50	0.05907	371024.06	3755196.50	0.06096
371027.69	3755273.25	0.06570	371031.34	3755350.25	0.07096
371019.94	3755375.50	0.07317	371017.91	3755470.00	0.08105
371017.38	3755556.25	0.08912	371040.31	3755531.50	0.08557
371025.97	3755420.25	0.07653	371015.62	3755399.00	0.07514
370915.81	3755327.25	0.07187	370816.03	3755255.25	0.06816
370736.56	3755243.75	0.06846	370669.19	3755237.00	0.06894
370571.06	3755237.25	0.07062	370475.62	3755237.75	0.07202
370380.12	3755238.25	0.07346	370278.66	3755239.00	0.07485
370177.19	3755239.50	0.07517	370075.72	3755240.00	0.07538
369979.41	3755240.50	0.07503	369883.09	3755241.00	0.07457
369786.78	3755241.50	0.07422	369690.47	3755242.00	0.07378
369594.16	3755242.75	0.07366	369497.88	3755243.25	0.07378
369396.38	3755243.75	0.07378	369294.91	3755244.25	0.07371
369193.44	3755244.75	0.07349	369091.97	3755245.25	0.07306
368990.50	3755246.00	0.07255	368889.03	3755246.50	0.07198
368782.41	3755247.00	0.07135	368675.78	3755247.50	0.07065
368569.12	3755248.25	0.06989	368471.00	3755248.75	0.06908
368372.84	3755249.25	0.06816	368274.69	3755249.75	0.06712

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368166.50	3755229.75	0.06475	368053.72	3755209.25	0.06236
367940.91	3755188.50	0.06003	367824.03	3755184.75	0.05841
367710.84	3755181.25	0.05682	367597.62	3755177.50	0.05519
367484.44	3755174.00	0.05358	367460.69	3755189.25	0.05373
367415.00	3755295.25	0.05628	367369.31	3755401.25	0.05860
367323.59	3755507.25	0.06064	367483.66	3755199.00	0.05435
367300.88	3755623.25	0.06317	367114.28	3756056.25	0.06639
366984.53	3756357.50	0.06471	366852.91	3756663.00	0.06032
366902.28	3756692.00	0.06149	366875.53	3756760.00	0.06022
366812.69	3756738.50	0.05873	366677.25	3757024.50	0.05256
366536.22	3757322.00	0.04578	366437.28	3757530.75	0.04116
366486.94	3757537.25	0.04173	366623.91	3757468.00	0.04486
366644.38	3757530.75	0.04409	366777.06	3757519.75	0.04634
366998.56	3757642.25	0.04726	367174.25	3757739.50	0.04759
367290.72	3757694.25	0.05069	367412.66	3757694.75	0.05279
367409.81	3757735.75	0.05147	367517.78	3757796.25	0.05135
367539.25	3757802.00	0.05151	367609.12	3757676.75	0.05708
367769.06	3757644.25	0.06170	367774.81	3757718.50	0.05877
367809.47	3757834.50	0.05485	367807.06	3757935.50	0.05110
367774.94	3757958.50	0.04984	367798.12	3758011.00	0.04840
367914.41	3757961.50	0.05172	367904.53	3757930.25	0.05274
368108.69	3757840.25	0.05988	368232.75	3757790.25	0.06476
368308.88	3757761.50	0.06796	368603.38	3757765.00	0.07427
368603.84	3757718.50	0.07768	368769.72	3757798.50	0.07527
369017.16	3757954.25	0.06653	369080.28	3757864.00	0.07428
369224.00	3757952.25	0.06730	369408.72	3757730.00	0.09175
369454.22	3757776.00	0.08462	369264.97	3757996.50	0.06356
369451.62	3758128.00	0.05348	369459.97	3758394.25	0.04045
369853.09	3758394.25	0.04198	369850.44	3758078.00	0.05702
370298.62	3758078.25	0.06474	370297.53	3757962.75	0.07475
370382.34	3757966.00	0.07502	370510.12	3758027.25	0.07195
370505.62	3758087.75	0.06679	370886.41	3758089.00	0.07869
370885.06	3757750.50	0.14290	370907.31	3757701.50	0.16353
370944.91	3757670.00	0.18451	371045.81	3757667.50	0.20823
371046.34	3757585.00	0.25741	371121.66	3757583.50	0.27578
371192.59	3757720.25	0.21092	371253.97	3757762.25	0.20156
371263.66	3757782.50	0.19448	371372.34	3757782.25	0.20802
371399.44	3757806.25	0.20133	371798.31	3758080.25	0.14797
371908.19	3757933.50	0.18314	371964.22	3757921.75	0.18529
371970.19	3757841.50	0.20305	372023.31	3757843.25	0.20044

CONC DFAULT ELEV FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
372019.88	3757551.50	0.25810	372002.41	3757140.25	0.28209
371514.12	3757136.25	0.49958	371034.56	3757132.50	0.90207
371034.44	3757085.25	1.00942	370764.19	3757087.00	1.15846
370754.00	3756817.75	3.09069	371031.47	3756807.25	1.12769
371033.12	3756780.25	1.07782	371483.09	3756770.25	0.40752
371817.25	3756763.00	0.24759	372274.41	3756752.75	0.14631
372713.41	3756743.00	0.09827	372702.62	3756552.50	0.07713
372818.81	3756548.75	0.07083	372814.44	3756455.00	0.06255
372796.75	3756367.50	0.05603	372704.81	3756371.50	0.05950
372706.31	3756326.75	0.05576	372927.09	3756319.25	0.04881
372926.22	3756245.00	0.04435	373456.81	3756235.50	0.03413
373448.00	3755559.75	0.01930	373222.47	3755568.75	0.02114
373219.34	3755705.00	0.02298	373134.66	3755704.00	0.02374
373131.22	3755566.75	0.02191	373054.09	3755562.75	0.02258
373046.22	3755174.00	0.01978	372725.47	3755177.00	0.02336
372624.12	3755182.25	0.02475	372237.69	3755185.50	0.03144
371843.00	3755188.75	0.04086	371462.81	3755192.00	0.05130
371049.03	3755195.50	0.06049	371056.31	3755349.00	0.07021
371043.41	3755384.00	0.07314	371042.38	3755556.25	0.08780
370995.81	3755560.25	0.09062	371001.00	3755419.25	0.07726
370801.41	3755275.50	0.06994	370666.66	3755261.75	0.07093
370380.28	3755263.25	0.07568	370075.88	3755265.00	0.07767
369786.91	3755266.50	0.07638	369498.00	3755268.25	0.07589
369193.59	3755269.75	0.07547	368889.16	3755271.50	0.07386
368569.28	3755273.25	0.07161	368274.84	3755274.75	0.06859
367936.44	3755213.25	0.06108			

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.67113	(96090906)	372498.53	3757611.75	1.51227	(96020121)
372248.53	3757861.75	1.62690	(96092820)	372498.53	3757861.75	1.54007	(96062303)
372248.53	3758111.75	1.58336	(96010104)	372498.53	3758111.75	1.43799	(96010104)
372248.53	3758361.75	1.43110	(96011321)	372498.53	3758361.75	1.47495	(96010104)
373792.78	3755334.75	1.23243	(96010203)	374092.78	3755334.75	1.09724	(96010203)
373792.78	3755709.75	1.03225	(96052101)	374092.78	3755709.75	1.06090	(96052101)
373792.78	3756084.75	1.27449	(96052101)	374092.78	3756084.75	1.18654	(96052101)
373792.78	3756459.75	1.24372	(96052201)	374092.78	3756459.75	1.18263	(96052201)
373792.78	3756834.75	1.21740	(96052201)	374092.78	3756834.75	1.16085	(96052201)
373792.78	3757209.75	1.28025	(96051805)	374092.78	3757209.75	1.19207	(96051805)
373792.78	3757584.75	1.14610	(96020204)	374092.78	3757584.75	1.07161	(96020204)
373792.78	3757959.75	1.24454	(96051204)	374092.78	3757959.75	1.18291	(96051204)
373792.78	3758334.75	1.06238	(96062303)	374092.78	3758334.75	0.98633	(96051204)
373792.78	3758709.75	1.16636	(96062303)	374092.78	3758709.75	1.10352	(96062303)
370479.03	3756653.75	13.39454	(96062515)	367277.91	3755613.50	1.34698	(96050805)
367231.25	3755721.75	1.30131	(96012702)	367184.62	3755830.00	1.30146	(96021607)
367137.97	3755938.25	1.35899	(96010801)	367091.34	3756046.50	1.38085	(96020721)
367048.09	3756146.75	1.35024	(96020721)	367004.81	3756247.25	1.29911	(96010804)
366961.56	3756347.50	1.32174	(96010804)	366917.69	3756449.50	1.33402	(96010805)
366873.81	3756551.25	1.31075	(96090202)	366829.94	3756653.00	1.31956	(96090202)
366840.22	3756684.50	1.31593	(96090202)	366889.59	3756713.50	1.31717	(96090202)
366879.00	3756682.75	1.32624	(96090202)	366852.25	3756751.00	1.28672	(96090202)
366883.62	3756736.50	1.30332	(96090202)	366820.78	3756715.00	1.29962	(96090202)
366790.12	3756728.00	1.28584	(96090202)	366744.97	3756823.25	1.27434	(96010303)
366699.81	3756918.50	1.26994	(96010303)	366654.66	3757013.75	1.21917	(96010303)
366607.66	3757113.00	1.22370	(96012624)	366560.62	3757212.00	1.21575	(96010204)
366513.62	3757311.25	1.21824	(96010204)	366464.16	3757415.75	1.19976	(96010202)
366414.69	3757520.00	1.18257	(96010604)	366434.03	3757555.50	1.18446	(96010604)
366483.69	3757562.00	1.19272	(96010604)	366566.69	3757525.00	1.21620	(96010604)
366620.62	3757538.50	1.22341	(96010604)	366646.41	3757555.50	1.22643	(96010603)
366712.75	3757550.25	1.24551	(96010603)	366779.09	3757544.75	1.26424	(96010603)
366838.81	3757582.50	1.27954	(96010603)	366912.62	3757623.25	1.27951	(96010603)
366986.47	3757664.25	1.31723	(96010721)	367074.31	3757712.75	1.34163	(96010721)
367162.16	3757761.25	1.36645	(96050521)	367299.75	3757717.75	1.40643	(96050521)
367384.88	3757734.00	1.42451	(96050521)	367397.59	3757757.50	1.41679	(96050521)
367505.56	3757818.00	1.42985	(96011402)	367532.81	3757826.00	1.43599	(96011402)
367561.06	3757814.00	1.44424	(96011402)	367596.03	3757751.50	1.45358	(96011402)
367630.97	3757689.00	1.47254	(96050521)	367694.09	3757685.00	1.47424	(96050521)
367749.88	3757720.50	1.50061	(96011402)	367785.50	3757841.75	1.42688	(96011023)
367782.09	3757935.00	1.48210	(96011023)	367752.06	3757968.50	1.47629	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.47469	(96011023)	367807.91	3758034.00	1.46979	(96011023)
367866.06	3758009.25	1.48269	(96011023)	367924.19	3757984.50	1.49476	(96011023)
367938.25	3757954.00	1.51382	(96011023)	367928.38	3757922.75	1.52614	(96011023)
367914.62	3757953.25	1.51375	(96011023)	368016.69	3757908.25	1.53837	(96011023)
368118.78	3757863.25	1.56024	(96011023)	368180.06	3757838.50	1.57468	(96061824)
368242.09	3757813.50	1.59465	(96061824)	368317.75	3757784.75	1.62287	(96051022)
368406.72	3757787.75	1.66982	(96051022)	368504.88	3757788.75	1.70051	(96051022)
368603.06	3757790.00	1.71961	(96020719)	368628.38	3757765.25	1.73854	(96020719)
368675.91	3757781.00	1.82004	(96020719)	368758.84	3757821.00	1.92349	(96020719)
368838.88	3757871.50	1.93081	(96020719)	368921.38	3757923.50	1.92081	(96021823)
369003.84	3757975.50	1.92854	(96021824)	369037.66	3757968.75	1.95040	(96021824)
369100.78	3757878.25	2.07437	(96021824)	369067.19	3757885.25	2.04447	(96021824)
369139.03	3757929.50	2.09114	(96040521)	369210.91	3757973.75	2.15065	(96040521)
369243.25	3757968.25	2.17034	(96040521)	369304.81	3757894.25	2.29240	(96040521)
369366.38	3757820.00	2.44254	(96040521)	369436.44	3757793.50	2.43834	(96050924)
369435.25	3757759.75	2.60223	(96050924)	369250.56	3758016.75	2.09203	(96040521)
369343.91	3758082.50	2.02448	(96020919)	369437.25	3758148.25	2.09886	(96100201)
369429.41	3758217.50	2.02558	(96100201)	369432.19	3758306.25	1.95155	(96062005)
369434.97	3758395.00	1.86754	(96062005)	369459.97	3758419.25	1.83332	(96062005)
369558.25	3758419.25	1.88904	(96062921)	369656.53	3758419.25	1.99241	(96062921)
369754.81	3758419.25	1.98120	(96062921)	369853.09	3758419.25	2.02036	(96092821)
369878.09	3758394.00	2.04550	(96092821)	369877.19	3758288.75	2.16255	(96092821)
369876.31	3758183.25	2.28250	(96092821)	369962.47	3758103.00	2.42317	(96092821)
370074.53	3758103.00	2.45794	(96101221)	370186.59	3758103.00	2.36354	(96092822)
370298.62	3758103.25	2.53993	(96042521)	370323.62	3758078.00	2.59663	(96042521)
370381.38	3757991.00	2.76909	(96010107)	370435.41	3758019.25	2.70911	(96010107)
370499.31	3758049.75	2.56911	(96043022)	370485.19	3758025.25	2.62555	(96043022)
370480.69	3758086.00	2.48886	(96010107)	370505.53	3758112.75	2.39835	(96043022)
370600.72	3758113.25	2.40737	(96043022)	370695.94	3758113.50	2.21701	(96043022)
370791.12	3758113.75	2.29780	(96093022)	370886.34	3758114.00	2.29180	(96043024)
370911.41	3758089.00	2.28085	(96021822)	370910.97	3757976.00	2.42786	(96021822)
370910.53	3757863.25	2.58979	(96052202)	370910.06	3757750.50	3.02316	(96052202)
370930.06	3757711.75	3.14563	(96052202)	370960.91	3757689.25	3.14270	(96052202)
371046.47	3757692.50	2.76995	(96052202)	371070.81	3757667.50	2.83035	(96091123)
371071.34	3757585.25	3.16488	(96091123)	371046.88	3757610.00	3.07993	(96091123)
371122.22	3757608.50	3.01261	(96091123)	371099.47	3757595.00	3.09196	(96091123)
371134.94	3757663.25	2.83644	(96091123)	371170.41	3757731.75	2.60914	(96091123)
371239.88	3757782.75	2.42942	(96091123)	371263.72	3757807.50	2.36329	(96051602)
371372.38	3757807.25	2.24865	(96050821)	371385.28	3757826.75	2.22789	(96050821)
371485.00	3757895.25	2.08454	(96021302)	371584.72	3757963.75	1.99499	(96021302)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.89976	(96021302)	371784.16	3758100.75	1.80292	(96021302)
371818.31	3758095.25	1.78253	(96021302)	371873.25	3758021.75	1.77354	(96061022)
371928.19	3757948.50	1.79513	(96061022)	371969.34	3757946.25	1.77160	(96011219)
371989.16	3757923.75	1.77102	(96011219)	371995.12	3757843.25	1.77283	(96011219)
371969.38	3757866.50	1.80105	(96011219)	372022.50	3757868.25	1.74717	(96011219)
372048.31	3757843.00	1.71683	(96100224)	372047.16	3757745.75	1.79893	(96092820)
372046.03	3757648.50	1.86604	(96090906)	372044.88	3757551.25	1.87941	(96090906)
372040.50	3757447.75	1.88753	(96020121)	372036.12	3757345.00	1.93973	(96100603)
372031.75	3757242.00	2.02109	(96100603)	372027.38	3757139.25	2.02695	(96091024)
372002.59	3757115.25	2.06625	(96091024)	371880.53	3757114.25	2.16189	(96091024)
371758.47	3757113.25	2.33110	(96100202)	371636.38	3757112.25	2.58276	(96090805)
371514.31	3757111.25	2.85496	(96090805)	371394.41	3757110.25	3.16351	(96042821)
371274.53	3757109.50	3.49279	(96090804)	371154.62	3757108.50	4.05123	(96090804)
371034.75	3757107.50	4.38475	(96092819)	371059.56	3757132.50	4.25554	(96092819)
371059.44	3757085.25	4.41072	(96090804)	371034.31	3757060.25	4.55057	(96090804)
370944.22	3757060.75	4.92863	(96063022)	370854.12	3757061.25	5.40231	(96063023)
370764.03	3757062.00	6.14340	(96040808)	370789.16	3757086.00	5.82640	(96011521)
370785.78	3756996.25	5.93273	(96063023)	370782.38	3756906.50	6.63345	(96013016)
370778.97	3756816.75	7.62352	(96061607)	370754.94	3756842.75	7.95456	(96013016)
370847.44	3756839.25	5.89294	(96061607)	370939.91	3756835.75	5.16943	(96091023)
371032.41	3756832.25	4.80469	(96010520)	371056.41	3756808.75	4.81592	(96010520)
371058.09	3756781.75	4.89820	(96061801)	371033.69	3756805.25	4.89477	(96010520)
371146.19	3756802.75	4.50994	(96061801)	371258.66	3756800.25	4.04154	(96061801)
371371.16	3756797.75	3.57731	(96061801)	371483.62	3756795.25	3.16316	(96061801)
371595.03	3756793.00	2.80891	(96061801)	371706.41	3756790.50	2.50532	(96061801)
371817.78	3756788.00	2.31164	(96100820)	371932.09	3756785.50	2.15346	(96100820)
372046.38	3756783.00	2.05069	(96011720)	372160.66	3756780.25	1.95837	(96011720)
372274.97	3756777.75	1.86720	(96011720)	372384.72	3756775.50	1.78235	(96011720)
372494.47	3756773.00	1.70108	(96011720)	372604.22	3756770.50	1.62367	(96011720)
372713.97	3756768.00	1.55030	(96011720)	372738.38	3756741.75	1.54301	(96052201)
372732.97	3756646.50	1.62170	(96052201)	372819.62	3756573.75	1.57683	(96052201)
372843.78	3756547.75	1.54691	(96052201)	372839.41	3756453.75	1.39764	(96052201)
372821.25	3756362.50	1.38863	(96031524)	372795.62	3756342.50	1.42320	(96031524)
372731.31	3756327.75	1.47918	(96031524)	372707.19	3756351.75	1.47814	(96031524)
372927.97	3756344.00	1.34837	(96052101)	372952.09	3756318.75	1.37790	(96052101)
372951.22	3756244.75	1.45893	(96052101)	372926.66	3756270.00	1.44588	(96052101)
373032.78	3756268.00	1.41025	(96052101)	373138.88	3756266.25	1.37328	(96052101)
373245.00	3756264.25	1.33601	(96052101)	373351.12	3756262.25	1.29861	(96052101)
373457.25	3756260.50	1.26113	(96052101)	373481.81	3756235.00	1.27982	(96052101)
373480.34	3756122.50	1.35358	(96052101)	373478.88	3756009.75	1.34028	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	1.24490	(96052101)	373475.94	3755784.50	1.08637	(96052101)
373474.47	3755672.00	1.09753	(96010203)	373473.00	3755559.25	1.24163	(96010203)
373447.00	3755534.75	1.27970	(96010203)	373334.22	3755539.25	1.33794	(96010203)
373221.47	3755543.75	1.39092	(96010203)	373197.47	3755568.25	1.38957	(96010203)
373195.91	3755636.25	1.33508	(96010203)	373194.34	3755704.50	1.25073	(96010203)
373219.59	3755680.00	1.26680	(96010203)	373134.91	3755679.00	1.32703	(96010203)
373159.66	3755703.50	1.27740	(96010203)	373157.94	3755634.75	1.36031	(96010203)
373156.22	3755566.00	1.41050	(96010203)	373132.47	3755541.75	1.42876	(96010203)
373055.34	3755537.75	1.45419	(96010203)	373079.06	3755562.25	1.44411	(96010203)
373077.12	3755465.00	1.44163	(96010105)	373075.16	3755368.00	1.39803	(96010105)
373073.19	3755270.75	1.29367	(96010105)	373071.22	3755173.50	1.25618	(96012523)
373046.00	3755149.00	1.24533	(96012523)	372939.09	3755150.00	1.23470	(96012523)
372832.16	3755151.00	1.25753	(96052604)	372725.25	3755152.00	1.28970	(96052604)
372622.81	3755157.25	1.31110	(96052604)	372527.31	3755158.00	1.31463	(96052604)
372430.69	3755159.00	1.31415	(96040523)	372334.09	3755159.75	1.42308	(96062304)
372237.47	3755160.50	1.53771	(96062304)	372138.81	3755161.25	1.61646	(96062304)
372040.12	3755162.25	1.66028	(96040523)	371941.47	3755163.00	1.68632	(96040523)
371842.78	3755163.75	1.67054	(96040523)	371747.72	3755164.50	1.75121	(96011119)
371652.69	3755165.25	1.86290	(96011119)	371557.62	3755166.25	1.94082	(96090204)
371462.59	3755167.00	1.97195	(96090204)	371359.16	3755167.75	1.91695	(96090204)
371255.72	3755168.75	2.07918	(96090124)	371152.25	3755169.50	2.18803	(96090124)
371048.81	3755170.50	2.16482	(96021501)	371024.06	3755196.50	2.19887	(96021501)
371027.69	3755273.25	2.32735	(96090124)	371031.34	3755350.25	2.46065	(96090124)
371019.94	3755375.50	2.50722	(96103123)	371017.91	3755470.00	2.71443	(96103123)
371017.38	3755556.25	2.85273	(96103123)	371040.31	3755531.50	2.74635	(96103123)
371025.97	3755420.25	2.59951	(96103123)	371015.62	3755399.00	2.56447	(96103123)
370915.81	3755327.25	2.36581	(96050501)	370816.03	3755255.25	2.46797	(96090201)
370736.56	3755243.75	2.44854	(96022305)	370669.19	3755237.00	2.40435	(96090603)
370571.06	3755237.25	2.58523	(96090603)	370475.62	3755237.75	2.52120	(96090603)
370380.12	3755238.25	2.63084	(96022702)	370278.66	3755239.00	2.62572	(96031404)
370177.19	3755239.50	2.48597	(96091403)	370075.72	3755240.00	2.60538	(96091403)
369979.41	3755240.50	2.45119	(96091403)	369883.09	3755241.00	2.43222	(96053124)
369786.78	3755241.50	2.41246	(96053124)	369690.47	3755242.00	2.24101	(96010507)
369594.16	3755242.75	2.23316	(96102505)	369497.88	3755243.25	2.22918	(96102505)
369396.38	3755243.75	2.07296	(96010405)	369294.91	3755244.25	2.51937	(96020304)
369193.44	3755244.75	2.58430	(96020304)	369091.97	3755245.25	2.17993	(96020304)
368990.50	3755246.00	1.85819	(96011804)	368889.03	3755246.50	1.80993	(96011302)
368782.41	3755247.00	1.77930	(96011302)	368675.78	3755247.50	1.71909	(96032702)
368569.12	3755248.25	1.65565	(96010722)	368471.00	3755248.75	1.62560	(96010722)
368372.84	3755249.25	1.54597	(96010624)	368274.69	3755249.75	1.50747	(96010624)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.47861	(96051024)	368053.72	3755209.25	1.50931	(96051024)
367940.91	3755188.50	1.51608	(96051024)	367824.03	3755184.75	1.50728	(96051024)
367710.84	3755181.25	1.47013	(96051024)	367597.62	3755177.50	1.41139	(96051024)
367484.44	3755174.00	1.37318	(96011401)	367460.69	3755189.25	1.38010	(96011401)
367415.00	3755295.25	1.37152	(96011401)	367369.31	3755401.25	1.39470	(96010120)
367323.59	3755507.25	1.36744	(96050805)	367483.66	3755199.00	1.38610	(96011401)
367300.88	3755623.25	1.35200	(96050805)	367114.28	3756056.25	1.38794	(96020721)
366984.53	3756357.50	1.32695	(96010804)	366852.91	3756663.00	1.32408	(96090202)
366902.28	3756692.00	1.32919	(96090202)	366875.53	3756760.00	1.28574	(96090202)
366812.69	3756738.50	1.28536	(96090202)	366677.25	3757024.50	1.21544	(96010303)
366536.22	3757322.00	1.22223	(96010204)	366437.28	3757530.75	1.18766	(96010604)
366486.94	3757537.25	1.19788	(96010604)	366623.91	3757468.00	1.23293	(96010604)
366644.38	3757530.75	1.22984	(96010604)	366777.06	3757519.75	1.25846	(96010603)
366998.56	3757642.25	1.31557	(96010721)	367174.25	3757739.50	1.36822	(96050521)
367290.72	3757694.25	1.40107	(96050521)	367412.66	3757694.75	1.43876	(96050521)
367409.81	3757735.75	1.42800	(96050521)	367517.78	3757796.25	1.43276	(96011402)
367539.25	3757802.00	1.43971	(96011402)	367609.12	3757676.75	1.47914	(96050521)
367769.06	3757644.25	1.50556	(96050521)	367774.81	3757718.50	1.50695	(96011402)
367809.47	3757834.50	1.43781	(96011023)	367807.06	3757935.50	1.49235	(96011023)
367774.94	3757958.50	1.48343	(96011023)	367798.12	3758011.00	1.48086	(96011023)
367914.41	3757961.50	1.50974	(96011023)	367904.53	3757930.25	1.52029	(96011023)
368108.69	3757840.25	1.57321	(96011023)	368232.75	3757790.25	1.59701	(96011023)
368308.88	3757761.50	1.62219	(96051022)	368603.38	3757765.00	1.73968	(96051022)
368603.84	3757718.50	1.80177	(96051022)	368769.72	3757798.50	1.93982	(96020719)
369017.16	3757954.25	1.95418	(96021824)	369080.28	3757864.00	2.07142	(96021824)
369224.00	3757952.25	2.18035	(96040521)	369408.72	3757730.00	2.66175	(96040521)
369454.22	3757776.00	2.49173	(96050924)	369264.97	3757996.50	2.11929	(96040521)
369451.62	3758128.00	2.12795	(96100201)	369459.97	3758394.25	1.86230	(96062005)
369853.09	3758394.25	2.04540	(96092821)	369850.44	3758078.00	2.42910	(96062921)
370298.62	3758078.25	2.59300	(96042521)	370297.53	3757962.75	2.90086	(96042521)
370382.34	3757966.00	2.85858	(96010107)	370510.12	3758027.25	2.65104	(96043022)
370505.62	3758087.75	2.46609	(96043022)	370886.41	3758089.00	2.31411	(96043024)
370885.06	3757750.50	3.01865	(96052202)	370907.31	3757701.50	3.21214	(96052202)
370944.91	3757670.00	3.24039	(96052202)	371045.81	3757667.50	2.80710	(96091123)
371046.34	3757585.00	3.18695	(96091123)	371121.66	3757583.50	3.07929	(96091123)
371192.59	3757720.25	2.62031	(96091123)	371253.97	3757762.25	2.45484	(96091123)
371263.66	3757782.50	2.40464	(96091123)	371372.34	3757782.25	2.25236	(96101007)
371399.44	3757806.25	2.20798	(96021302)	371798.31	3758080.25	1.80345	(96021302)
371908.19	3757933.50	1.81585	(96061022)	371964.22	3757921.75	1.78840	(96011219)
371970.19	3757841.50	1.80016	(96011219)	372023.31	3757843.25	1.73979	(96011219)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.90802	(96090906)	372002.41	3757140.25	2.04449	(96091024)
371514.12	3757136.25	2.81369	(96042821)	371034.56	3757132.50	4.32940	(96092819)
371034.44	3757085.25	4.44983	(96090804)	370764.19	3757087.00	6.05233	(96011521)
370754.00	3756817.75	8.15004	(96061607)	371031.47	3756807.25	4.89793	(96010520)
371033.12	3756780.25	4.97618	(96061801)	371483.09	3756770.25	3.12203	(96061801)
371817.25	3756763.00	2.29509	(96100820)	372274.41	3756752.75	1.87759	(96011720)
372713.41	3756743.00	1.55061	(96011720)	372702.62	3756552.50	1.58109	(96052201)
372818.81	3756548.75	1.55334	(96052201)	372814.44	3756455.00	1.40252	(96052201)
372796.75	3756367.50	1.40073	(96031524)	372704.81	3756371.50	1.46196	(96031524)
372706.31	3756326.75	1.49775	(96031524)	372927.09	3756319.25	1.38672	(96052101)
372926.22	3756245.00	1.46681	(96052101)	373456.81	3756235.50	1.28841	(96052101)
373448.00	3755559.75	1.25627	(96010203)	373222.47	3755568.75	1.37660	(96010203)
373219.34	3755705.00	1.23170	(96010203)	373134.66	3755704.00	1.29476	(96010203)
373131.22	3755566.75	1.42140	(96010203)	373054.09	3755562.75	1.45306	(96010203)
373046.22	3755174.00	1.25775	(96012523)	372725.47	3755177.00	1.30294	(96052604)
372624.12	3755182.25	1.32986	(96052604)	372237.69	3755185.50	1.51246	(96040523)
371843.00	3755188.75	1.70780	(96040523)	371462.81	3755192.00	2.00430	(96090204)
371049.03	3755195.50	2.20112	(96090124)	371056.31	3755349.00	2.45000	(96090124)
371043.41	3755384.00	2.50302	(96103123)	371042.38	3755556.25	2.75895	(96103123)
370995.81	3755560.25	2.92826	(96103123)	371001.00	3755419.25	2.62505	(96103123)
370801.41	3755275.50	2.50563	(96022305)	370666.66	3755261.75	2.45787	(96012204)
370380.28	3755263.25	2.69920	(96022702)	370075.88	3755265.00	2.67339	(96091403)
369786.91	3755266.50	2.46310	(96053124)	369498.00	3755268.25	2.25085	(96102505)
369193.59	3755269.75	2.53559	(96020304)	368889.16	3755271.50	1.83793	(96011302)
368569.28	3755273.25	1.66040	(96010722)	368274.84	3755274.75	1.51557	(96010624)
367936.44	3755213.25	1.53097	(96051024)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	4.03057	(96062303)	372498.53	3757611.75	3.49965	(96051204)
372248.53	3757861.75	3.86864	(96062303)	372498.53	3757861.75	3.65688	(96062303)
372248.53	3758111.75	3.77393	(96010104)	372498.53	3758111.75	3.34162	(96010104)
372248.53	3758361.75	3.42554	(96032723)	372498.53	3758361.75	3.27535	(96011322)
373792.78	3755334.75	2.36463	(96010203)	374092.78	3755334.75	2.07697	(96010203)
373792.78	3755709.75	2.12690	(96052101)	374092.78	3755709.75	2.05917	(96052101)
373792.78	3756084.75	2.51317	(96052101)	374092.78	3756084.75	2.26233	(96052101)
373792.78	3756459.75	2.44803	(96052201)	374092.78	3756459.75	2.23875	(96052201)
373792.78	3756834.75	2.40738	(96052201)	374092.78	3756834.75	2.20605	(96052201)
373792.78	3757209.75	2.44922	(96051805)	374092.78	3757209.75	2.20999	(96051805)
373792.78	3757584.75	2.16057	(96051204)	374092.78	3757584.75	1.96036	(96051805)
373792.78	3757959.75	2.36622	(96040404)	374092.78	3757959.75	2.18061	(96040404)
373792.78	3758334.75	2.06730	(96062303)	374092.78	3758334.75	1.85991	(96040404)
373792.78	3758709.75	2.14206	(96062303)	374092.78	3758709.75	1.98315	(96062303)
370479.03	3756653.75	29.65342	(96090309)	367277.91	3755613.50	2.75925	(96050805)
367231.25	3755721.75	2.71527	(96011019)	367184.62	3755830.00	2.70552	(96010201)
367137.97	3755938.25	2.74283	(96010801)	367091.34	3756046.50	2.74397	(96030207)
367048.09	3756146.75	2.68179	(96030207)	367004.81	3756247.25	2.63591	(96010804)
366961.56	3756347.50	2.64902	(96010804)	366917.69	3756449.50	2.63384	(96010805)
366873.81	3756551.25	2.55735	(96010805)	366829.94	3756653.00	2.51226	(96090202)
366840.22	3756684.50	2.51187	(96090202)	366889.59	3756713.50	2.53722	(96090202)
366879.00	3756682.75	2.54496	(96090202)	366852.25	3756751.00	2.51006	(96010303)
366883.62	3756736.50	2.52089	(96010303)	366820.78	3756715.00	2.47980	(96090202)
366790.12	3756728.00	2.44645	(96090202)	366744.97	3756823.25	2.47446	(96010303)
366699.81	3756918.50	2.44614	(96010303)	366654.66	3757013.75	2.35343	(96010303)
366607.66	3757113.00	2.32797	(96012624)	366560.62	3757212.00	2.29259	(96010204)
366513.62	3757311.25	2.27356	(96010204)	366464.16	3757415.75	2.22145	(96010202)
366414.69	3757520.00	2.18780	(96010604)	366434.03	3757555.50	2.19416	(96010604)
366483.69	3757562.00	2.22108	(96010604)	366566.69	3757525.00	2.28417	(96010604)
366620.62	3757538.50	2.31227	(96010604)	366646.41	3757555.50	2.32101	(96010603)
366712.75	3757550.25	2.37271	(96010603)	366779.09	3757544.75	2.42530	(96010603)
366838.81	3757582.50	2.46738	(96010603)	366912.62	3757623.25	2.49435	(96010603)
366986.47	3757664.25	2.54791	(96010721)	367074.31	3757712.75	2.61633	(96010721)
367162.16	3757761.25	2.66704	(96050521)	367299.75	3757717.75	2.80319	(96050521)
367384.88	3757734.00	2.87481	(96050521)	367397.59	3757757.50	2.86656	(96050521)
367505.56	3757818.00	2.97375	(96011402)	367532.81	3757826.00	2.99800	(96011402)
367561.06	3757814.00	3.03116	(96011402)	367596.03	3757751.50	3.08357	(96011402)
367630.97	3757689.00	3.11538	(96050521)	367694.09	3757685.00	3.20015	(96011402)
367749.88	3757720.50	3.27489	(96011402)	367785.50	3757841.75	3.14798	(96011402)
367782.09	3757935.00	3.18823	(96011023)	367752.06	3757968.50	3.14770	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	3.14457	(96011023)	367807.91	3758034.00	3.15560	(96011023)
367866.06	3758009.25	3.22516	(96011023)	367924.19	3757984.50	3.29643	(96011023)
367938.25	3757954.00	3.34828	(96011023)	367928.38	3757922.75	3.37108	(96011023)
367914.62	3757953.25	3.32971	(96011023)	368016.69	3757908.25	3.46988	(96011023)
368118.78	3757863.25	3.61756	(96011023)	368180.06	3757838.50	3.70583	(96011023)
368242.09	3757813.50	3.79674	(96011023)	368317.75	3757784.75	3.90536	(96011023)
368406.72	3757787.75	3.91444	(96011023)	368504.88	3757788.75	4.07138	(96011223)
368603.06	3757790.00	4.33941	(96011223)	368628.38	3757765.25	4.39708	(96011223)
368675.91	3757781.00	4.49560	(96011223)	368758.84	3757821.00	4.48732	(96011223)
368838.88	3757871.50	4.44644	(96012823)	368921.38	3757923.50	4.44611	(96010302)
369003.84	3757975.50	4.77214	(96010302)	369037.66	3757968.75	4.84769	(96010302)
369100.78	3757878.25	5.12328	(96010302)	369067.19	3757885.25	5.01584	(96010302)
369139.03	3757929.50	5.01899	(96010302)	369210.91	3757973.75	5.16059	(96050523)
369243.25	3757968.25	5.21313	(96050523)	369304.81	3757894.25	5.54292	(96050523)
369366.38	3757820.00	5.98074	(96050523)	369436.44	3757793.50	6.38022	(96020718)
369435.25	3757759.75	6.52101	(96020718)	369250.56	3758016.75	5.04328	(96020718)
369343.91	3758082.50	4.85643	(96020718)	369437.25	3758148.25	4.27879	(96020206)
369429.41	3758217.50	4.22141	(96020206)	369432.19	3758306.25	4.12474	(96020206)
369434.97	3758395.00	3.97759	(96020206)	369459.97	3758419.25	3.93752	(96020206)
369558.25	3758419.25	3.82754	(96020206)	369656.53	3758419.25	4.09131	(96021424)
369754.81	3758419.25	4.37471	(96021424)	369853.09	3758419.25	4.34812	(96021424)
369878.09	3758394.00	4.35722	(96021424)	369877.19	3758288.75	4.65698	(96021424)
369876.31	3758183.25	5.05092	(96021424)	369962.47	3758103.00	5.07881	(96021424)
370074.53	3758103.00	5.75973	(96020323)	370186.59	3758103.00	5.66590	(96010923)
370298.62	3758103.25	6.17474	(96052424)	370323.62	3758078.00	6.36590	(96052424)
370381.38	3757991.00	6.96828	(96010720)	370435.41	3758019.25	5.79801	(96011020)
370499.31	3758049.75	6.71780	(96011020)	370485.19	3758025.25	6.85909	(96011020)
370480.69	3758086.00	6.25348	(96011020)	370505.53	3758112.75	6.22209	(96011020)
370600.72	3758113.25	5.93549	(96010922)	370695.94	3758113.50	5.13637	(96010922)
370791.12	3758113.75	4.56041	(96092404)	370886.34	3758114.00	4.62796	(96011823)
370911.41	3758089.00	4.74454	(96011823)	370910.97	3757976.00	5.19899	(96011823)
370910.53	3757863.25	5.69604	(96033002)	370910.06	3757750.50	7.26229	(96033002)
370930.06	3757711.75	7.70090	(96033002)	370960.91	3757689.25	7.53795	(96033002)
371046.47	3757692.50	5.97258	(96033002)	371070.81	3757667.50	6.34897	(96021303)
371071.34	3757585.25	7.06894	(96021303)	371046.88	3757610.00	6.84031	(96021303)
371122.22	3757608.50	6.75161	(96021303)	371099.47	3757595.00	6.91439	(96021303)
371134.94	3757663.25	6.47569	(96021303)	371170.41	3757731.75	6.08402	(96021303)
371239.88	3757782.75	5.81056	(96021303)	371263.72	3757807.50	5.69596	(96021303)
371372.38	3757807.25	5.27658	(96021303)	371385.28	3757826.75	5.23175	(96021303)
371485.00	3757895.25	4.80552	(96021303)	371584.72	3757963.75	4.40305	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	4.02576	(96021303)	371784.16	3758100.75	3.80695	(96032723)
371818.31	3758095.25	3.90838	(96032723)	371873.25	3758021.75	4.23534	(96032723)
371928.19	3757948.50	4.36083	(96011322)	371969.34	3757946.25	4.30366	(96011322)
371989.16	3757923.75	4.31329	(96010104)	371995.12	3757843.25	4.38580	(96010104)
371969.38	3757866.50	4.42396	(96010104)	372022.50	3757868.25	4.32057	(96010104)
372048.31	3757843.00	4.24821	(96010104)	372047.16	3757745.75	4.24791	(96062303)
372046.03	3757648.50	4.51943	(96062303)	372044.88	3757551.25	4.54550	(96062303)
372040.50	3757447.75	4.27715	(96062303)	372036.12	3757345.00	4.68890	(96051204)
372031.75	3757242.00	4.92663	(96051204)	372027.38	3757139.25	4.74192	(96051204)
372002.59	3757115.25	4.72430	(96051204)	371880.53	3757114.25	5.17363	(96051204)
371758.47	3757113.25	5.60175	(96051204)	371636.38	3757112.25	5.95966	(96051204)
371514.31	3757111.25	6.17025	(96051204)	371394.41	3757110.25	6.11804	(96051204)
371274.53	3757109.50	6.61891	(96021524)	371154.62	3757108.50	7.25699	(96090423)
371034.75	3757107.50	8.50896	(96010419)	371059.56	3757132.50	8.01370	(96010419)
371059.44	3757085.25	8.43989	(96092820)	371034.31	3757060.25	8.96922	(96090906)
370944.22	3757060.75	11.29977	(96101320)	370854.12	3757061.25	14.80405	(96011219)
370764.03	3757062.00	20.49711	(96021302)	370789.16	3757086.00	19.02633	(96021302)
370785.78	3756996.25	17.50343	(96011219)	370782.38	3756906.50	15.21203	(96090804)
370778.97	3756816.75	13.16978	(96090805)	370754.94	3756842.75	15.90560	(96101520)
370847.44	3756839.25	11.59496	(96090805)	370939.91	3756835.75	10.29267	(96100603)
371032.41	3756832.25	9.15315	(96091024)	371056.41	3756808.75	8.82933	(96091024)
371058.09	3756781.75	8.72474	(96090903)	371033.69	3756805.25	9.13638	(96091024)
371146.19	3756802.75	7.65580	(96090903)	371258.66	3756800.25	7.00748	(96051805)
371371.16	3756797.75	6.76017	(96051805)	371483.62	3756795.25	6.40402	(96051805)
371595.03	3756793.00	6.01152	(96051805)	371706.41	3756790.50	5.61023	(96051805)
371817.78	3756788.00	5.21971	(96051805)	371932.09	3756785.50	4.84093	(96051805)
372046.38	3756783.00	4.61758	(96052201)	372160.66	3756780.25	4.44715	(96052201)
372274.97	3756777.75	4.27330	(96052201)	372384.72	3756775.50	4.10781	(96052201)
372494.47	3756773.00	3.94776	(96052201)	372604.22	3756770.50	3.79320	(96052201)
372713.97	3756768.00	3.64491	(96052201)	372738.38	3756741.75	3.68172	(96052201)
372732.97	3756646.50	3.82088	(96052201)	372819.62	3756573.75	3.64930	(96052201)
372843.78	3756547.75	3.57490	(96052201)	372839.41	3756453.75	3.33309	(96052201)
372821.25	3756362.50	3.36512	(96052101)	372795.62	3756342.50	3.46342	(96052101)
372731.31	3756327.75	3.61176	(96052101)	372707.19	3756351.75	3.59711	(96052101)
372927.97	3756344.00	3.23906	(96052101)	372952.09	3756318.75	3.26122	(96052101)
372951.22	3756244.75	3.38203	(96052101)	372926.66	3756270.00	3.38901	(96052101)
373032.78	3756268.00	3.23227	(96052101)	373138.88	3756266.25	3.08392	(96052101)
373245.00	3756264.25	2.94433	(96052101)	373351.12	3756262.25	2.81279	(96052101)
373457.25	3756260.50	2.68847	(96052101)	373481.81	3756235.00	2.69953	(96052101)
373480.34	3756122.50	2.79862	(96052101)	373478.88	3756009.75	2.76714	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.61287	(96052101)	373475.94	3755784.50	2.35857	(96052101)
373474.47	3755672.00	2.35166	(96010203)	373473.00	3755559.25	2.54944	(96010203)
373447.00	3755534.75	2.61324	(96010203)	373334.22	3755539.25	2.75718	(96010203)
373221.47	3755543.75	2.89957	(96010203)	373197.47	3755568.25	2.91794	(96010203)
373195.91	3755636.25	2.85376	(96010203)	373194.34	3755704.50	2.74123	(96010203)
373219.59	3755680.00	2.74562	(96010203)	373134.91	3755679.00	2.88970	(96010203)
373159.66	3755703.50	2.80345	(96010203)	373157.94	3755634.75	2.91494	(96010203)
373156.22	3755566.00	2.97376	(96010203)	373132.47	3755541.75	3.00929	(96010203)
373055.34	3755537.75	3.09606	(96010203)	373079.06	3755562.25	3.07245	(96010203)
373077.12	3755465.00	3.04278	(96010105)	373075.16	3755368.00	2.94932	(96010105)
373073.19	3755270.75	2.76392	(96010105)	373071.22	3755173.50	2.51084	(96012523)
373046.00	3755149.00	2.50058	(96012523)	372939.09	3755150.00	2.54028	(96012523)
372832.16	3755151.00	2.55518	(96012523)	372725.25	3755152.00	2.54058	(96012523)
372622.81	3755157.25	2.50738	(96012523)	372527.31	3755158.00	2.81668	(96062304)
372430.69	3755159.00	3.13190	(96062304)	372334.09	3755159.75	3.43464	(96062304)
372237.47	3755160.50	3.70539	(96062304)	372138.81	3755161.25	3.92506	(96062304)
372040.12	3755162.25	4.06114	(96062304)	371941.47	3755163.00	4.08640	(96062304)
371842.78	3755163.75	3.99840	(96010523)	371747.72	3755164.50	4.35337	(96010523)
371652.69	3755165.25	4.57466	(96010523)	371557.62	3755166.25	4.63925	(96020705)
371462.59	3755167.00	4.75371	(96020705)	371359.16	3755167.75	4.59104	(96020705)
371255.72	3755168.75	4.83406	(96032604)	371152.25	3755169.50	5.08415	(96032604)
371048.81	3755170.50	5.23597	(96020403)	371024.06	3755196.50	5.37655	(96020403)
371027.69	3755273.25	5.38062	(96020403)	371031.34	3755350.25	5.69388	(96032604)
371019.94	3755375.50	5.79620	(96032604)	371017.91	3755470.00	6.14153	(96032604)
371017.38	3755556.25	6.23849	(96032604)	371040.31	3755531.50	6.04577	(96032604)
371025.97	3755420.25	5.96623	(96032604)	371015.62	3755399.00	5.89573	(96032604)
370915.81	3755327.25	6.05002	(96020403)	370816.03	3755255.25	5.37289	(96020403)
370736.56	3755243.75	4.47987	(96020403)	370669.19	3755237.00	4.68613	(96020401)
370571.06	3755237.25	4.97773	(96011003)	370475.62	3755237.75	4.79634	(96011003)
370380.12	3755238.25	4.60047	(96010119)	370278.66	3755239.00	5.36765	(96010119)
370177.19	3755239.50	5.66233	(96010119)	370075.72	3755240.00	5.36468	(96020703)
369979.41	3755240.50	5.88472	(96020703)	369883.09	3755241.00	5.74960	(96011123)
369786.78	3755241.50	6.28397	(96011123)	369690.47	3755242.00	5.50910	(96011123)
369594.16	3755242.75	5.47671	(96010121)	369497.88	3755243.25	5.56064	(96010121)
369396.38	3755243.75	7.21422	(96020304)	369294.91	3755244.25	8.36665	(96020304)
369193.44	3755244.75	8.22095	(96020304)	369091.97	3755245.25	6.99594	(96020304)
368990.50	3755246.00	5.29592	(96020304)	368889.03	3755246.50	4.22274	(96061901)
368782.41	3755247.00	4.32235	(96061901)	368675.78	3755247.50	4.24638	(96061901)
368569.12	3755248.25	4.10700	(96010722)	368471.00	3755248.75	3.94172	(96010722)
368372.84	3755249.25	3.79594	(96011102)	368274.69	3755249.75	3.60587	(96011102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	3.39715	(96090605)	368053.72	3755209.25	3.34091	(96090605)
367940.91	3755188.50	3.25565	(96041102)	367824.03	3755184.75	3.15953	(96041102)
367710.84	3755181.25	3.02998	(96041102)	367597.62	3755177.50	2.87500	(96041102)
367484.44	3755174.00	2.81139	(96011401)	367460.69	3755189.25	2.81187	(96011401)
367415.00	3755295.25	2.79716	(96011401)	367369.31	3755401.25	2.80200	(96010120)
367323.59	3755507.25	2.79735	(96050805)	367483.66	3755199.00	2.83539	(96011401)
367300.88	3755623.25	2.78147	(96050805)	367114.28	3756056.25	2.76750	(96030207)
366984.53	3756357.50	2.66913	(96010804)	366852.91	3756663.00	2.52943	(96090202)
366902.28	3756692.00	2.56050	(96090202)	366875.53	3756760.00	2.53939	(96010303)
366812.69	3756738.50	2.46272	(96010303)	366677.25	3757024.50	2.35680	(96010303)
366536.22	3757322.00	2.28639	(96010204)	366437.28	3757530.75	2.20124	(96010604)
366486.94	3757537.25	2.23096	(96010604)	366623.91	3757468.00	2.33206	(96010604)
366644.38	3757530.75	2.33044	(96010604)	366777.06	3757519.75	2.41877	(96010603)
366998.56	3757642.25	2.55383	(96010721)	367174.25	3757739.50	2.67900	(96050521)
367290.72	3757694.25	2.79465	(96050521)	367412.66	3757694.75	2.91973	(96050521)
367409.81	3757735.75	2.89431	(96050521)	367517.78	3757796.25	2.99069	(96011402)
367539.25	3757802.00	3.01326	(96011402)	367609.12	3757676.75	3.11251	(96050521)
367769.06	3757644.25	3.29378	(96011402)	367774.81	3757718.50	3.30480	(96011402)
367809.47	3757834.50	3.17298	(96011023)	367807.06	3757935.50	3.22164	(96011023)
367774.94	3757958.50	3.17759	(96011023)	367798.12	3758011.00	3.17303	(96011023)
367914.41	3757961.50	3.32034	(96011023)	367904.53	3757930.25	3.34023	(96011023)
368108.69	3757840.25	3.63894	(96011023)	368232.75	3757790.25	3.83049	(96011023)
368308.88	3757761.50	3.94884	(96011023)	368603.38	3757765.00	4.33119	(96011223)
368603.84	3757718.50	4.27579	(96011223)	368769.72	3757798.50	4.56115	(96011223)
369017.16	3757954.25	4.82384	(96010302)	369080.28	3757864.00	5.07003	(96010302)
369224.00	3757952.25	5.23720	(96050523)	369408.72	3757730.00	6.67983	(96050523)
369454.22	3757776.00	6.57051	(96020718)	369264.97	3757996.50	5.11755	(96020718)
369451.62	3758128.00	4.35098	(96020206)	369459.97	3758394.25	3.99328	(96020206)
369853.09	3758394.25	4.41126	(96021424)	369850.44	3758078.00	5.44190	(96021424)
370298.62	3758078.25	6.36238	(96052424)	370297.53	3757962.75	7.53732	(96052424)
370382.34	3757966.00	7.22907	(96010720)	370510.12	3758027.25	6.99080	(96011020)
370505.62	3758087.75	6.41733	(96011020)	370886.41	3758089.00	4.73782	(96011823)
370885.06	3757750.50	7.07522	(96033002)	370907.31	3757701.50	7.88123	(96033002)
370944.91	3757670.00	7.82118	(96033002)	371045.81	3757667.50	6.03236	(96021303)
371046.34	3757585.00	7.09177	(96021303)	371121.66	3757583.50	6.81227	(96021303)
371192.59	3757720.25	6.11349	(96021303)	371253.97	3757762.25	5.83271	(96021303)
371263.66	3757782.50	5.76168	(96021303)	371372.34	3757782.25	5.23358	(96021303)
371399.44	3757806.25	5.11851	(96021303)	371798.31	3758080.25	3.93674	(96032723)
371908.19	3757933.50	4.40791	(96011322)	371964.22	3757921.75	4.33625	(96010104)
371970.19	3757841.50	4.44144	(96010104)	372023.31	3757843.25	4.31623	(96010104)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	4.61773	(96062303)	372002.41	3757140.25	4.83372	(96051204)
371514.12	3757136.25	6.01649	(96051204)	371034.56	3757132.50	8.94063	(96101320)
371034.44	3757085.25	8.71469	(96092820)	370764.19	3757087.00	20.70926	(96021302)
370754.00	3756817.75	14.55077	(96100721)	371031.47	3756807.25	9.21909	(96091024)
371033.12	3756780.25	9.01772	(96090903)	371483.09	3756770.25	6.24614	(96051805)
371817.25	3756763.00	5.17083	(96052201)	372274.41	3756752.75	4.39695	(96052201)
372713.41	3756743.00	3.71499	(96052201)	372702.62	3756552.50	3.79136	(96052201)
372818.81	3756548.75	3.61207	(96052201)	372814.44	3756455.00	3.36659	(96052201)
372796.75	3756367.50	3.39273	(96052101)	372704.81	3756371.50	3.54510	(96052101)
372706.31	3756326.75	3.65897	(96052101)	372927.09	3756319.25	3.29967	(96052101)
372926.22	3756245.00	3.41913	(96052101)	373456.81	3756235.50	2.72752	(96052101)
373448.00	3755559.75	2.58313	(96010203)	373222.47	3755568.75	2.88389	(96010203)
373219.34	3755705.00	2.69707	(96010203)	373134.66	3755704.00	2.84615	(96010203)
373131.22	3755566.75	3.00595	(96010203)	373054.09	3755562.75	3.10268	(96010203)
373046.22	3755174.00	2.52585	(96012523)	372725.47	3755177.00	2.60126	(96012523)
372624.12	3755182.25	2.58023	(96012523)	372237.69	3755185.50	3.68042	(96062304)
371843.00	3755188.75	4.08859	(96062304)	371462.81	3755192.00	4.81982	(96020705)
371049.03	3755195.50	5.24624	(96020403)	371056.31	3755349.00	5.68408	(96032604)
371043.41	3755384.00	5.81610	(96032604)	371042.38	3755556.25	5.96732	(96032604)
370995.81	3755560.25	6.42316	(96032604)	371001.00	3755419.25	5.98486	(96032604)
370801.41	3755275.50	5.38145	(96020403)	370666.66	3755261.75	4.77384	(96020401)
370380.28	3755263.25	4.63422	(96010119)	370075.88	3755265.00	5.48326	(96020703)
369786.91	3755266.50	6.43749	(96011123)	369498.00	3755268.25	5.62265	(96010121)
369193.59	3755269.75	8.15209	(96020304)	368889.16	3755271.50	4.33789	(96061901)
368569.28	3755273.25	4.13450	(96010722)	368274.84	3755274.75	3.58532	(96011102)
367936.44	3755213.25	3.28405	(96041102)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	20.83989	(96062303)	372498.53	3757611.75	18.20428	(96040404)
372248.53	3757861.75	20.01469	(96062303)	372498.53	3757861.75	17.87000	(96062303)
372248.53	3758111.75	19.04990	(96010104)	372498.53	3758111.75	16.28243	(96010104)
372248.53	3758361.75	16.90972	(96011322)	372498.53	3758361.75	15.78275	(96010104)
373792.78	3755334.75	10.49026	(96010203)	374092.78	3755334.75	9.14598	(96010203)
373792.78	3755709.75	9.60134	(96052101)	374092.78	3755709.75	9.02228	(96052101)
373792.78	3756084.75	11.10459	(96052101)	374092.78	3756084.75	9.84287	(96052101)
373792.78	3756459.75	10.91454	(96052201)	374092.78	3756459.75	9.78979	(96052201)
373792.78	3756834.75	10.88517	(96052201)	374092.78	3756834.75	9.76639	(96052201)
373792.78	3757209.75	10.75838	(96051805)	374092.78	3757209.75	9.54096	(96051805)
373792.78	3757584.75	9.68867	(96040404)	374092.78	3757584.75	8.70193	(96051805)
373792.78	3757959.75	10.43407	(96040404)	374092.78	3757959.75	9.40973	(96040404)
373792.78	3758334.75	9.00954	(96062303)	374092.78	3758334.75	8.28661	(96040404)
373792.78	3758709.75	9.24616	(96062303)	374092.78	3758709.75	8.39699	(96062303)
370479.03	3756653.75	211.88571	(96032108)	367277.91	3755613.50	12.87662	(96050805)
367231.25	3755721.75	12.74358	(96012702)	367184.62	3755830.00	12.29215	(96010201)
367137.97	3755938.25	12.78715	(96010801)	367091.34	3756046.50	12.80198	(96010801)
367048.09	3756146.75	12.57723	(96030207)	367004.81	3756247.25	12.14877	(96010804)
366961.56	3756347.50	12.18367	(96010804)	366917.69	3756449.50	12.19481	(96010805)
366873.81	3756551.25	11.88465	(96010805)	366829.94	3756653.00	11.23960	(96010805)
366840.22	3756684.50	11.23289	(96010303)	366889.59	3756713.50	11.63694	(96010303)
366879.00	3756682.75	11.40538	(96010303)	366852.25	3756751.00	11.63352	(96010303)
366883.62	3756736.50	11.72316	(96010303)	366820.78	3756715.00	11.31502	(96010303)
366790.12	3756728.00	11.23730	(96010303)	366744.97	3756823.25	11.34491	(96010303)
366699.81	3756918.50	11.18695	(96010303)	366654.66	3757013.75	10.78979	(96010303)
366607.66	3757113.00	10.54156	(96012624)	366560.62	3757212.00	10.33184	(96010204)
366513.62	3757311.25	10.19756	(96010204)	366464.16	3757415.75	9.90212	(96010202)
366414.69	3757520.00	9.76595	(96010604)	366434.03	3757555.50	9.80369	(96010604)
366483.69	3757562.00	9.95522	(96010604)	366566.69	3757525.00	10.28929	(96010604)
366620.62	3757538.50	10.45540	(96010604)	366646.41	3757555.50	10.50442	(96010604)
366712.75	3757550.25	10.76258	(96010603)	366779.09	3757544.75	11.04750	(96010603)
366838.81	3757582.50	11.27553	(96010603)	366912.62	3757623.25	11.47035	(96010603)
366986.47	3757664.25	11.63989	(96010721)	367074.31	3757712.75	12.00630	(96010721)
367162.16	3757761.25	12.21299	(96050521)	367299.75	3757717.75	12.98835	(96050521)
367384.88	3757734.00	13.40853	(96050521)	367397.59	3757757.50	13.49084	(96011402)
367505.56	3757818.00	14.22913	(96011402)	367532.81	3757826.00	14.37376	(96011402)
367561.06	3757814.00	14.57849	(96011402)	367596.03	3757751.50	14.93557	(96011402)
367630.97	3757689.00	15.19749	(96011402)	367694.09	3757685.00	15.72685	(96011402)
367749.88	3757720.50	16.12804	(96011402)	367785.50	3757841.75	15.56350	(96011402)
367782.09	3757935.00	15.56729	(96011023)	367752.06	3757968.50	15.28265	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	15.24091	(96011023)	367807.91	3758034.00	15.34009	(96011023)
367866.06	3758009.25	15.79545	(96011023)	367924.19	3757984.50	16.27179	(96011023)
367938.25	3757954.00	16.57213	(96011023)	367928.38	3757922.75	16.69405	(96011023)
367914.62	3757953.25	16.43464	(96011023)	368016.69	3757908.25	17.37821	(96011023)
368118.78	3757863.25	18.41169	(96011023)	368180.06	3757838.50	19.05792	(96011023)
368242.09	3757813.50	19.74609	(96011023)	368317.75	3757784.75	20.61300	(96011023)
368406.72	3757787.75	21.07451	(96011023)	368504.88	3757788.75	22.11276	(96011223)
368603.06	3757790.00	23.75811	(96011223)	368628.38	3757765.25	24.29310	(96011223)
368675.91	3757781.00	24.90837	(96011223)	368758.84	3757821.00	25.16070	(96011223)
368838.88	3757871.50	24.92594	(96012823)	368921.38	3757923.50	26.38452	(96010302)
369003.84	3757975.50	27.74145	(96010302)	369037.66	3757968.75	28.31947	(96010302)
369100.78	3757878.25	30.87779	(96010302)	369067.19	3757885.25	30.11746	(96010302)
369139.03	3757929.50	30.17478	(96010302)	369210.91	3757973.75	30.02214	(96050523)
369243.25	3757968.25	30.47044	(96050523)	369304.81	3757894.25	33.11046	(96050523)
369366.38	3757820.00	36.25510	(96050523)	369436.44	3757793.50	37.21391	(96020718)
369435.25	3757759.75	39.38213	(96050523)	369250.56	3758016.75	29.09295	(96050523)
369343.91	3758082.50	27.21665	(96020718)	369437.25	3758148.25	23.79462	(96020718)
369429.41	3758217.50	22.22632	(96020206)	369432.19	3758306.25	21.14368	(96020206)
369434.97	3758395.00	19.94531	(96020206)	369459.97	3758419.25	19.64456	(96020206)
369558.25	3758419.25	21.48718	(96021424)	369656.53	3758419.25	23.44570	(96021424)
369754.81	3758419.25	24.52375	(96021424)	369853.09	3758419.25	24.43528	(96021424)
369878.09	3758394.00	24.77982	(96021424)	369877.19	3758288.75	27.29745	(96021424)
369876.31	3758183.25	30.32152	(96021424)	369962.47	3758103.00	31.88516	(96021424)
370074.53	3758103.00	33.80130	(96020323)	370186.59	3758103.00	34.16641	(96052424)
370298.62	3758103.25	37.22910	(96052424)	370323.62	3758078.00	38.11134	(96052424)
370381.38	3757991.00	41.21415	(96010720)	370435.41	3758019.25	40.30058	(96011020)
370499.31	3758049.75	40.85556	(96011020)	370485.19	3758025.25	41.91093	(96011020)
370480.69	3758086.00	39.02179	(96011020)	370505.53	3758112.75	38.15529	(96011020)
370600.72	3758113.25	36.27991	(96011020)	370695.94	3758113.50	32.01094	(96011020)
370791.12	3758113.75	26.76928	(96040422)	370886.34	3758114.00	27.81297	(96033002)
370911.41	3758089.00	29.81813	(96033002)	370910.97	3757976.00	35.04008	(96033002)
370910.53	3757863.25	40.78906	(96033002)	370910.06	3757750.50	48.85721	(96033002)
370930.06	3757711.75	50.51900	(96033002)	370960.91	3757689.25	49.14301	(96033002)
371046.47	3757692.50	42.31568	(96021303)	371070.81	3757667.50	45.11090	(96021303)
371071.34	3757585.25	49.76722	(96021303)	371046.88	3757610.00	49.20124	(96021303)
371122.22	3757608.50	46.10538	(96021303)	371099.47	3757595.00	47.83749	(96021303)
371134.94	3757663.25	43.85694	(96021303)	371170.41	3757731.75	40.25314	(96021303)
371239.88	3757782.75	36.82660	(96021303)	371263.72	3757807.50	35.58654	(96021303)
371372.38	3757807.25	31.73086	(96021303)	371385.28	3757826.75	31.19893	(96021303)
371485.00	3757895.25	27.62410	(96021303)	371584.72	3757963.75	24.53969	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	22.80531	(96032723)	371784.16	3758100.75	21.39187	(96032723)
371818.31	3758095.25	21.53942	(96032723)	371873.25	3758021.75	22.89377	(96011322)
371928.19	3757948.50	23.36150	(96010104)	371969.34	3757946.25	23.05597	(96010104)
371989.16	3757923.75	23.09324	(96010104)	371995.12	3757843.25	23.46408	(96010104)
371969.38	3757866.50	23.79508	(96010104)	372022.50	3757868.25	22.94310	(96010104)
372048.31	3757843.00	22.49449	(96010104)	372047.16	3757745.75	23.09989	(96062303)
372046.03	3757648.50	24.30566	(96062303)	372044.88	3757551.25	24.53873	(96062303)
372040.50	3757447.75	24.21768	(96040404)	372036.12	3757345.00	26.65472	(96040404)
372031.75	3757242.00	27.70688	(96040404)	372027.38	3757139.25	27.03833	(96040404)
372002.59	3757115.25	27.27728	(96040404)	371880.53	3757114.25	30.87009	(96040404)
371758.47	3757113.25	34.90017	(96040404)	371636.38	3757112.25	39.38309	(96040404)
371514.31	3757111.25	44.17353	(96040404)	371394.41	3757110.25	48.35878	(96040404)
371274.53	3757109.50	52.29056	(96062303)	371154.62	3757108.50	67.02460	(96062303)
371034.75	3757107.50	76.99061	(96012023)	371059.56	3757132.50	72.37932	(96012023)
371059.44	3757085.25	78.57820	(96062303)	371034.31	3757060.25	82.45726	(96062303)
370944.22	3757060.75	87.72726	(96012023)	370854.12	3757061.25	107.51062	(96010104)
370764.03	3757062.00	109.56094	(96032723)	370789.16	3757086.00	104.50547	(96032723)
370785.78	3756996.25	118.35646	(96010104)	370782.38	3756906.50	118.36533	(96062303)
370778.97	3756816.75	122.73296	(96040404)	370754.94	3756842.75	107.22246	(96040404)
370847.44	3756839.25	113.43040	(96040404)	370939.91	3756835.75	87.93881	(96051805)
371032.41	3756832.25	77.78252	(96051805)	371056.41	3756808.75	80.95058	(96051805)
371058.09	3756781.75	83.09879	(96051805)	371033.69	3756805.25	77.90896	(96051805)
371146.19	3756802.75	72.89603	(96051805)	371258.66	3756800.25	62.45206	(96051805)
371371.16	3756797.75	53.52972	(96051805)	371483.62	3756795.25	46.59172	(96051805)
371595.03	3756793.00	40.86350	(96051805)	371706.41	3756790.50	36.09069	(96051805)
371817.78	3756788.00	32.50282	(96052201)	371932.09	3756785.50	29.84496	(96052201)
372046.38	3756783.00	27.51919	(96052201)	372160.66	3756780.25	25.47906	(96052201)
372274.97	3756777.75	23.66844	(96052201)	372384.72	3756775.50	22.11794	(96052201)
372494.47	3756773.00	20.73189	(96052201)	372604.22	3756770.50	19.48377	(96052201)
372713.97	3756768.00	18.35550	(96052201)	372738.38	3756741.75	18.35815	(96052201)
372732.97	3756646.50	18.82103	(96052201)	372819.62	3756573.75	17.74083	(96052201)
372843.78	3756547.75	17.34702	(96052201)	372839.41	3756453.75	16.39016	(96052201)
372821.25	3756362.50	16.74737	(96052101)	372795.62	3756342.50	17.19714	(96052101)
372731.31	3756327.75	18.01199	(96052101)	372707.19	3756351.75	18.09736	(96052101)
372927.97	3756344.00	15.85782	(96052101)	372952.09	3756318.75	15.83194	(96052101)
372951.22	3756244.75	16.20845	(96052101)	372926.66	3756270.00	16.34374	(96052101)
373032.78	3756268.00	15.41578	(96052101)	373138.88	3756266.25	14.56195	(96052101)
373245.00	3756264.25	13.77656	(96052101)	373351.12	3756262.25	13.05199	(96052101)
373457.25	3756260.50	12.38095	(96052101)	373481.81	3756235.00	12.35834	(96052101)
373480.34	3756122.50	12.65313	(96052101)	373478.88	3756009.75	12.48576	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	11.88585	(96052101)	373475.94	3755784.50	10.92379	(96052101)
373474.47	3755672.00	11.05501	(96010203)	373473.00	3755559.25	11.71708	(96010203)
373447.00	3755534.75	11.97684	(96010203)	373334.22	3755539.25	12.70063	(96010203)
373221.47	3755543.75	13.44310	(96010203)	373197.47	3755568.25	13.57950	(96010203)
373195.91	3755636.25	13.40150	(96010203)	373194.34	3755704.50	13.04353	(96010203)
373219.59	3755680.00	12.98689	(96010203)	373134.91	3755679.00	13.70490	(96010203)
373159.66	3755703.50	13.34983	(96010203)	373157.94	3755634.75	13.70849	(96010203)
373156.22	3755566.00	13.87136	(96010203)	373132.47	3755541.75	14.03450	(96010203)
373055.34	3755537.75	14.52967	(96010203)	373079.06	3755562.25	14.40736	(96010203)
373077.12	3755465.00	14.21429	(96010105)	373075.16	3755368.00	13.79632	(96010105)
373073.19	3755270.75	13.04249	(96010105)	373071.22	3755173.50	12.02672	(96010105)
373046.00	3755149.00	11.72983	(96010105)	372939.09	3755150.00	11.63922	(96010105)
372832.16	3755151.00	11.45180	(96012523)	372725.25	3755152.00	11.59909	(96012523)
372622.81	3755157.25	12.62609	(96062304)	372527.31	3755158.00	14.06830	(96062304)
372430.69	3755159.00	15.55738	(96062304)	372334.09	3755159.75	17.03234	(96062304)
372237.47	3755160.50	18.42919	(96062304)	372138.81	3755161.25	19.69374	(96062304)
372040.12	3755162.25	20.70183	(96062304)	371941.47	3755163.00	21.34458	(96062304)
371842.78	3755163.75	21.51893	(96062304)	371747.72	3755164.50	23.31050	(96010523)
371652.69	3755165.25	24.88142	(96010523)	371557.62	3755166.25	25.81274	(96010523)
371462.59	3755167.00	26.78217	(96020705)	371359.16	3755167.75	27.08488	(96020705)
371255.72	3755168.75	27.34393	(96032604)	371152.25	3755169.50	29.51428	(96032604)
371048.81	3755170.50	31.05914	(96020403)	371024.06	3755196.50	32.21169	(96020403)
371027.69	3755273.25	33.37703	(96032604)	371031.34	3755350.25	36.11374	(96032604)
371019.94	3755375.50	37.19344	(96032604)	371017.91	3755470.00	40.38258	(96032604)
371017.38	3755556.25	41.08453	(96032604)	371040.31	3755531.50	39.46511	(96032604)
371025.97	3755420.25	38.58999	(96032604)	371015.62	3755399.00	38.13192	(96032604)
370915.81	3755327.25	38.81973	(96020403)	370816.03	3755255.25	35.86882	(96020403)
370736.56	3755243.75	32.91259	(96020403)	370669.19	3755237.00	29.40698	(96020403)
370571.06	3755237.25	26.51818	(96011003)	370475.62	3755237.75	26.40230	(96010119)
370380.12	3755238.25	31.36283	(96010119)	370278.66	3755239.00	35.00023	(96010119)
370177.19	3755239.50	37.12134	(96010119)	370075.72	3755240.00	34.63078	(96020703)
369979.41	3755240.50	37.25324	(96020703)	369883.09	3755241.00	35.32574	(96020703)
369786.78	3755241.50	36.97610	(96011123)	369690.47	3755242.00	34.77975	(96011123)
369594.16	3755242.75	33.20922	(96010121)	369497.88	3755243.25	39.53154	(96020304)
369396.38	3755243.75	52.27494	(96020304)	369294.91	3755244.25	59.61394	(96020304)
369193.44	3755244.75	59.86847	(96020304)	369091.97	3755245.25	53.79372	(96020304)
368990.50	3755246.00	44.01252	(96020304)	368889.03	3755246.50	33.22496	(96020304)
368782.41	3755247.00	22.96924	(96020304)	368675.78	3755247.50	22.28943	(96010605)
368569.12	3755248.25	21.72747	(96010605)	368471.00	3755248.75	20.78384	(96010605)
368372.84	3755249.25	19.59897	(96011102)	368274.69	3755249.75	18.58674	(96011102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	17.31521	(96011102)	368053.72	3755209.25	16.45615	(96041102)
367940.91	3755188.50	15.84803	(96041102)	367824.03	3755184.75	15.25346	(96041102)
367710.84	3755181.25	14.55713	(96041102)	367597.62	3755177.50	13.77975	(96041102)
367484.44	3755174.00	13.16631	(96011401)	367460.69	3755189.25	13.16153	(96011401)
367415.00	3755295.25	13.22799	(96011401)	367369.31	3755401.25	12.96880	(96010120)
367323.59	3755507.25	12.93932	(96050805)	367483.66	3755199.00	13.30018	(96011401)
367300.88	3755623.25	13.01272	(96050805)	367114.28	3756056.25	12.93564	(96030207)
366984.53	3756357.50	12.30467	(96010804)	366852.91	3756663.00	11.28497	(96010805)
366902.28	3756692.00	11.57556	(96010303)	366875.53	3756760.00	11.78344	(96010303)
366812.69	3756738.50	11.39082	(96010303)	366677.25	3757024.50	10.83518	(96010303)
366536.22	3757322.00	10.27051	(96010204)	366437.28	3757530.75	9.83745	(96010604)
366486.94	3757537.25	9.99965	(96010604)	366623.91	3757468.00	10.54692	(96010604)
366644.38	3757530.75	10.55369	(96010604)	366777.06	3757519.75	11.05792	(96010604)
366998.56	3757642.25	11.70626	(96010603)	367174.25	3757739.50	12.34286	(96010721)
367290.72	3757694.25	13.03059	(96010721)	367412.66	3757694.75	13.66482	(96050521)
367409.81	3757735.75	13.53060	(96050521)	367517.78	3757796.25	14.34440	(96011402)
367539.25	3757802.00	14.47314	(96011402)	367609.12	3757676.75	14.98846	(96011402)
367769.06	3757644.25	16.36773	(96011402)	367774.81	3757718.50	16.32078	(96011402)
367809.47	3757834.50	15.74890	(96011023)	367807.06	3757935.50	15.75914	(96011023)
367774.94	3757958.50	15.46961	(96011023)	367798.12	3758011.00	15.42193	(96011023)
367914.41	3757961.50	16.38177	(96011023)	367904.53	3757930.25	16.49123	(96011023)
368108.69	3757840.25	18.51707	(96011023)	368232.75	3757790.25	19.91039	(96011023)
368308.88	3757761.50	20.82380	(96011023)	368603.38	3757765.00	23.86750	(96011223)
368603.84	3757718.50	23.90762	(96011223)	368769.72	3757798.50	25.69723	(96011223)
369017.16	3757954.25	28.24840	(96010302)	369080.28	3757864.00	30.68182	(96010302)
369224.00	3757952.25	30.66752	(96050523)	369408.72	3757730.00	40.48916	(96050523)
369454.22	3757776.00	38.22569	(96020718)	369264.97	3757996.50	29.69718	(96050523)
369451.62	3758128.00	24.20590	(96020718)	369459.97	3758394.25	20.02536	(96020206)
369853.09	3758394.25	24.97256	(96021424)	369850.44	3758078.00	33.54448	(96021424)
370298.62	3758078.25	38.30569	(96052424)	370297.53	3757962.75	44.20927	(96052424)
370382.34	3757966.00	42.46196	(96010720)	370510.12	3758027.25	41.91763	(96011020)
370505.62	3758087.75	39.19434	(96011020)	370886.41	3758089.00	28.91684	(96033002)
370885.06	3757750.50	48.78812	(96033002)	370907.31	3757701.50	52.04818	(96033002)
370944.91	3757670.00	50.91793	(96033002)	371045.81	3757667.50	43.73473	(96021303)
371046.34	3757585.00	50.84251	(96021303)	371121.66	3757583.50	46.57125	(96021303)
371192.59	3757720.25	39.93372	(96021303)	371253.97	3757762.25	36.79215	(96021303)
371263.66	3757782.50	36.09332	(96021303)	371372.34	3757782.25	31.74476	(96021303)
371399.44	3757806.25	30.66031	(96021303)	371798.31	3758080.25	21.85542	(96032723)
371908.19	3757933.50	23.74404	(96010104)	371964.22	3757921.75	23.39338	(96010104)
371970.19	3757841.50	23.90086	(96010104)	372023.31	3757843.25	22.95838	(96010104)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	25.06596	(96062303)	372002.41	3757140.25	27.72089	(96040404)
371514.12	3757136.25	43.20340	(96040404)	371034.56	3757132.50	72.58839	(96012023)
371034.44	3757085.25	80.61308	(96062303)	370764.19	3757087.00	97.14008	(96032723)
370754.00	3756817.75	124.79884	(96040404)	371031.47	3756807.25	77.89203	(96051805)
371033.12	3756780.25	86.02240	(96051805)	371483.09	3756770.25	45.80542	(96051805)
371817.25	3756763.00	33.52468	(96052201)	372274.41	3756752.75	24.13240	(96052201)
372713.41	3756743.00	18.60217	(96052201)	372702.62	3756552.50	18.76646	(96052201)
372818.81	3756548.75	17.58572	(96052201)	372814.44	3756455.00	16.61222	(96052201)
372796.75	3756367.50	16.95599	(96052101)	372704.81	3756371.50	17.93727	(96052101)
372706.31	3756326.75	18.30183	(96052101)	372927.09	3756319.25	16.06134	(96052101)
372926.22	3756245.00	16.43130	(96052101)	373456.81	3756235.50	12.50803	(96052101)
373448.00	3755559.75	11.88106	(96010203)	373222.47	3755568.75	13.40295	(96010203)
373219.34	3755705.00	12.82682	(96010203)	373134.66	3755704.00	13.56545	(96010203)
373131.22	3755566.75	14.04588	(96010203)	373054.09	3755562.75	14.57923	(96010203)
373046.22	3755174.00	12.03395	(96010105)	372725.47	3755177.00	11.83869	(96012523)
372624.12	3755182.25	12.33563	(96062304)	372237.69	3755185.50	18.38824	(96062304)
371843.00	3755188.75	22.04284	(96062304)	371462.81	3755192.00	27.21252	(96020705)
371049.03	3755195.50	31.37085	(96020403)	371056.31	3755349.00	35.61448	(96032604)
371043.41	3755384.00	36.97034	(96032604)	371042.38	3755556.25	40.76027	(96020705)
370995.81	3755560.25	42.37340	(96032604)	371001.00	3755419.25	39.20358	(96032604)
370801.41	3755275.50	36.46852	(96020403)	370666.66	3755261.75	30.41098	(96020403)
370380.28	3755263.25	32.09406	(96010119)	370075.88	3755265.00	35.65698	(96020703)
369786.91	3755266.50	37.98311	(96011123)	369498.00	3755268.25	42.67855	(96020304)
369193.59	3755269.75	60.48377	(96020304)	368889.16	3755271.50	31.50532	(96020304)
368569.28	3755273.25	22.00034	(96010605)	368274.84	3755274.75	18.62113	(96011102)
367936.44	3755213.25	16.02025	(96041102)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.67547	(96090906)	372498.53	3757611.75	1.51169	(96020121)
372248.53	3757861.75	1.62115	(96092820)	372498.53	3757861.75	1.54120	(96062303)
372248.53	3758111.75	1.58066	(96010104)	372498.53	3758111.75	1.44549	(96010104)
372248.53	3758361.75	1.42847	(96011321)	372498.53	3758361.75	1.46970	(96010104)
373792.78	3755334.75	1.22958	(96010203)	374092.78	3755334.75	1.09187	(96010203)
373792.78	3755709.75	1.04221	(96052101)	374092.78	3755709.75	1.06840	(96052101)
373792.78	3756084.75	1.27212	(96052101)	374092.78	3756084.75	1.18291	(96052101)
373792.78	3756459.75	1.25095	(96052201)	374092.78	3756459.75	1.18860	(96052201)
373792.78	3756834.75	1.20908	(96052201)	374092.78	3756834.75	1.15394	(96052201)
373792.78	3757209.75	1.28127	(96051805)	374092.78	3757209.75	1.19456	(96051805)
373792.78	3757584.75	1.14503	(96020204)	374092.78	3757584.75	1.07244	(96020204)
373792.78	3757959.75	1.24187	(96051204)	374092.78	3757959.75	1.18359	(96051204)
373792.78	3758334.75	1.06863	(96062303)	374092.78	3758334.75	0.97892	(96051204)
373792.78	3758709.75	1.16393	(96062303)	374092.78	3758709.75	1.10473	(96062303)
370479.03	3756653.75	24.27247	(96091008)	367277.91	3755613.50	1.34347	(96050805)
367231.25	3755721.75	1.29754	(96012702)	367184.62	3755830.00	1.30028	(96021607)
367137.97	3755938.25	1.36309	(96010801)	367091.34	3756046.50	1.38193	(96020721)
367048.09	3756146.75	1.34631	(96020721)	367004.81	3756247.25	1.30364	(96010804)
366961.56	3756347.50	1.32143	(96010804)	366917.69	3756449.50	1.33429	(96010805)
366873.81	3756551.25	1.31422	(96090202)	366829.94	3756653.00	1.31864	(96090202)
366840.22	3756684.50	1.31366	(96090202)	366889.59	3756713.50	1.31358	(96090202)
366879.00	3756682.75	1.32400	(96090202)	366852.25	3756751.00	1.28171	(96090202)
366883.62	3756736.50	1.29879	(96090202)	366820.78	3756715.00	1.29613	(96090202)
366790.12	3756728.00	1.28191	(96090202)	366744.97	3756823.25	1.27667	(96010303)
366699.81	3756918.50	1.26842	(96010303)	366654.66	3757013.75	1.21420	(96010303)
366607.66	3757113.00	1.22491	(96012624)	366560.62	3757212.00	1.21832	(96010204)
366513.62	3757311.25	1.21764	(96010204)	366464.16	3757415.75	1.20053	(96010202)
366414.69	3757520.00	1.18259	(96010604)	366434.03	3757555.50	1.18324	(96010604)
366483.69	3757562.00	1.19090	(96010604)	366566.69	3757525.00	1.21489	(96010604)
366620.62	3757538.50	1.22117	(96010604)	366646.41	3757555.50	1.22807	(96010603)
366712.75	3757550.25	1.24678	(96010603)	366779.09	3757544.75	1.26512	(96010603)
366838.81	3757582.50	1.27835	(96010603)	366912.62	3757623.25	1.27693	(96010721)
366986.47	3757664.25	1.31867	(96010721)	367074.31	3757712.75	1.33991	(96010721)
367162.16	3757761.25	1.36662	(96050521)	367299.75	3757717.75	1.40636	(96050521)
367384.88	3757734.00	1.42209	(96050521)	367397.59	3757757.50	1.41299	(96050521)
367505.56	3757818.00	1.42950	(96011402)	367532.81	3757826.00	1.43460	(96011402)
367561.06	3757814.00	1.44284	(96011402)	367596.03	3757751.50	1.45487	(96011402)
367630.97	3757689.00	1.46717	(96050521)	367694.09	3757685.00	1.47608	(96011402)
367749.88	3757720.50	1.49997	(96011402)	367785.50	3757841.75	1.43371	(96011023)
367782.09	3757935.00	1.48374	(96011023)	367752.06	3757968.50	1.47689	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.47180	(96011023)	367807.91	3758034.00	1.46528	(96011023)
367866.06	3758009.25	1.47767	(96011023)	367924.19	3757984.50	1.49300	(96061824)
367938.25	3757954.00	1.50950	(96011023)	367928.38	3757922.75	1.52401	(96011023)
367914.62	3757953.25	1.51026	(96011023)	368016.69	3757908.25	1.53407	(96011023)
368118.78	3757863.25	1.55516	(96061824)	368180.06	3757838.50	1.57556	(96061824)
368242.09	3757813.50	1.59492	(96061824)	368317.75	3757784.75	1.62041	(96051022)
368406.72	3757787.75	1.66470	(96051022)	368504.88	3757788.75	1.69218	(96051022)
368603.06	3757790.00	1.72490	(96020719)	368628.38	3757765.25	1.74444	(96020719)
368675.91	3757781.00	1.82346	(96020719)	368758.84	3757821.00	1.92090	(96020719)
368838.88	3757871.50	1.92196	(96020719)	368921.38	3757923.50	1.91420	(96021823)
369003.84	3757975.50	1.92177	(96021824)	369037.66	3757968.75	1.94212	(96021824)
369100.78	3757878.25	2.06539	(96021824)	369067.19	3757885.25	2.03751	(96021824)
369139.03	3757929.50	2.08995	(96040521)	369210.91	3757973.75	2.14183	(96040521)
369243.25	3757968.25	2.15929	(96040521)	369304.81	3757894.25	2.27747	(96040521)
369366.38	3757820.00	2.42024	(96040521)	369436.44	3757793.50	2.42256	(96050924)
369435.25	3757759.75	2.57332	(96050924)	369250.56	3758016.75	2.08120	(96040521)
369343.91	3758082.50	2.01631	(96020919)	369437.25	3758148.25	2.08954	(96100201)
369429.41	3758217.50	2.01648	(96100201)	369432.19	3758306.25	1.94474	(96062005)
369434.97	3758395.00	1.85977	(96062005)	369459.97	3758419.25	1.82487	(96062005)
369558.25	3758419.25	1.88631	(96062921)	369656.53	3758419.25	1.98523	(96062921)
369754.81	3758419.25	1.97199	(96062921)	369853.09	3758419.25	2.01206	(96092821)
369878.09	3758394.00	2.03625	(96092821)	369877.19	3758288.75	2.15086	(96092821)
369876.31	3758183.25	2.26556	(96092821)	369962.47	3758103.00	2.39341	(96092821)
370074.53	3758103.00	2.42991	(96101221)	370186.59	3758103.00	2.35201	(96092822)
370298.62	3758103.25	2.47576	(96042521)	370323.62	3758078.00	2.52305	(96042521)
370381.38	3757991.00	2.74794	(96010107)	370435.41	3758019.25	2.68972	(96010107)
370499.31	3758049.75	2.58231	(96043022)	370485.19	3758025.25	2.64289	(96043022)
370480.69	3758086.00	2.47287	(96010107)	370505.53	3758112.75	2.40150	(96043022)
370600.72	3758113.25	2.41056	(96043022)	370695.94	3758113.50	2.20703	(96043022)
370791.12	3758113.75	2.30153	(96043024)	370886.34	3758114.00	2.29939	(96043024)
370911.41	3758089.00	2.28501	(96021822)	370910.97	3757976.00	2.44858	(96021822)
370910.53	3757863.25	2.56820	(96021704)	370910.06	3757750.50	3.07757	(96052202)
370930.06	3757711.75	3.21771	(96052202)	370960.91	3757689.25	3.21024	(96052202)
371046.47	3757692.50	2.76142	(96052202)	371070.81	3757667.50	2.79590	(96091123)
371071.34	3757585.25	3.21090	(96091123)	371046.88	3757610.00	3.11247	(96091123)
371122.22	3757608.50	3.04359	(96091123)	371099.47	3757595.00	3.13058	(96091123)
371134.94	3757663.25	2.85070	(96091123)	371170.41	3757731.75	2.60870	(96091123)
371239.88	3757782.75	2.42440	(96091123)	371263.72	3757807.50	2.35627	(96051602)
371372.38	3757807.25	2.24818	(96050821)	371385.28	3757826.75	2.22702	(96050821)
371485.00	3757895.25	2.07446	(96021302)	371584.72	3757963.75	1.98701	(96021302)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.89375	(96021302)	371784.16	3758100.75	1.79859	(96021302)
371818.31	3758095.25	1.77981	(96021302)	371873.25	3758021.75	1.76780	(96010320)
371928.19	3757948.50	1.79288	(96061022)	371969.34	3757946.25	1.76688	(96011219)
371989.16	3757923.75	1.76808	(96011219)	371995.12	3757843.25	1.77419	(96011219)
371969.38	3757866.50	1.80019	(96011219)	372022.50	3757868.25	1.74818	(96011219)
372048.31	3757843.00	1.71204	(96011219)	372047.16	3757745.75	1.79147	(96092820)
372046.03	3757648.50	1.86163	(96090906)	372044.88	3757551.25	1.88167	(96090906)
372040.50	3757447.75	1.88382	(96020121)	372036.12	3757345.00	1.92938	(96100603)
372031.75	3757242.00	2.02009	(96100603)	372027.38	3757139.25	2.01994	(96091024)
372002.59	3757115.25	2.06079	(96091024)	371880.53	3757114.25	2.15158	(96091024)
371758.47	3757113.25	2.33323	(96100202)	371636.38	3757112.25	2.57598	(96090805)
371514.31	3757111.25	2.83819	(96090805)	371394.41	3757110.25	3.15016	(96042821)
371274.53	3757109.50	3.53504	(96101520)	371154.62	3757108.50	4.25542	(96090804)
371034.75	3757107.50	4.76855	(96092819)	371059.56	3757132.50	4.56250	(96092819)
371059.44	3757085.25	4.79212	(96090804)	371034.31	3757060.25	5.03220	(96090804)
370944.22	3757060.75	5.63274	(96063022)	370854.12	3757061.25	6.46739	(96063023)
370764.03	3757062.00	7.39189	(96011521)	370789.16	3757086.00	6.97564	(96011521)
370785.78	3756996.25	7.61353	(96063023)	370782.38	3756906.50	7.85019	(96062920)
370778.97	3756816.75	7.88129	(96010817)	370754.94	3756842.75	8.22790	(96021018)
370847.44	3756839.25	7.02001	(96090722)	370939.91	3756835.75	6.00813	(96090805)
371032.41	3756832.25	5.17265	(96010719)	371056.41	3756808.75	5.04713	(96010520)
371058.09	3756781.75	5.15035	(96061801)	371033.69	3756805.25	5.17799	(96010520)
371146.19	3756802.75	4.60398	(96061801)	371258.66	3756800.25	4.07367	(96061801)
371371.16	3756797.75	3.59126	(96061801)	371483.62	3756795.25	3.17375	(96061801)
371595.03	3756793.00	2.81963	(96061801)	371706.41	3756790.50	2.51675	(96061801)
371817.78	3756788.00	2.31437	(96100820)	371932.09	3756785.50	2.15749	(96100820)
372046.38	3756783.00	2.04264	(96011720)	372160.66	3756780.25	1.95243	(96011720)
372274.97	3756777.75	1.86286	(96011720)	372384.72	3756775.50	1.77920	(96011720)
372494.47	3756773.00	1.69889	(96011720)	372604.22	3756770.50	1.62223	(96011720)
372713.97	3756768.00	1.54946	(96011720)	372738.38	3756741.75	1.53469	(96011720)
372732.97	3756646.50	1.62015	(96052201)	372819.62	3756573.75	1.58225	(96052201)
372843.78	3756547.75	1.55450	(96052201)	372839.41	3756453.75	1.41227	(96052201)
372821.25	3756362.50	1.38189	(96031524)	372795.62	3756342.50	1.41729	(96031524)
372731.31	3756327.75	1.47401	(96031524)	372707.19	3756351.75	1.47186	(96031524)
372927.97	3756344.00	1.33627	(96052101)	372952.09	3756318.75	1.36728	(96052101)
372951.22	3756244.75	1.45338	(96052101)	372926.66	3756270.00	1.43867	(96052101)
373032.78	3756268.00	1.40256	(96052101)	373138.88	3756266.25	1.36521	(96052101)
373245.00	3756264.25	1.32770	(96052101)	373351.12	3756262.25	1.29015	(96052101)
373457.25	3756260.50	1.25258	(96052101)	373481.81	3756235.00	1.27231	(96052101)
373480.34	3756122.50	1.35143	(96052101)	373478.88	3756009.75	1.34377	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	1.25320	(96052101)	373475.94	3755784.50	1.09792	(96052101)
373474.47	3755672.00	1.08658	(96010203)	373473.00	3755559.25	1.23417	(96010203)
373447.00	3755534.75	1.27343	(96010203)	373334.22	3755539.25	1.33286	(96010203)
373221.47	3755543.75	1.38736	(96010203)	373197.47	3755568.25	1.38517	(96010203)
373195.91	3755636.25	1.32736	(96010203)	373194.34	3755704.50	1.24007	(96010203)
373219.59	3755680.00	1.25692	(96010203)	373134.91	3755679.00	1.31803	(96010203)
373159.66	3755703.50	1.26706	(96010203)	373157.94	3755634.75	1.35316	(96010203)
373156.22	3755566.00	1.40693	(96010203)	373132.47	3755541.75	1.42695	(96010203)
373055.34	3755537.75	1.45424	(96010203)	373079.06	3755562.25	1.44225	(96010203)
373077.12	3755465.00	1.44217	(96010105)	373075.16	3755368.00	1.40355	(96010105)
373073.19	3755270.75	1.30315	(96010105)	373071.22	3755173.50	1.25884	(96012523)
373046.00	3755149.00	1.24921	(96012523)	372939.09	3755150.00	1.24053	(96012523)
372832.16	3755151.00	1.25995	(96052604)	372725.25	3755152.00	1.29376	(96052604)
372622.81	3755157.25	1.31679	(96052604)	372527.31	3755158.00	1.32206	(96052604)
372430.69	3755159.00	1.31129	(96052604)	372334.09	3755159.75	1.41719	(96040523)
372237.47	3755160.50	1.53054	(96062304)	372138.81	3755161.25	1.61381	(96062304)
372040.12	3755162.25	1.66464	(96040523)	371941.47	3755163.00	1.69395	(96040523)
371842.78	3755163.75	1.68153	(96040523)	371747.72	3755164.50	1.74950	(96011119)
371652.69	3755165.25	1.86504	(96011119)	371557.62	3755166.25	1.94586	(96090204)
371462.59	3755167.00	1.98148	(96090204)	371359.16	3755167.75	1.93107	(96090204)
371255.72	3755168.75	2.08078	(96090124)	371152.25	3755169.50	2.19524	(96090124)
371048.81	3755170.50	2.17169	(96021501)	371024.06	3755196.50	2.20628	(96021501)
371027.69	3755273.25	2.33814	(96090124)	371031.34	3755350.25	2.46748	(96090124)
371019.94	3755375.50	2.51930	(96103123)	371017.91	3755470.00	2.72114	(96103123)
371017.38	3755556.25	2.85581	(96103123)	371040.31	3755531.50	2.74975	(96103123)
371025.97	3755420.25	2.60896	(96103123)	371015.62	3755399.00	2.57576	(96103123)
370915.81	3755327.25	2.37197	(96050501)	370816.03	3755255.25	2.47070	(96090201)
370736.56	3755243.75	2.46165	(96022305)	370669.19	3755237.00	2.41523	(96090603)
370571.06	3755237.25	2.59334	(96090603)	370475.62	3755237.75	2.53787	(96090603)
370380.12	3755238.25	2.62727	(96022702)	370278.66	3755239.00	2.62233	(96031404)
370177.19	3755239.50	2.50032	(96091403)	370075.72	3755240.00	2.60966	(96091403)
369979.41	3755240.50	2.45816	(96091403)	369883.09	3755241.00	2.44627	(96053124)
369786.78	3755241.50	2.41765	(96053124)	369690.47	3755242.00	2.23528	(96010507)
369594.16	3755242.75	2.24078	(96102505)	369497.88	3755243.25	2.22815	(96102505)
369396.38	3755243.75	2.07144	(96010405)	369294.91	3755244.25	2.53322	(96020304)
369193.44	3755244.75	2.56830	(96020304)	369091.97	3755245.25	2.14490	(96020304)
368990.50	3755246.00	1.86103	(96011804)	368889.03	3755246.50	1.81837	(96011302)
368782.41	3755247.00	1.78317	(96011302)	368675.78	3755247.50	1.72279	(96032702)
368569.12	3755248.25	1.65769	(96010722)	368471.00	3755248.75	1.62223	(96010722)
368372.84	3755249.25	1.55115	(96010624)	368274.69	3755249.75	1.51009	(96010624)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.48919	(96051024)	368053.72	3755209.25	1.51695	(96051024)
367940.91	3755188.50	1.52093	(96051024)	367824.03	3755184.75	1.50861	(96051024)
367710.84	3755181.25	1.46846	(96051024)	367597.62	3755177.50	1.40720	(96051024)
367484.44	3755174.00	1.37732	(96011401)	367460.69	3755189.25	1.38305	(96011401)
367415.00	3755295.25	1.36876	(96011401)	367369.31	3755401.25	1.39444	(96010120)
367323.59	3755507.25	1.36963	(96050805)	367483.66	3755199.00	1.38916	(96011401)
367300.88	3755623.25	1.34836	(96050805)	367114.28	3756056.25	1.38876	(96020721)
366984.53	3756357.50	1.32626	(96010804)	366852.91	3756663.00	1.32272	(96090202)
366902.28	3756692.00	1.32650	(96090202)	366875.53	3756760.00	1.28214	(96010303)
366812.69	3756738.50	1.28097	(96090202)	366677.25	3757024.50	1.21332	(96012624)
366536.22	3757322.00	1.22112	(96010204)	366437.28	3757530.75	1.18719	(96010604)
366486.94	3757537.25	1.19682	(96010604)	366623.91	3757468.00	1.23312	(96010604)
366644.38	3757530.75	1.22765	(96010604)	366777.06	3757519.75	1.26030	(96010603)
366998.56	3757642.25	1.31776	(96010721)	367174.25	3757739.50	1.36915	(96050521)
367290.72	3757694.25	1.40228	(96050521)	367412.66	3757694.75	1.43780	(96050521)
367409.81	3757735.75	1.42501	(96050521)	367517.78	3757796.25	1.43330	(96011402)
367539.25	3757802.00	1.43946	(96011402)	367609.12	3757676.75	1.47497	(96050521)
367769.06	3757644.25	1.49930	(96050521)	367774.81	3757718.50	1.50575	(96011402)
367809.47	3757834.50	1.44450	(96011023)	367807.06	3757935.50	1.49324	(96011023)
367774.94	3757958.50	1.48394	(96011023)	367798.12	3758011.00	1.47782	(96011023)
367914.41	3757961.50	1.50578	(96011023)	367904.53	3757930.25	1.51849	(96011023)
368108.69	3757840.25	1.56995	(96011023)	368232.75	3757790.25	1.59227	(96011023)
368308.88	3757761.50	1.62098	(96051022)	368603.38	3757765.00	1.72883	(96051022)
368603.84	3757718.50	1.79303	(96051022)	368769.72	3757798.50	1.93802	(96020719)
369017.16	3757954.25	1.94750	(96021824)	369080.28	3757864.00	2.06442	(96021824)
369224.00	3757952.25	2.17119	(96040521)	369408.72	3757730.00	2.62687	(96040521)
369454.22	3757776.00	2.47537	(96050924)	369264.97	3757996.50	2.10837	(96040521)
369451.62	3758128.00	2.11763	(96100201)	369459.97	3758394.25	1.85407	(96062005)
369853.09	3758394.25	2.03682	(96092821)	369850.44	3758078.00	2.41453	(96062921)
370298.62	3758078.25	2.51772	(96042521)	370297.53	3757962.75	2.86202	(96041320)
370382.34	3757966.00	2.83614	(96010107)	370510.12	3758027.25	2.67008	(96043022)
370505.62	3758087.75	2.47282	(96043022)	370886.41	3758089.00	2.32436	(96043024)
370885.06	3757750.50	3.07107	(96052202)	370907.31	3757701.50	3.29582	(96052202)
370944.91	3757670.00	3.32312	(96052202)	371045.81	3757667.50	2.80768	(96021821)
371046.34	3757585.00	3.23392	(96091123)	371121.66	3757583.50	3.11757	(96091123)
371192.59	3757720.25	2.62242	(96091123)	371253.97	3757762.25	2.45234	(96091123)
371263.66	3757782.50	2.40038	(96091123)	371372.34	3757782.25	2.25134	(96101007)
371399.44	3757806.25	2.20188	(96050821)	371798.31	3758080.25	1.80052	(96021302)
371908.19	3757933.50	1.81352	(96061022)	371964.22	3757921.75	1.78459	(96011219)
371970.19	3757841.50	1.80068	(96011219)	372023.31	3757843.25	1.74214	(96011219)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.90933	(96090906)	372002.41	3757140.25	2.03648	(96091024)
371514.12	3757136.25	2.80544	(96042821)	371034.56	3757132.50	4.67959	(96092819)
371034.44	3757085.25	4.87358	(96090804)	370764.19	3757087.00	7.42955	(96011521)
370754.00	3756817.75	8.08054	(96092719)	371031.47	3756807.25	5.18212	(96010520)
371033.12	3756780.25	5.28849	(96061801)	371483.09	3756770.25	3.13886	(96061801)
371817.25	3756763.00	2.30140	(96100820)	372274.41	3756752.75	1.87552	(96011720)
372713.41	3756743.00	1.55110	(96011720)	372702.62	3756552.50	1.58917	(96052201)
372818.81	3756548.75	1.56099	(96052201)	372814.44	3756455.00	1.41736	(96052201)
372796.75	3756367.50	1.39376	(96031524)	372704.81	3756371.50	1.45475	(96031524)
372706.31	3756326.75	1.49268	(96031524)	372927.09	3756319.25	1.37614	(96052101)
372926.22	3756245.00	1.46145	(96052101)	373456.81	3756235.50	1.28093	(96052101)
373448.00	3755559.75	1.24903	(96010203)	373222.47	3755568.75	1.37177	(96010203)
373219.34	3755705.00	1.22085	(96010203)	373134.66	3755704.00	1.28463	(96010203)
373131.22	3755566.75	1.41826	(96010203)	373054.09	3755562.75	1.45170	(96010203)
373046.22	3755174.00	1.26084	(96012523)	372725.47	3755177.00	1.30642	(96052604)
372624.12	3755182.25	1.33498	(96052604)	372237.69	3755185.50	1.51046	(96040523)
371843.00	3755188.75	1.71817	(96040523)	371462.81	3755192.00	2.01307	(96090204)
371049.03	3755195.50	2.21341	(96090124)	371056.31	3755349.00	2.45518	(96090124)
371043.41	3755384.00	2.51317	(96103123)	371042.38	3755556.25	2.76038	(96103123)
370995.81	3755560.25	2.93285	(96103123)	371001.00	3755419.25	2.63629	(96103123)
370801.41	3755275.50	2.51524	(96022305)	370666.66	3755261.75	2.47076	(96012204)
370380.28	3755263.25	2.69230	(96022702)	370075.88	3755265.00	2.67568	(96091403)
369786.91	3755266.50	2.46668	(96053124)	369498.00	3755268.25	2.24751	(96102505)
369193.59	3755269.75	2.51323	(96020304)	368889.16	3755271.50	1.84540	(96011302)
368569.28	3755273.25	1.66054	(96010722)	368274.84	3755274.75	1.51735	(96010624)
367936.44	3755213.25	1.53437	(96051024)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	4.02798	(96062303)	372498.53	3757611.75	3.52235	(96051204)
372248.53	3757861.75	3.89128	(96062303)	372498.53	3757861.75	3.66282	(96062303)
372248.53	3758111.75	3.78572	(96010104)	372498.53	3758111.75	3.33737	(96010104)
372248.53	3758361.75	3.44325	(96032723)	372498.53	3758361.75	3.28023	(96011322)
373792.78	3755334.75	2.36549	(96010203)	374092.78	3755334.75	2.07670	(96010203)
373792.78	3755709.75	2.13194	(96052101)	374092.78	3755709.75	2.06278	(96052101)
373792.78	3756084.75	2.51532	(96052101)	374092.78	3756084.75	2.26399	(96052101)
373792.78	3756459.75	2.45013	(96052201)	374092.78	3756459.75	2.24046	(96052201)
373792.78	3756834.75	2.41199	(96052201)	374092.78	3756834.75	2.20977	(96052201)
373792.78	3757209.75	2.45069	(96051805)	374092.78	3757209.75	2.21061	(96051805)
373792.78	3757584.75	2.15787	(96051204)	374092.78	3757584.75	1.96609	(96051805)
373792.78	3757959.75	2.37026	(96040404)	374092.78	3757959.75	2.18191	(96040404)
373792.78	3758334.75	2.06383	(96062303)	374092.78	3758334.75	1.86776	(96040404)
373792.78	3758709.75	2.14636	(96062303)	374092.78	3758709.75	1.98359	(96062303)
370479.03	3756653.75	34.32894	(96101809)	367277.91	3755613.50	2.77948	(96050805)
367231.25	3755721.75	2.73313	(96011019)	367184.62	3755830.00	2.72189	(96010201)
367137.97	3755938.25	2.75845	(96010801)	367091.34	3756046.50	2.76079	(96030207)
367048.09	3756146.75	2.70032	(96030207)	367004.81	3756247.25	2.65104	(96010804)
366961.56	3756347.50	2.66556	(96010804)	366917.69	3756449.50	2.64985	(96010805)
366873.81	3756551.25	2.57378	(96010805)	366829.94	3756653.00	2.52785	(96090202)
366840.22	3756684.50	2.52768	(96090202)	366889.59	3756713.50	2.55356	(96090202)
366879.00	3756682.75	2.56113	(96090202)	366852.25	3756751.00	2.52472	(96010303)
366883.62	3756736.50	2.53567	(96010303)	366820.78	3756715.00	2.49550	(96090202)
366790.12	3756728.00	2.46188	(96090202)	366744.97	3756823.25	2.48875	(96010303)
366699.81	3756918.50	2.46027	(96010303)	366654.66	3757013.75	2.36693	(96010303)
366607.66	3757113.00	2.34109	(96012624)	366560.62	3757212.00	2.30584	(96010204)
366513.62	3757311.25	2.28618	(96010204)	366464.16	3757415.75	2.23386	(96010202)
366414.69	3757520.00	2.19950	(96010604)	366434.03	3757555.50	2.20567	(96010604)
366483.69	3757562.00	2.23272	(96010604)	366566.69	3757525.00	2.29648	(96010604)
366620.62	3757538.50	2.32467	(96010604)	366646.41	3757555.50	2.33448	(96010603)
366712.75	3757550.25	2.38657	(96010603)	366779.09	3757544.75	2.43957	(96010603)
366838.81	3757582.50	2.48151	(96010603)	366912.62	3757623.25	2.50815	(96010603)
366986.47	3757664.25	2.56420	(96010721)	367074.31	3757712.75	2.63220	(96010721)
367162.16	3757761.25	2.68429	(96050521)	367299.75	3757717.75	2.82189	(96050521)
367384.88	3757734.00	2.89335	(96050521)	367397.59	3757757.50	2.88444	(96050521)
367505.56	3757818.00	2.99370	(96011402)	367532.81	3757826.00	3.01768	(96011402)
367561.06	3757814.00	3.05122	(96011402)	367596.03	3757751.50	3.10573	(96011402)
367630.97	3757689.00	3.13558	(96050521)	367694.09	3757685.00	3.22475	(96011402)
367749.88	3757720.50	3.29832	(96011402)	367785.50	3757841.75	3.16557	(96011402)
367782.09	3757935.00	3.21251	(96011023)	367752.06	3757968.50	3.17070	(96011023)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	3.16498	(96011023)	367807.91	3758034.00	3.17500	(96011023)
367866.06	3758009.25	3.24503	(96011023)	367924.19	3757984.50	3.31677	(96011023)
367938.25	3757954.00	3.37016	(96011023)	367928.38	3757922.75	3.39486	(96011023)
367914.62	3757953.25	3.35197	(96011023)	368016.69	3757908.25	3.49331	(96011023)
368118.78	3757863.25	3.64221	(96011023)	368180.06	3757838.50	3.73104	(96011023)
368242.09	3757813.50	3.82250	(96011023)	368317.75	3757784.75	3.93157	(96011023)
368406.72	3757787.75	3.93720	(96011023)	368504.88	3757788.75	4.11748	(96011223)
368603.06	3757790.00	4.38338	(96011223)	368628.38	3757765.25	4.44311	(96011223)
368675.91	3757781.00	4.53777	(96011223)	368758.84	3757821.00	4.51760	(96011223)
368838.88	3757871.50	4.47566	(96012823)	368921.38	3757923.50	4.50773	(96010302)
369003.84	3757975.50	4.82265	(96010302)	369037.66	3757968.75	4.89606	(96010302)
369100.78	3757878.25	5.19043	(96010302)	369067.19	3757885.25	5.08255	(96010302)
369139.03	3757929.50	5.04976	(96010302)	369210.91	3757973.75	5.22280	(96050523)
369243.25	3757968.25	5.27111	(96050523)	369304.81	3757894.25	5.62417	(96050523)
369366.38	3757820.00	6.10554	(96050523)	369436.44	3757793.50	6.59509	(96020718)
369435.25	3757759.75	6.77363	(96020718)	369250.56	3758016.75	5.11160	(96020718)
369343.91	3758082.50	4.87478	(96020718)	369437.25	3758148.25	4.33292	(96020206)
369429.41	3758217.50	4.27554	(96020206)	369432.19	3758306.25	4.16469	(96020206)
369434.97	3758395.00	4.00511	(96020206)	369459.97	3758419.25	3.95832	(96020206)
369558.25	3758419.25	3.83067	(96020206)	369656.53	3758419.25	4.15150	(96021424)
369754.81	3758419.25	4.42068	(96021424)	369853.09	3758419.25	4.36583	(96021424)
369878.09	3758394.00	4.37057	(96021424)	369877.19	3758288.75	4.67850	(96021424)
369876.31	3758183.25	5.11700	(96021424)	369962.47	3758103.00	5.08165	(96021424)
370074.53	3758103.00	5.90269	(96020323)	370186.59	3758103.00	5.76186	(96010923)
370298.62	3758103.25	6.18894	(96052424)	370323.62	3758078.00	6.36105	(96052424)
370381.38	3757991.00	6.92927	(96010720)	370435.41	3758019.25	6.05809	(96011020)
370499.31	3758049.75	6.43944	(96011020)	370485.19	3758025.25	6.54837	(96011020)
370480.69	3758086.00	6.10552	(96011020)	370505.53	3758112.75	6.06909	(96011020)
370600.72	3758113.25	5.92977	(96011020)	370695.94	3758113.50	5.13824	(96010922)
370791.12	3758113.75	4.53903	(96092404)	370886.34	3758114.00	4.61254	(96011823)
370911.41	3758089.00	4.71000	(96011823)	370910.97	3757976.00	5.09830	(96011823)
370910.53	3757863.25	5.88454	(96033002)	370910.06	3757750.50	7.02840	(96033002)
370930.06	3757711.75	7.37219	(96033002)	370960.91	3757689.25	7.30154	(96033002)
371046.47	3757692.50	6.00217	(96033002)	371070.81	3757667.50	6.42419	(96021303)
371071.34	3757585.25	7.07839	(96021303)	371046.88	3757610.00	6.88791	(96021303)
371122.22	3757608.50	6.76473	(96021303)	371099.47	3757595.00	6.92459	(96021303)
371134.94	3757663.25	6.49937	(96021303)	371170.41	3757731.75	6.12234	(96021303)
371239.88	3757782.75	5.84003	(96021303)	371263.72	3757807.50	5.72458	(96021303)
371372.38	3757807.25	5.28080	(96021303)	371385.28	3757826.75	5.23608	(96021303)
371485.00	3757895.25	4.79616	(96021303)	371584.72	3757963.75	4.38700	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	4.00620	(96021303)	371784.16	3758100.75	3.85393	(96032723)
371818.31	3758095.25	3.95051	(96032723)	371873.25	3758021.75	4.26253	(96032723)
371928.19	3757948.50	4.37727	(96011322)	371969.34	3757946.25	4.31457	(96011322)
371989.16	3757923.75	4.33093	(96010104)	371995.12	3757843.25	4.39176	(96010104)
371969.38	3757866.50	4.43624	(96010104)	372022.50	3757868.25	4.32689	(96010104)
372048.31	3757843.00	4.24862	(96010104)	372047.16	3757745.75	4.27765	(96062303)
372046.03	3757648.50	4.53675	(96062303)	372044.88	3757551.25	4.54950	(96062303)
372040.50	3757447.75	4.26899	(96062303)	372036.12	3757345.00	4.71793	(96051204)
372031.75	3757242.00	4.94163	(96051204)	372027.38	3757139.25	4.74445	(96051204)
372002.59	3757115.25	4.72547	(96051204)	371880.53	3757114.25	5.18122	(96051204)
371758.47	3757113.25	5.61970	(96051204)	371636.38	3757112.25	5.99424	(96051204)
371514.31	3757111.25	6.23072	(96051204)	371394.41	3757110.25	6.21273	(96051204)
371274.53	3757109.50	6.71305	(96021524)	371154.62	3757108.50	7.47272	(96062303)
371034.75	3757107.50	8.24046	(96010419)	371059.56	3757132.50	7.95683	(96010104)
371059.44	3757085.25	8.17202	(96092820)	371034.31	3757060.25	8.65516	(96090906)
370944.22	3757060.75	10.02956	(96101320)	370854.12	3757061.25	12.44681	(96011219)
370764.03	3757062.00	16.12517	(96021302)	370789.16	3757086.00	15.16980	(96021302)
370785.78	3756996.25	14.28445	(96011219)	370782.38	3756906.50	13.14178	(96090804)
370778.97	3756816.75	13.02641	(96090805)	370754.94	3756842.75	13.55847	(96101520)
370847.44	3756839.25	11.43647	(96090805)	370939.91	3756835.75	10.13691	(96100603)
371032.41	3756832.25	9.08084	(96091024)	371056.41	3756808.75	8.69065	(96091024)
371058.09	3756781.75	8.70327	(96090903)	371033.69	3756805.25	8.99250	(96091024)
371146.19	3756802.75	7.60974	(96090903)	371258.66	3756800.25	7.09391	(96051805)
371371.16	3756797.75	6.81153	(96051805)	371483.62	3756795.25	6.43742	(96051805)
371595.03	3756793.00	6.03379	(96051805)	371706.41	3756790.50	5.62508	(96051805)
371817.78	3756788.00	5.22954	(96051805)	371932.09	3756785.50	4.84724	(96051805)
372046.38	3756783.00	4.64388	(96052201)	372160.66	3756780.25	4.46913	(96052201)
372274.97	3756777.75	4.29182	(96052201)	372384.72	3756775.50	4.12365	(96052201)
372494.47	3756773.00	3.96141	(96052201)	372604.22	3756770.50	3.80503	(96052201)
372713.97	3756768.00	3.65522	(96052201)	372738.38	3756741.75	3.69096	(96052201)
372732.97	3756646.50	3.82781	(96052201)	372819.62	3756573.75	3.65466	(96052201)
372843.78	3756547.75	3.57996	(96052201)	372839.41	3756453.75	3.33826	(96052201)
372821.25	3756362.50	3.37073	(96052101)	372795.62	3756342.50	3.46904	(96052101)
372731.31	3756327.75	3.61774	(96052101)	372707.19	3756351.75	3.60336	(96052101)
372927.97	3756344.00	3.24399	(96052101)	372952.09	3756318.75	3.26590	(96052101)
372951.22	3756244.75	3.38664	(96052101)	372926.66	3756270.00	3.39372	(96052101)
373032.78	3756268.00	3.23646	(96052101)	373138.88	3756266.25	3.08768	(96052101)
373245.00	3756264.25	2.94774	(96052101)	373351.12	3756262.25	2.81590	(96052101)
373457.25	3756260.50	2.69132	(96052101)	373481.81	3756235.00	2.70227	(96052101)
373480.34	3756122.50	2.80145	(96052101)	373478.88	3756009.75	2.77072	(96052101)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.61770	(96052101)	373475.94	3755784.50	2.36486	(96052101)
373474.47	3755672.00	2.35060	(96010203)	373473.00	3755559.25	2.54922	(96010203)
373447.00	3755534.75	2.61342	(96010203)	373334.22	3755539.25	2.75799	(96010203)
373221.47	3755543.75	2.90122	(96010203)	373197.47	3755568.25	2.91934	(96010203)
373195.91	3755636.25	2.85397	(96010203)	373194.34	3755704.50	2.74060	(96010203)
373219.59	3755680.00	2.74514	(96010203)	373134.91	3755679.00	2.88966	(96010203)
373159.66	3755703.50	2.80297	(96010203)	373157.94	3755634.75	2.91544	(96010203)
373156.22	3755566.00	2.97560	(96010203)	373132.47	3755541.75	3.01194	(96010203)
373055.34	3755537.75	3.09983	(96010203)	373079.06	3755562.25	3.07526	(96010203)
373077.12	3755465.00	3.04666	(96010105)	373075.16	3755368.00	2.95605	(96010105)
373073.19	3755270.75	2.77347	(96010105)	373071.22	3755173.50	2.52115	(96010105)
373046.00	3755149.00	2.50383	(96012523)	372939.09	3755150.00	2.54534	(96012523)
372832.16	3755151.00	2.56238	(96012523)	372725.25	3755152.00	2.55023	(96012523)
372622.81	3755157.25	2.51954	(96012523)	372527.31	3755158.00	2.80717	(96062304)
372430.69	3755159.00	3.12389	(96062304)	372334.09	3755159.75	3.42938	(96062304)
372237.47	3755160.50	3.70443	(96062304)	372138.81	3755161.25	3.93031	(96062304)
372040.12	3755162.25	4.07451	(96062304)	371941.47	3755163.00	4.10965	(96062304)
371842.78	3755163.75	4.01295	(96062304)	371747.72	3755164.50	4.35365	(96010523)
371652.69	3755165.25	4.58878	(96010523)	371557.62	3755166.25	4.64769	(96020705)
371462.59	3755167.00	4.78143	(96020705)	371359.16	3755167.75	4.64204	(96020705)
371255.72	3755168.75	4.83420	(96032604)	371152.25	3755169.50	5.11649	(96032604)
371048.81	3755170.50	5.23796	(96020403)	371024.06	3755196.50	5.38418	(96020403)
371027.69	3755273.25	5.40427	(96032604)	371031.34	3755350.25	5.76242	(96032604)
371019.94	3755375.50	5.87060	(96032604)	371017.91	3755470.00	6.21322	(96032604)
371017.38	3755556.25	6.27689	(96032604)	371040.31	3755531.50	6.07055	(96032604)
371025.97	3755420.25	6.03526	(96032604)	371015.62	3755399.00	5.97249	(96032604)
370915.81	3755327.25	6.10766	(96020403)	370816.03	3755255.25	5.47730	(96020403)
370736.56	3755243.75	4.60260	(96020403)	370669.19	3755237.00	4.71710	(96020401)
370571.06	3755237.25	5.02036	(96011003)	370475.62	3755237.75	4.86913	(96011003)
370380.12	3755238.25	4.58790	(96010119)	370278.66	3755239.00	5.49117	(96010119)
370177.19	3755239.50	5.84450	(96010119)	370075.72	3755240.00	5.41291	(96020703)
369979.41	3755240.50	5.94790	(96020703)	369883.09	3755241.00	5.78152	(96011123)
369786.78	3755241.50	6.13833	(96011123)	369690.47	3755242.00	5.64498	(96011123)
369594.16	3755242.75	5.50580	(96010121)	369497.88	3755243.25	5.53648	(96010121)
369396.38	3755243.75	7.11827	(96020304)	369294.91	3755244.25	8.37468	(96020304)
369193.44	3755244.75	8.31926	(96020304)	369091.97	3755245.25	7.16675	(96020304)
368990.50	3755246.00	5.47712	(96020304)	368889.03	3755246.50	4.25116	(96020707)
368782.41	3755247.00	4.34475	(96061901)	368675.78	3755247.50	4.28024	(96061901)
368569.12	3755248.25	4.13752	(96010722)	368471.00	3755248.75	3.97880	(96010722)
368372.84	3755249.25	3.82703	(96011102)	368274.69	3755249.75	3.64090	(96011102)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	3.41021	(96090605)	368053.72	3755209.25	3.35686	(96090605)
367940.91	3755188.50	3.27299	(96090605)	367824.03	3755184.75	3.17973	(96041102)
367710.84	3755181.25	3.05211	(96041102)	367597.62	3755177.50	2.89828	(96041102)
367484.44	3755174.00	2.82531	(96011401)	367460.69	3755189.25	2.82688	(96011401)
367415.00	3755295.25	2.81738	(96011401)	367369.31	3755401.25	2.82033	(96010120)
367323.59	3755507.25	2.81372	(96050805)	367483.66	3755199.00	2.85054	(96011401)
367300.88	3755623.25	2.80206	(96050805)	367114.28	3756056.25	2.78469	(96030207)
366984.53	3756357.50	2.68601	(96010804)	366852.91	3756663.00	2.54528	(96090202)
366902.28	3756692.00	2.57692	(96090202)	366875.53	3756760.00	2.55434	(96010303)
366812.69	3756738.50	2.47692	(96010303)	366677.25	3757024.50	2.37038	(96010303)
366536.22	3757322.00	2.29907	(96010204)	366437.28	3757530.75	2.21296	(96010604)
366486.94	3757537.25	2.24283	(96010604)	366623.91	3757468.00	2.34514	(96010604)
366644.38	3757530.75	2.34303	(96010604)	366777.06	3757519.75	2.43325	(96010603)
366998.56	3757642.25	2.57047	(96010721)	367174.25	3757739.50	2.69672	(96050521)
367290.72	3757694.25	2.81381	(96050521)	367412.66	3757694.75	2.93941	(96050521)
367409.81	3757735.75	2.91284	(96050521)	367517.78	3757796.25	3.01133	(96011402)
367539.25	3757802.00	3.03373	(96011402)	367609.12	3757676.75	3.13317	(96050521)
367769.06	3757644.25	3.32008	(96011402)	367774.81	3757718.50	3.32829	(96011402)
367809.47	3757834.50	3.20109	(96011023)	367807.06	3757935.50	3.24577	(96011023)
367774.94	3757958.50	3.20089	(96011023)	367798.12	3758011.00	3.19369	(96011023)
367914.41	3757961.50	3.34213	(96011023)	367904.53	3757930.25	3.36386	(96011023)
368108.69	3757840.25	3.66538	(96011023)	368232.75	3757790.25	3.85840	(96011023)
368308.88	3757761.50	3.97744	(96011023)	368603.38	3757765.00	4.37794	(96011223)
368603.84	3757718.50	4.32710	(96011223)	368769.72	3757798.50	4.59397	(96011223)
369017.16	3757954.25	4.87766	(96010302)	369080.28	3757864.00	5.14182	(96010302)
369224.00	3757952.25	5.30553	(96050523)	369408.72	3757730.00	6.92465	(96050523)
369454.22	3757776.00	6.81275	(96020718)	369264.97	3757996.50	5.19093	(96020718)
369451.62	3758128.00	4.40559	(96020206)	369459.97	3758394.25	4.01702	(96020206)
369853.09	3758394.25	4.43092	(96021424)	369850.44	3758078.00	5.57538	(96021424)
370298.62	3758078.25	6.36933	(96052424)	370297.53	3757962.75	7.49043	(96052424)
370382.34	3757966.00	7.17663	(96010720)	370510.12	3758027.25	6.63448	(96011020)
370505.62	3758087.75	6.21637	(96011020)	370886.41	3758089.00	4.70808	(96011823)
370885.06	3757750.50	6.90675	(96033002)	370907.31	3757701.50	7.50415	(96033002)
370944.91	3757670.00	7.52757	(96033002)	371045.81	3757667.50	6.24267	(96021303)
371046.34	3757585.00	7.11442	(96021303)	371121.66	3757583.50	6.82864	(96021303)
371192.59	3757720.25	6.13931	(96021303)	371253.97	3757762.25	5.85316	(96021303)
371263.66	3757782.50	5.78413	(96021303)	371372.34	3757782.25	5.23098	(96021303)
371399.44	3757806.25	5.11267	(96021303)	371798.31	3758080.25	3.98031	(96032723)
371908.19	3757933.50	4.42502	(96011322)	371964.22	3757921.75	4.35681	(96010104)
371970.19	3757841.50	4.45004	(96010104)	372023.31	3757843.25	4.31914	(96010104)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	4.62394	(96062303)	372002.41	3757140.25	4.83753	(96051204)
371514.12	3757136.25	6.08301	(96051204)	371034.56	3757132.50	8.41341	(96010104)
371034.44	3757085.25	8.43026	(96092820)	370764.19	3757087.00	15.85590	(96021302)
370754.00	3756817.75	13.28047	(96090805)	371031.47	3756807.25	9.12187	(96091024)
371033.12	3756780.25	9.01261	(96090903)	371483.09	3756770.25	6.27495	(96051805)
371817.25	3756763.00	5.20710	(96052201)	372274.41	3756752.75	4.41415	(96052201)
372713.41	3756743.00	3.72453	(96052201)	372702.62	3756552.50	3.79733	(96052201)
372818.81	3756548.75	3.61728	(96052201)	372814.44	3756455.00	3.37191	(96052201)
372796.75	3756367.50	3.39852	(96052101)	372704.81	3756371.50	3.55149	(96052101)
372706.31	3756326.75	3.66512	(96052101)	372927.09	3756319.25	3.30447	(96052101)
372926.22	3756245.00	3.42389	(96052101)	373456.81	3756235.50	2.73032	(96052101)
373448.00	3755559.75	2.58301	(96010203)	373222.47	3755568.75	2.88505	(96010203)
373219.34	3755705.00	2.69634	(96010203)	373134.66	3755704.00	2.84578	(96010203)
373131.22	3755566.75	3.00803	(96010203)	373054.09	3755562.75	3.10580	(96010203)
373046.22	3755174.00	2.52851	(96012523)	372725.47	3755177.00	2.61023	(96012523)
372624.12	3755182.25	2.59170	(96012523)	372237.69	3755185.50	3.67781	(96062304)
371843.00	3755188.75	4.12088	(96062304)	371462.81	3755192.00	4.84421	(96020705)
371049.03	3755195.50	5.24415	(96020403)	371056.31	3755349.00	5.73910	(96032604)
371043.41	3755384.00	5.87597	(96032604)	371042.38	3755556.25	5.98246	(96032604)
370995.81	3755560.25	6.48125	(96032604)	371001.00	3755419.25	6.07139	(96032604)
370801.41	3755275.50	5.49326	(96020403)	370666.66	3755261.75	4.80808	(96020401)
370380.28	3755263.25	4.62323	(96010119)	370075.88	3755265.00	5.55052	(96020703)
369786.91	3755266.50	6.25241	(96011123)	369498.00	3755268.25	5.58936	(96010121)
369193.59	3755269.75	8.26867	(96020304)	368889.16	3755271.50	4.35017	(96061901)
368569.28	3755273.25	4.16849	(96010722)	368274.84	3755274.75	3.62255	(96011102)
367936.44	3755213.25	3.30333	(96041102)				

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.48574	(96101124)	372498.53	3757611.75	1.37202	(96062303)
372248.53	3757861.75	1.29182	(96100806)	372498.53	3757861.75	1.26118	(96101124)
372248.53	3758111.75	1.29190	(96011321)	372498.53	3758111.75	1.15106	(96100806)
372248.53	3758361.75	1.31096	(96011321)	372498.53	3758361.75	1.13844	(96011321)
373792.78	3755334.75	0.41366	(96010203)	374092.78	3755334.75	0.36846	(96010203)
373792.78	3755709.75	0.37580	(96032006)	374092.78	3755709.75	0.35639c	(96052103)
373792.78	3756084.75	0.49656	(96100606)	374092.78	3756084.75	0.46274	(96100606)
373792.78	3756459.75	0.59177	(96100321)	374092.78	3756459.75	0.53357	(96100321)
373792.78	3756834.75	0.77806	(96090324)	374092.78	3756834.75	0.68744	(96090324)
373792.78	3757209.75	0.89343	(96090324)	374092.78	3757209.75	0.80010	(96090324)
373792.78	3757584.75	0.78838	(96090324)	374092.78	3757584.75	0.73910	(96090324)
373792.78	3757959.75	0.86148	(96100224)	374092.78	3757959.75	0.77428	(96100224)
373792.78	3758334.75	0.86591	(96062303)	374092.78	3758334.75	0.79892	(96062303)
373792.78	3758709.75	0.74909	(96100806)	374092.78	3758709.75	0.73560	(96062303)
370479.03	3756653.75	12.46518	(96030512)	367277.91	3755613.50	1.11143	(96101106)
367231.25	3755721.75	1.05147	(96101106)	367184.62	3755830.00	0.96270	(96062506)
367137.97	3755938.25	0.91405	(96062506)	367091.34	3756046.50	0.90202	(96022406)
367048.09	3756146.75	0.88623	(96102406)	367004.81	3756247.25	0.89017	(96102406)
366961.56	3756347.50	0.94407	(96010806)	366917.69	3756449.50	0.95544	(96010806)
366873.81	3756551.25	0.92412	(96010806)	366829.94	3756653.00	0.90554	(96100106)
366840.22	3756684.50	0.90856	(96101003)	366889.59	3756713.50	0.94217	(96101003)
366879.00	3756682.75	0.92043	(96100106)	366852.25	3756751.00	0.95554	(96101003)
366883.62	3756736.50	0.95554	(96101003)	366820.78	3756715.00	0.92461	(96101003)
366790.12	3756728.00	0.92477	(96101003)	366744.97	3756823.25	0.96076	(96101003)
366699.81	3756918.50	0.97423	(96101003)	366654.66	3757013.75	0.96613	(96101003)
366607.66	3757113.00	0.93725	(96101003)	366560.62	3757212.00	0.89127	(96101003)
366513.62	3757311.25	0.83223	(96101003)	366464.16	3757415.75	0.76075	(96101003)
366414.69	3757520.00	0.68446	(96101003)	366434.03	3757555.50	0.65865	(96101003)
366483.69	3757562.00	0.65628	(96030103)	366566.69	3757525.00	0.68418	(96101003)
366620.62	3757538.50	0.69139	(96030103)	366646.41	3757555.50	0.70288	(96030103)
366712.75	3757550.25	0.72250	(96030103)	366779.09	3757544.75	0.74280	(96030103)
366838.81	3757582.50	0.76853	(96030103)	366912.62	3757623.25	0.79652	(96030103)
366986.47	3757664.25	0.82069	(96030103)	367074.31	3757712.75	0.84315	(96030103)
367162.16	3757761.25	0.85725	(96030103)	367299.75	3757717.75	0.90573	(96030103)
367384.88	3757734.00	0.92219	(96030103)	367397.59	3757757.50	0.92097	(96021806)
367505.56	3757818.00	0.96872	(96021806)	367532.81	3757826.00	0.97891	(96021806)
367561.06	3757814.00	0.99181	(96021806)	367596.03	3757751.50	1.01193	(96021806)
367630.97	3757689.00	1.02751	(96021806)	367694.09	3757685.00	1.06032	(96021806)
367749.88	3757720.50	1.08729	(96021806)	367785.50	3757841.75	1.06785	(96021806)
367782.09	3757935.00	1.01766	(96021806)	367752.06	3757968.50	0.99138	(96021806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.95888	(96021806)	367807.91	3758034.00	0.95178	(96021806)
367866.06	3758009.25	0.97479	(96021806)	367924.19	3757984.50	0.99856	(96021806)
367938.25	3757954.00	1.02587	(96021806)	367928.38	3757922.75	1.05078	(96021806)
367914.62	3757953.25	1.02450	(96021806)	368016.69	3757908.25	1.07272	(96021806)
368118.78	3757863.25	1.12423	(96021806)	368180.06	3757838.50	1.15432	(96021806)
368242.09	3757813.50	1.18566	(96021806)	368317.75	3757784.75	1.22285	(96021806)
368406.72	3757787.75	1.21281	(96021806)	368504.88	3757788.75	1.18938	(96021806)
368603.06	3757790.00	1.20599	(96100324)	368628.38	3757765.25	1.21884	(96100324)
368675.91	3757781.00	1.25402	(96100324)	368758.84	3757821.00	1.34355	(96062503)
368838.88	3757871.50	1.41614	(96062503)	368921.38	3757923.50	1.44958	(96062503)
369003.84	3757975.50	1.43162	(96062503)	369037.66	3757968.75	1.44285	(96062503)
369100.78	3757878.25	1.56373	(96062503)	369067.19	3757885.25	1.54845	(96062503)
369139.03	3757929.50	1.48952	(96062503)	369210.91	3757973.75	1.37670	(96062503)
369243.25	3757968.25	1.35923	(96062503)	369304.81	3757894.25	1.45082	(96062503)
369366.38	3757820.00	1.55852	(96062503)	369436.44	3757793.50	1.53734	(96030324)
369435.25	3757759.75	1.63365	(96062503)	369250.56	3758016.75	1.25628	(96062503)
369343.91	3758082.50	1.10210	(96030324)	369437.25	3758148.25	0.93762	(96030324)
369429.41	3758217.50	0.89010	(96020921)	369432.19	3758306.25	0.85006	(96020921)
369434.97	3758395.00	0.80883	(96020921)	369459.97	3758419.25	0.80101	(96020921)
369558.25	3758419.25	0.80840	(96020921)	369656.53	3758419.25	0.80303	(96020921)
369754.81	3758419.25	0.80987	(96041024)	369853.09	3758419.25	0.82759	(96041024)
369878.09	3758394.00	0.84517	(96041024)	369877.19	3758288.75	0.92234	(96041024)
369876.31	3758183.25	1.00837	(96041024)	369962.47	3758103.00	1.09636	(96041024)
370074.53	3758103.00	1.12273	(96040521)	370186.59	3758103.00	1.18059	(96040521)
370298.62	3758103.25	1.18216	(96040521)	370323.62	3758078.00	1.19530	(96040521)
370381.38	3757991.00	1.37093	(96010109)	370435.41	3758019.25	1.30351	(96010109)
370499.31	3758049.75	1.29983	(96032203)	370485.19	3758025.25	1.32483	(96032203)
370480.69	3758086.00	1.22726	(96032203)	370505.53	3758112.75	1.22349	(96032203)
370600.72	3758113.25	1.37257c	(96043024)	370695.94	3758113.50	1.43245c	(96043024)
370791.12	3758113.75	1.41023c	(96043024)	370886.34	3758114.00	1.29679c	(96043024)
370911.41	3758089.00	1.25752c	(96043024)	370910.97	3757976.00	1.39903	(96092403)
370910.53	3757863.25	1.56742	(96092403)	370910.06	3757750.50	1.76085	(96092403)
370930.06	3757711.75	1.80315	(96092403)	370960.91	3757689.25	1.78471	(96092403)
371046.47	3757692.50	1.70333	(96021821)	371070.81	3757667.50	1.78312	(96021821)
371071.34	3757585.25	2.00927	(96021821)	371046.88	3757610.00	1.95044	(96021821)
371122.22	3757608.50	2.06850	(96011321)	371099.47	3757595.00	2.04779	(96011321)
371134.94	3757663.25	1.87972	(96011321)	371170.41	3757731.75	1.72792	(96011321)
371239.88	3757782.75	1.74947	(96011321)	371263.72	3757807.50	1.72815	(96011321)
371372.38	3757807.25	1.94283	(96011321)	371385.28	3757826.75	1.90823	(96011321)
371485.00	3757895.25	1.85348	(96011321)	371584.72	3757963.75	1.78541	(96011321)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.71027	(96011321)	371784.16	3758100.75	1.63226	(96011321)
371818.31	3758095.25	1.63618	(96011321)	371873.25	3758021.75	1.66441	(96011321)
371928.19	3757948.50	1.61618	(96011321)	371969.34	3757946.25	1.56227	(96011321)
371989.16	3757923.75	1.52337	(96011321)	371995.12	3757843.25	1.44762	(96011321)
371969.38	3757866.50	1.51225	(96011321)	372022.50	3757868.25	1.42763	(96011321)
372048.31	3757843.00	1.39989	(96010321)	372047.16	3757745.75	1.39098	(96100806)
372046.03	3757648.50	1.49757	(96101124)	372044.88	3757551.25	1.59591	(96101124)
372040.50	3757447.75	1.63166	(96101124)	372036.12	3757345.00	1.67424	(96090806)
372031.75	3757242.00	1.67391	(96090806)	372027.38	3757139.25	1.76849	(96090324)
372002.59	3757115.25	1.83548	(96090324)	371880.53	3757114.25	1.88378	(96090324)
371758.47	3757113.25	2.11503	(96091624)	371636.38	3757112.25	2.38192	(96090806)
371514.31	3757111.25	2.70709	(96090806)	371394.41	3757110.25	3.03480	(96090806)
371274.53	3757109.50	3.32592	(96090806)	371154.62	3757108.50	3.83553	(96062224)
371034.75	3757107.50	4.15749	(96062224)	371059.56	3757132.50	3.97575	(96062224)
371059.44	3757085.25	4.23525	(96062224)	371034.31	3757060.25	4.39628	(96062224)
370944.22	3757060.75	4.45622	(96092324)	370854.12	3757061.25	5.03393	(96091921)
370764.03	3757062.00	5.17623	(96040621)	370789.16	3757086.00	4.87770	(96091921)
370785.78	3756996.25	5.58666	(96040621)	370782.38	3756906.50	5.81064	(96041621)
370778.97	3756816.75	6.14375	(96061609)	370754.94	3756842.75	5.97137	(96061609)
370847.44	3756839.25	5.40110	(96052521)	370939.91	3756835.75	4.92818	(96052521)
371032.41	3756832.25	4.62419	(96091624)	371056.41	3756808.75	4.40298	(96091624)
371058.09	3756781.75	4.22410	(96061621)	371033.69	3756805.25	4.53446	(96091624)
371146.19	3756802.75	3.72796	(96091624)	371258.66	3756800.25	3.21737	(96090324)
371371.16	3756797.75	3.03626	(96090324)	371483.62	3756795.25	2.82887	(96090324)
371595.03	3756793.00	2.62154	(96090324)	371706.41	3756790.50	2.42255	(96090324)
371817.78	3756788.00	2.23707	(96090324)	371932.09	3756785.50	2.06271	(96090324)
372046.38	3756783.00	1.90455	(96090324)	372160.66	3756780.25	1.76127	(96090324)
372274.97	3756777.75	1.63249	(96090324)	372384.72	3756775.50	1.52107	(96090324)
372494.47	3756773.00	1.41980	(96090324)	372604.22	3756770.50	1.32797	(96090324)
372713.97	3756768.00	1.24456	(96090324)	372738.38	3756741.75	1.19439	(96090324)
372732.97	3756646.50	1.05942	(96090324)	372819.62	3756573.75	0.91151	(96100321)
372843.78	3756547.75	0.89532	(96100321)	372839.41	3756453.75	0.85912	(96100321)
372821.25	3756362.50	0.80587	(96100321)	372795.62	3756342.50	0.79776	(96100321)
372731.31	3756327.75	0.80371	(96100321)	372707.19	3756351.75	0.83260	(96100321)
372927.97	3756344.00	0.76079	(96100321)	372952.09	3756318.75	0.73595	(96100321)
372951.22	3756244.75	0.70086	(96100606)	372926.66	3756270.00	0.71883	(96100606)
373032.78	3756268.00	0.69314	(96100606)	373138.88	3756266.25	0.66905	(96100606)
373245.00	3756264.25	0.64620	(96100606)	373351.12	3756262.25	0.62460	(96100606)
373457.25	3756260.50	0.60423	(96100606)	373481.81	3756235.00	0.59194	(96100606)
373480.34	3756122.50	0.55092	(96100606)	373478.88	3756009.75	0.50183	(96100606)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.44869	(96100606)	373475.94	3755784.50	0.42705	(96032006)
373474.47	3755672.00	0.41721c	(96021703)	373473.00	3755559.25	0.43564	(96051703)
373447.00	3755534.75	0.44593	(96051703)	373334.22	3755539.25	0.47557	(96051703)
373221.47	3755543.75	0.50729	(96051703)	373197.47	3755568.25	0.51182	(96051703)
373195.91	3755636.25	0.50245	(96051703)	373194.34	3755704.50	0.48920	(96051703)
373219.59	3755680.00	0.48645	(96051703)	373134.91	3755679.00	0.51445	(96051703)
373159.66	3755703.50	0.50090	(96051703)	373157.94	3755634.75	0.51492	(96051703)
373156.22	3755566.00	0.52475	(96051703)	373132.47	3755541.75	0.53425	(96051703)
373055.34	3755537.75	0.55851	(96051703)	373079.06	3755562.25	0.54945	(96051703)
373077.12	3755465.00	0.55295	(96051703)	373075.16	3755368.00	0.54743	(96051703)
373073.19	3755270.75	0.55069	(96092703)	373071.22	3755173.50	0.56169	(96092703)
373046.00	3755149.00	0.57156	(96092703)	372939.09	3755150.00	0.60789	(96092703)
372832.16	3755151.00	0.64501	(96092703)	372725.25	3755152.00	0.68238	(96092703)
372622.81	3755157.25	0.71859	(96092703)	372527.31	3755158.00	0.75080	(96092703)
372430.69	3755159.00	0.78159	(96092703)	372334.09	3755159.75	0.80941	(96092703)
372237.47	3755160.50	0.83316	(96092703)	372138.81	3755161.25	0.85178	(96092703)
372040.12	3755162.25	0.90262c	(96091903)	371941.47	3755163.00	0.95952c	(96091903)
371842.78	3755163.75	1.00299c	(96091903)	371747.72	3755164.50	1.03551	(96012203)
371652.69	3755165.25	1.13088	(96012203)	371557.62	3755166.25	1.20540	(96012203)
371462.59	3755167.00	1.24731	(96012203)	371359.16	3755167.75	1.24290	(96012203)
371255.72	3755168.75	1.44523	(96051203)	371152.25	3755169.50	1.72987	(96051203)
371048.81	3755170.50	1.95828	(96051203)	371024.06	3755196.50	2.00577	(96051203)
371027.69	3755273.25	2.00282	(96051203)	371031.34	3755350.25	1.96570	(96051203)
371019.94	3755375.50	1.98463	(96051203)	371017.91	3755470.00	1.90126	(96051203)
371017.38	3755556.25	1.75951	(96051203)	371040.31	3755531.50	1.70492	(96051203)
371025.97	3755420.25	1.92813	(96051203)	371015.62	3755399.00	1.98174	(96051203)
370915.81	3755327.25	2.22062	(96051203)	370816.03	3755255.25	2.14277	(96051203)
370736.56	3755243.75	1.95777	(96051203)	370669.19	3755237.00	1.74378	(96021106)
370571.06	3755237.25	2.07031	(96021106)	370475.62	3755237.75	2.26032	(96021106)
370380.12	3755238.25	2.25051	(96021106)	370278.66	3755239.00	1.98096	(96021106)
370177.19	3755239.50	1.57626	(96031406)	370075.72	3755240.00	1.30086	(96031406)
369979.41	3755240.50	1.39347	(96022809)	369883.09	3755241.00	1.43357	(96022809)
369786.78	3755241.50	1.37843	(96050703)	369690.47	3755242.00	1.42099	(96050703)
369594.16	3755242.75	1.38393	(96050703)	369497.88	3755243.25	1.27639	(96050703)
369396.38	3755243.75	1.23115	(96010103)	369294.91	3755244.25	1.36953	(96020306)
369193.44	3755244.75	1.36360	(96020306)	369091.97	3755245.25	1.17324	(96020306)
368990.50	3755246.00	1.06017	(96042106)	368889.03	3755246.50	1.01108	(96042106)
368782.41	3755247.00	1.03088	(96010506)	368675.78	3755247.50	1.08013	(96010506)
368569.12	3755248.25	1.10899	(96010506)	368471.00	3755248.75	1.11895	(96010506)
368372.84	3755249.25	1.11543	(96010506)	368274.69	3755249.75	1.10069	(96010506)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.06297	(96010506)	368053.72	3755209.25	1.02095	(96010506)
367940.91	3755188.50	0.98028	(96052806)	367824.03	3755184.75	0.97530	(96052806)
367710.84	3755181.25	0.95191	(96052806)	367597.62	3755177.50	0.91447	(96052806)
367484.44	3755174.00	0.87103	(96101106)	367460.69	3755189.25	0.89326	(96101106)
367415.00	3755295.25	1.00653	(96101106)	367369.31	3755401.25	1.08676	(96101106)
367323.59	3755507.25	1.12334	(96101106)	367483.66	3755199.00	0.89913	(96101106)
367300.88	3755623.25	1.11970	(96101106)	367114.28	3756056.25	0.91017	(96022406)
366984.53	3756357.50	0.95195	(96010806)	366852.91	3756663.00	0.91288	(96100106)
366902.28	3756692.00	0.93040	(96101003)	366875.53	3756760.00	0.96725	(96101003)
366812.69	3756738.50	0.93725	(96101003)	366677.25	3757024.50	0.97074	(96101003)
366536.22	3757322.00	0.82850	(96101003)	366437.28	3757530.75	0.67720	(96101003)
366486.94	3757537.25	0.67333	(96101003)	366623.91	3757468.00	0.73115	(96101003)
366644.38	3757530.75	0.69695	(96030103)	366777.06	3757519.75	0.73698	(96030103)
366998.56	3757642.25	0.82482	(96030103)	367174.25	3757739.50	0.86592	(96030103)
367290.72	3757694.25	0.90973	(96030103)	367412.66	3757694.75	0.94439	(96030103)
367409.81	3757735.75	0.92754	(96030103)	367517.78	3757796.25	0.97529	(96021806)
367539.25	3757802.00	0.98401	(96021806)	367609.12	3757676.75	1.01477	(96021806)
367769.06	3757644.25	1.09937	(96021806)	367774.81	3757718.50	1.09968	(96021806)
367809.47	3757834.50	1.07891	(96021806)	367807.06	3757935.50	1.02220	(96021806)
367774.94	3757958.50	1.00165	(96021806)	367798.12	3758011.00	0.96852	(96021806)
367914.41	3757961.50	1.01764	(96021806)	367904.53	3757930.25	1.04173	(96021806)
368108.69	3757840.25	1.14612	(96021806)	368232.75	3757790.25	1.21184	(96021806)
368308.88	3757761.50	1.25204	(96021806)	368603.38	3757765.00	1.20033	(96100324)
368603.84	3757718.50	1.28717	(96021806)	368769.72	3757798.50	1.35543	(96062503)
369017.16	3757954.25	1.45767	(96062503)	369080.28	3757864.00	1.57747	(96062503)
369224.00	3757952.25	1.40657	(96062503)	369408.72	3757730.00	1.76268	(96062503)
369454.22	3757776.00	1.57088	(96030324)	369264.97	3757996.50	1.27863	(96062503)
369451.62	3758128.00	0.95299	(96030324)	369459.97	3758394.25	0.81336	(96020921)
369853.09	3758394.25	0.84420	(96041024)	369850.44	3758078.00	1.09095	(96041024)
370298.62	3758078.25	1.20282	(96040521)	370297.53	3757962.75	1.31566	(96052421)
370382.34	3757966.00	1.42017	(96010109)	370510.12	3758027.25	1.35106c	(96043024)
370505.62	3758087.75	1.25534c	(96043024)	370886.41	3758089.00	1.30441c	(96043024)
370885.06	3757750.50	1.77511	(96092403)	370907.31	3757701.50	1.84631	(96092403)
370944.91	3757670.00	1.83674	(96092403)	371045.81	3757667.50	1.77568	(96021821)
371046.34	3757585.00	2.02461	(96021821)	371121.66	3757583.50	2.17682	(96011321)
371192.59	3757720.25	1.84043	(96011321)	371253.97	3757762.25	1.85596	(96011321)
371263.66	3757782.50	1.81125	(96011321)	371372.34	3757782.25	2.00956	(96011321)
371399.44	3757806.25	1.97862	(96011321)	371798.31	3758080.25	1.65457	(96011321)
371908.19	3757933.50	1.63788	(96011321)	371964.22	3757921.75	1.55794	(96011321)
371970.19	3757841.50	1.48795	(96011321)	372023.31	3757843.25	1.42003	(96010321)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.60312	(96101124)	372002.41	3757140.25	1.77487	(96090324)
371514.12	3757136.25	2.69408	(96090806)	371034.56	3757132.50	4.06398	(96092324)
371034.44	3757085.25	4.29074	(96062224)	370764.19	3757087.00	4.87168	(96021721)
370754.00	3756817.75	6.56259	(96061609)	371031.47	3756807.25	4.55928	(96091624)
371033.12	3756780.25	4.36363	(96061621)	371483.09	3756770.25	2.78203	(96090324)
371817.25	3756763.00	2.18471	(96090324)	372274.41	3756752.75	1.59048	(96090324)
372713.41	3756743.00	1.21269	(96090324)	372702.62	3756552.50	0.95834	(96100321)
372818.81	3756548.75	0.90603	(96100321)	372814.44	3756455.00	0.86917	(96100321)
372796.75	3756367.50	0.81737	(96100321)	372704.81	3756371.50	0.85050	(96100321)
372706.31	3756326.75	0.80999	(96100321)	372927.09	3756319.25	0.74284	(96100321)
372926.22	3756245.00	0.70668	(96100606)	373456.81	3756235.50	0.59646	(96100606)
373448.00	3755559.75	0.44207	(96051703)	373222.47	3755568.75	0.50420	(96051703)
373219.34	3755705.00	0.48100	(96051703)	373134.66	3755704.00	0.50924	(96051703)
373131.22	3755566.75	0.53248	(96051703)	373054.09	3755562.75	0.55748	(96051703)
373046.22	3755174.00	0.57023	(96092703)	372725.47	3755177.00	0.68505	(96092703)
372624.12	3755182.25	0.72258	(96092703)	372237.69	3755185.50	0.84708	(96092703)
371843.00	3755188.75	1.01287c	(96091903)	371462.81	3755192.00	1.26496	(96012203)
371049.03	3755195.50	1.96044	(96051203)	371056.31	3755349.00	1.88986	(96051203)
371043.41	3755384.00	1.90258	(96051203)	371042.38	3755556.25	1.65199	(96012203)
370995.81	3755560.25	1.85042	(96051203)	371001.00	3755419.25	2.01400	(96051203)
370801.41	3755275.50	2.15616	(96051203)	370666.66	3755261.75	1.76010	(96021106)
370380.28	3755263.25	2.29881	(96021106)	370075.88	3755265.00	1.31809	(96031406)
369786.91	3755266.50	1.41486	(96050703)	369498.00	3755268.25	1.28094	(96042103)
369193.59	3755269.75	1.33944	(96020306)	368889.16	3755271.50	1.02052	(96042106)
368569.28	3755273.25	1.13882	(96010506)	368274.84	3755274.75	1.11764	(96010506)
367936.44	3755213.25	0.98984	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.65493	(96062303)	372498.53	3757611.75	2.32266	(96062303)
372248.53	3757861.75	2.37882	(96100806)	372498.53	3757861.75	2.19563	(96011524)
372248.53	3758111.75	2.11916	(96100806)	372498.53	3758111.75	2.00060	(96100806)
372248.53	3758361.75	1.66124	(96100806)	372498.53	3758361.75	1.74196	(96100806)
373792.78	3755334.75	0.80095	(96010203)	374092.78	3755334.75	0.70395	(96010203)
373792.78	3755709.75	0.71361c	(96052103)	374092.78	3755709.75	0.69049c	(96052103)
373792.78	3756084.75	0.84253c	(96052103)	374092.78	3756084.75	0.75833c	(96052103)
373792.78	3756459.75	0.82703	(96052203)	374092.78	3756459.75	0.75593	(96052203)
373792.78	3756834.75	0.84809	(96090324)	374092.78	3756834.75	0.74503	(96052203)
373792.78	3757209.75	1.16211	(96061403)	374092.78	3757209.75	1.01861	(96061403)
373792.78	3757584.75	1.20805	(96061403)	374092.78	3757584.75	1.10378	(96061403)
373792.78	3757959.75	1.22986	(96100224)	374092.78	3757959.75	1.09380	(96100224)
373792.78	3758334.75	1.27651	(96011524)	374092.78	3758334.75	1.13247	(96062303)
373792.78	3758709.75	1.25572	(96011524)	374092.78	3758709.75	1.17717	(96011524)
370479.03	3756653.75	24.88170	(96090309)	367277.91	3755613.50	1.69121	(96012906)
367231.25	3755721.75	1.61515	(96012906)	367184.62	3755830.00	1.48440	(96012906)
367137.97	3755938.25	1.31222	(96012906)	367091.34	3756046.50	1.47222	(96010806)
367048.09	3756146.75	1.64869	(96010806)	367004.81	3756247.25	1.77267	(96010806)
366961.56	3756347.50	1.83335	(96010806)	366917.69	3756449.50	1.82799	(96010806)
366873.81	3756551.25	1.76011	(96010806)	366829.94	3756653.00	1.64112	(96010806)
366840.22	3756684.50	1.60930	(96010806)	366889.59	3756713.50	1.59797	(96010806)
366879.00	3756682.75	1.63317	(96010806)	366852.25	3756751.00	1.52430	(96010806)
366883.62	3756736.50	1.56185	(96010806)	366820.78	3756715.00	1.55907	(96010806)
366790.12	3756728.00	1.52561	(96010806)	366744.97	3756823.25	1.40315	(96101003)
366699.81	3756918.50	1.40173	(96101003)	366654.66	3757013.75	1.37637	(96101003)
366607.66	3757113.00	1.32776	(96101003)	366560.62	3757212.00	1.26077	(96101003)
366513.62	3757311.25	1.17971	(96101003)	366464.16	3757415.75	1.08422	(96101003)
366414.69	3757520.00	1.00231	(96041406)	366434.03	3757555.50	0.98672	(96041406)
366483.69	3757562.00	0.99179	(96041406)	366566.69	3757525.00	1.03079	(96041406)
366620.62	3757538.50	1.03229	(96041406)	366646.41	3757555.50	1.02460	(96041406)
366712.75	3757550.25	1.03982	(96041406)	366779.09	3757544.75	1.05532	(96041406)
366838.81	3757582.50	1.02963	(96041406)	366912.62	3757623.25	0.99508	(96102306)
366986.47	3757664.25	1.03072	(96102306)	367074.31	3757712.75	1.06323	(96102306)
367162.16	3757761.25	1.08219	(96102306)	367299.75	3757717.75	1.14062	(96102306)
367384.88	3757734.00	1.15909	(96102306)	367397.59	3757757.50	1.14902	(96102306)
367505.56	3757818.00	1.12096	(96102306)	367532.81	3757826.00	1.11550	(96102306)
367561.06	3757814.00	1.12922	(96102306)	367596.03	3757751.50	1.19286	(96102306)
367630.97	3757689.00	1.25303	(96102306)	367694.09	3757685.00	1.27066	(96102306)
367749.88	3757720.50	1.24350	(96102306)	367785.50	3757841.75	1.26309	(96101906)
367782.09	3757935.00	1.27717	(96101906)	367752.06	3757968.50	1.25809	(96101906)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.27213	(96101906)	367807.91	3758034.00	1.29051	(96101906)
367866.06	3758009.25	1.33021	(96101906)	367924.19	3757984.50	1.37174	(96101906)
367938.25	3757954.00	1.38695	(96101906)	367928.38	3757922.75	1.38382	(96101906)
367914.62	3757953.25	1.37089	(96101906)	368016.69	3757908.25	1.45036	(96101906)
368118.78	3757863.25	1.53708	(96101906)	368180.06	3757838.50	1.59231	(96101906)
368242.09	3757813.50	1.65112	(96101906)	368317.75	3757784.75	1.72633	(96101906)
368406.72	3757787.75	1.84798	(96100324)	368504.88	3757788.75	2.02497	(96100324)
368603.06	3757790.00	2.20343	(96100324)	368628.38	3757765.25	2.24242	(96100324)
368675.91	3757781.00	2.33135	(96100324)	368758.84	3757821.00	2.44677	(96100324)
368838.88	3757871.50	2.46853	(96100324)	368921.38	3757923.50	2.37586	(96100324)
369003.84	3757975.50	2.17008	(96100324)	369037.66	3757968.75	2.14817	(96100324)
369100.78	3757878.25	2.36844	(96100324)	369067.19	3757885.25	2.38668	(96100324)
369139.03	3757929.50	2.11634	(96100324)	369210.91	3757973.75	2.05404	(96051024)
369243.25	3757968.25	2.05966	(96061103)	369304.81	3757894.25	2.23084	(96061103)
369366.38	3757820.00	2.44957	(96061103)	369436.44	3757793.50	2.50848	(96061103)
369435.25	3757759.75	2.70444	(96061103)	369250.56	3758016.75	1.98105	(96061103)
369343.91	3758082.50	1.83522	(96061103)	369437.25	3758148.25	1.58126	(96061103)
369429.41	3758217.50	1.44343	(96061103)	369432.19	3758306.25	1.40683	(96020206)
369434.97	3758395.00	1.35617	(96020206)	369459.97	3758419.25	1.34260	(96020206)
369558.25	3758419.25	1.30677	(96020206)	369656.53	3758419.25	1.38421	(96021424)
369754.81	3758419.25	1.47926	(96021424)	369853.09	3758419.25	1.47091	(96021424)
369878.09	3758394.00	1.47455	(96021424)	369877.19	3758288.75	1.57665	(96021424)
369876.31	3758183.25	1.71051	(96021424)	369962.47	3758103.00	1.72276	(96021424)
370074.53	3758103.00	2.03930	(96010924)	370186.59	3758103.00	2.56919	(96010924)
370298.62	3758103.25	2.73413	(96010924)	370323.62	3758078.00	2.81003	(96010924)
370381.38	3757991.00	3.03005	(96010924)	370435.41	3758019.25	3.01918	(96010924)
370499.31	3758049.75	3.06278	(96010924)	370485.19	3758025.25	3.15032	(96010924)
370480.69	3758086.00	2.86390	(96010924)	370505.53	3758112.75	2.87800	(96010924)
370600.72	3758113.25	2.61416	(96010924)	370695.94	3758113.50	2.17786	(96011824)
370791.12	3758113.75	2.43013	(96011824)	370886.34	3758114.00	2.57511	(96011824)
370911.41	3758089.00	2.62750	(96011824)	370910.97	3757976.00	2.85738	(96011824)
370910.53	3757863.25	2.98352	(96011824)	370910.06	3757750.50	3.06555	(96011824)
370930.06	3757711.75	2.94115	(96011824)	370960.91	3757689.25	2.90584	(96053103)
371046.47	3757692.50	3.05950c	(96021303)	371070.81	3757667.50	3.34674c	(96021303)
371071.34	3757585.25	3.83028c	(96021303)	371046.88	3757610.00	3.63814c	(96021303)
371122.22	3757608.50	3.70814c	(96021303)	371099.47	3757595.00	3.78179c	(96021303)
371134.94	3757663.25	3.47555c	(96021303)	371170.41	3757731.75	3.21551c	(96021303)
371239.88	3757782.75	3.07176c	(96021303)	371263.72	3757807.50	3.00250c	(96021303)
371372.38	3757807.25	2.88351c	(96021303)	371385.28	3757826.75	2.84334c	(96021303)
371485.00	3757895.25	2.61524c	(96021303)	371584.72	3757963.75	2.39921c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.20032c	(96021303)	371784.16	3758100.75	2.04419	(96011321)
371818.31	3758095.25	2.03600	(96011321)	371873.25	3758021.75	2.19878	(96100806)
371928.19	3757948.50	2.44265	(96100806)	371969.34	3757946.25	2.45617	(96100806)
371989.16	3757923.75	2.50649	(96100806)	371995.12	3757843.25	2.65926	(96100806)
371969.38	3757866.50	2.63088	(96100806)	372022.50	3757868.25	2.59961	(96100806)
372048.31	3757843.00	2.61756	(96100806)	372047.16	3757745.75	2.71402	(96100806)
372046.03	3757648.50	2.73281	(96100806)	372044.88	3757551.25	2.95913	(96062303)
372040.50	3757447.75	3.08414	(96062303)	372036.12	3757345.00	3.06405	(96062303)
372031.75	3757242.00	3.00977	(96100224)	372027.38	3757139.25	2.85559	(96100224)
372002.59	3757115.25	2.86062	(96100224)	371880.53	3757114.25	3.22383	(96100224)
371758.47	3757113.25	3.62894	(96100224)	371636.38	3757112.25	4.07070	(96100224)
371514.31	3757111.25	4.58141	(96062303)	371394.41	3757110.25	5.16070	(96062303)
371274.53	3757109.50	5.67538	(96101124)	371154.62	3757108.50	6.37672	(96101124)
371034.75	3757107.50	6.69346	(96100806)	371059.56	3757132.50	6.49980	(96100806)
371059.44	3757085.25	7.00431	(96101124)	371034.31	3757060.25	7.44697	(96101124)
370944.22	3757060.75	8.18952	(96010321)	370854.12	3757061.25	11.08246	(96011321)
370764.03	3757062.00	15.91093	(96011321)	370789.16	3757086.00	14.78855	(96011321)
370785.78	3756996.25	13.25933	(96092324)	370782.38	3756906.50	14.42428	(96062224)
370778.97	3756816.75	12.82493	(96091624)	370754.94	3756842.75	12.92276	(96062224)
370847.44	3756839.25	11.06469	(96091624)	370939.91	3756835.75	8.84857	(96091624)
371032.41	3756832.25	7.64455	(96090324)	371056.41	3756808.75	7.78129	(96090324)
371058.09	3756781.75	7.98993	(96090324)	371033.69	3756805.25	8.05576	(96090324)
371146.19	3756802.75	6.91222	(96090324)	371258.66	3756800.25	5.90609	(96090324)
371371.16	3756797.75	5.08484	(96090324)	371483.62	3756795.25	4.41900	(96090324)
371595.03	3756793.00	3.87999	(96090324)	371706.41	3756790.50	3.43306	(96090324)
371817.78	3756788.00	3.05888	(96090324)	371932.09	3756785.50	2.73548	(96090324)
372046.38	3756783.00	2.46152	(96090324)	372160.66	3756780.25	2.22714	(96090324)
372274.97	3756777.75	2.02577	(96090324)	372384.72	3756775.50	1.85798	(96090324)
372494.47	3756773.00	1.71053	(96090324)	372604.22	3756770.50	1.58052	(96090324)
372713.97	3756768.00	1.46527	(96090324)	372738.38	3756741.75	1.41111	(96090324)
372732.97	3756646.50	1.29312	(96052203)	372819.62	3756573.75	1.23552	(96100606)
372843.78	3756547.75	1.22056	(96100606)	372839.41	3756453.75	1.20589	(96100606)
372821.25	3756362.50	1.17178	(96100606)	372795.62	3756342.50	1.17262	(96100606)
372731.31	3756327.75	1.21261c	(96052103)	372707.19	3756351.75	1.23035	(96100606)
372927.97	3756344.00	1.10367	(96100606)	372952.09	3756318.75	1.09463c	(96052103)
372951.22	3756244.75	1.13486c	(96052103)	372926.66	3756270.00	1.13732c	(96052103)
373032.78	3756268.00	1.08461c	(96052103)	373138.88	3756266.25	1.03473c	(96052103)
373245.00	3756264.25	0.98782c	(96052103)	373351.12	3756262.25	0.94362c	(96052103)
373457.25	3756260.50	0.90186c	(96052103)	373481.81	3756235.00	0.90547c	(96052103)
373480.34	3756122.50	0.93846c	(96052103)	373478.88	3756009.75	0.92791c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.87643c	(96052103)	373475.94	3755784.50	0.79159c	(96052103)
373474.47	3755672.00	0.79858	(96010203)	373473.00	3755559.25	0.86433	(96010203)
373447.00	3755534.75	0.88568	(96010203)	373334.22	3755539.25	0.93425	(96010203)
373221.47	3755543.75	0.98234	(96010203)	373197.47	3755568.25	0.98866	(96010203)
373195.91	3755636.25	0.96741	(96010203)	373194.34	3755704.50	0.93005	(96010203)
373219.59	3755680.00	0.93131	(96010203)	373134.91	3755679.00	0.97985	(96010203)
373159.66	3755703.50	0.95100	(96010203)	373157.94	3755634.75	0.98803	(96010203)
373156.22	3755566.00	1.00750	(96010203)	373132.47	3755541.75	1.01943	(96010203)
373055.34	3755537.75	1.04881	(96010203)	373079.06	3755562.25	1.04085	(96010203)
373077.12	3755465.00	1.03005	(96010106)	373075.16	3755368.00	0.99863	(96010106)
373073.19	3755270.75	0.93655	(96010106)	373071.22	3755173.50	0.85478	(96012524)
373046.00	3755149.00	0.85130	(96012524)	372939.09	3755150.00	0.86507	(96012524)
372832.16	3755151.00	0.87065	(96012524)	372725.25	3755152.00	0.86646	(96012524)
372622.81	3755157.25	0.87012	(96020224)	372527.31	3755158.00	0.95958	(96062306)
372430.69	3755159.00	1.06596	(96032606)	372334.09	3755159.75	1.18147	(96032606)
372237.47	3755160.50	1.29657	(96032606)	372138.81	3755161.25	1.41045	(96032606)
372040.12	3755162.25	1.51769	(96032606)	371941.47	3755163.00	1.61618	(96032606)
371842.78	3755163.75	1.70500	(96032606)	371747.72	3755164.50	1.78193	(96032606)
371652.69	3755165.25	1.85163	(96032606)	371557.62	3755166.25	1.91480	(96032606)
371462.59	3755167.00	1.96840	(96032606)	371359.16	3755167.75	2.00655	(96032606)
371255.72	3755168.75	2.33966	(96051203)	371152.25	3755169.50	2.73294	(96051203)
371048.81	3755170.50	3.05448	(96051203)	371024.06	3755196.50	3.16362	(96051203)
371027.69	3755273.25	3.29054	(96051203)	371031.34	3755350.25	3.39243	(96051203)
371019.94	3755375.50	3.48070	(96051203)	371017.91	3755470.00	3.60074	(96051203)
371017.38	3755556.25	3.63214	(96051203)	371040.31	3755531.50	3.44819	(96051203)
371025.97	3755420.25	3.50439	(96051203)	371015.62	3755399.00	3.53463	(96051203)
370915.81	3755327.25	3.76839	(96051203)	370816.03	3755255.25	3.59410	(96051203)
370736.56	3755243.75	3.37675	(96051203)	370669.19	3755237.00	3.04650	(96051203)
370571.06	3755237.25	2.93021	(96021106)	370475.62	3755237.75	3.15506	(96021106)
370380.12	3755238.25	3.22438	(96021106)	370278.66	3755239.00	2.78766	(96021106)
370177.19	3755239.50	2.31057	(96021106)	370075.72	3755240.00	1.87830	(96031503)
369979.41	3755240.50	2.00879	(96022809)	369883.09	3755241.00	2.07755	(96022809)
369786.78	3755241.50	2.11619c	(96011124)	369690.47	3755242.00	2.01031	(96010103)
369594.16	3755242.75	2.44088	(96010103)	369497.88	3755243.25	3.13724	(96020306)
369396.38	3755243.75	3.90418	(96020306)	369294.91	3755244.25	4.26872	(96020306)
369193.44	3755244.75	4.11327	(96020306)	369091.97	3755245.25	3.55635	(96020306)
368990.50	3755246.00	2.81843	(96020306)	368889.03	3755246.50	2.25599	(96041103)
368782.41	3755247.00	2.42038	(96041103)	368675.78	3755247.50	2.51670	(96041103)
368569.12	3755248.25	2.54914	(96041103)	368471.00	3755248.75	2.52849	(96041103)
368372.84	3755249.25	2.46809	(96041103)	368274.69	3755249.75	2.37642	(96041103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	2.25159	(96041103)	368053.72	3755209.25	2.20363	(96052806)
367940.91	3755188.50	2.14765	(96052806)	367824.03	3755184.75	2.08322	(96052806)
367710.84	3755181.25	1.99769	(96052806)	367597.62	3755177.50	1.89607	(96052806)
367484.44	3755174.00	1.78407	(96052806)	367460.69	3755189.25	1.74789	(96052806)
367415.00	3755295.25	1.57902	(96052806)	367369.31	3755401.25	1.66268	(96012906)
367323.59	3755507.25	1.70599	(96012906)	367483.66	3755199.00	1.76537	(96052806)
367300.88	3755623.25	1.70653	(96012906)	367114.28	3756056.25	1.49684	(96010806)
366984.53	3756357.50	1.85207	(96010806)	366852.91	3756663.00	1.64263	(96010806)
366902.28	3756692.00	1.63430	(96010806)	366875.53	3756760.00	1.52249	(96010806)
366812.69	3756738.50	1.52243	(96010806)	366677.25	3757024.50	1.38517	(96101003)
366536.22	3757322.00	1.17809	(96101003)	366437.28	3757530.75	1.00133	(96041406)
366486.94	3757537.25	1.00754	(96041406)	366623.91	3757468.00	1.07716	(96041406)
366644.38	3757530.75	1.04216	(96041406)	366777.06	3757519.75	1.07545	(96041406)
366998.56	3757642.25	1.03409	(96102306)	367174.25	3757739.50	1.09259	(96102306)
367290.72	3757694.25	1.14542	(96102306)	367412.66	3757694.75	1.18684	(96102306)
367409.81	3757735.75	1.16493	(96102306)	367517.78	3757796.25	1.14199	(96102306)
367539.25	3757802.00	1.13909	(96102306)	367609.12	3757676.75	1.25664	(96102306)
367769.06	3757644.25	1.32466	(96102306)	367774.81	3757718.50	1.24804	(96102306)
367809.47	3757834.50	1.28081	(96101906)	367807.06	3757935.50	1.29529	(96101906)
367774.94	3757958.50	1.27352	(96101906)	367798.12	3758011.00	1.28746	(96101906)
367914.41	3757961.50	1.36958	(96101906)	367904.53	3757930.25	1.36597	(96101906)
368108.69	3757840.25	1.53348	(96101906)	368232.75	3757790.25	1.65002	(96101906)
368308.88	3757761.50	1.72734	(96101906)	368603.38	3757765.00	2.19539	(96100324)
368603.84	3757718.50	2.17096	(96100324)	368769.72	3757798.50	2.47711	(96100324)
369017.16	3757954.25	2.22043	(96100324)	369080.28	3757864.00	2.44413	(96100324)
369224.00	3757952.25	2.09232	(96051024)	369408.72	3757730.00	2.75795	(96061103)
369454.22	3757776.00	2.56567	(96061103)	369264.97	3757996.50	2.01767	(96061103)
369451.62	3758128.00	1.60435	(96061103)	369459.97	3758394.25	1.36163	(96020206)
369853.09	3758394.25	1.49243	(96021424)	369850.44	3758078.00	1.84356	(96021424)
370298.62	3758078.25	2.77746	(96010924)	370297.53	3757962.75	3.00047	(96010924)
370382.34	3757966.00	3.08156	(96010924)	370510.12	3758027.25	3.12587	(96010924)
370505.62	3758087.75	2.94419	(96010924)	370886.41	3758089.00	2.63858	(96011824)
370885.06	3757750.50	3.21829	(96011824)	370907.31	3757701.50	3.07887	(96011824)
370944.91	3757670.00	3.00207	(96053103)	371045.81	3757667.50	3.20418c	(96021303)
371046.34	3757585.00	3.80122c	(96021303)	371121.66	3757583.50	3.80328c	(96021303)
371192.59	3757720.25	3.26721c	(96021303)	371253.97	3757762.25	3.12354c	(96021303)
371263.66	3757782.50	3.06775c	(96021303)	371372.34	3757782.25	2.90961c	(96021303)
371399.44	3757806.25	2.83406c	(96021303)	371798.31	3758080.25	2.06837	(96011321)
371908.19	3757933.50	2.47617	(96100806)	371964.22	3757921.75	2.51322	(96100806)
371970.19	3757841.50	2.67828	(96100806)	372023.31	3757843.25	2.63832	(96100806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	2.98248	(96062303)	372002.41	3757140.25	2.92666	(96100224)
371514.12	3757136.25	4.61803	(96062303)	371034.56	3757132.50	6.61146	(96010321)
371034.44	3757085.25	7.04890	(96101124)	370764.19	3757087.00	14.82161	(96011321)
370754.00	3756817.75	13.11674	(96091624)	371031.47	3756807.25	8.05356	(96090324)
371033.12	3756780.25	8.30171	(96090324)	371483.09	3756770.25	4.37916	(96090324)
371817.25	3756763.00	3.01031	(96090324)	372274.41	3756752.75	1.98683	(96090324)
372713.41	3756743.00	1.43587	(96090324)	372702.62	3756552.50	1.31601	(96100606)
372818.81	3756548.75	1.23659	(96100606)	372814.44	3756455.00	1.22170	(96100606)
372796.75	3756367.50	1.18884	(96100606)	372704.81	3756371.50	1.24631	(96100606)
372706.31	3756326.75	1.22849c	(96052103)	372927.09	3756319.25	1.10757c	(96052103)
372926.22	3756245.00	1.14734c	(96052103)	373456.81	3756235.50	0.91487c	(96052103)
373448.00	3755559.75	0.87569	(96010203)	373222.47	3755568.75	0.97716	(96010203)
373219.34	3755705.00	0.91518	(96010203)	373134.66	3755704.00	0.96539	(96010203)
373131.22	3755566.75	1.01838	(96010203)	373054.09	3755562.75	1.05108	(96010203)
373046.22	3755174.00	0.85989	(96012524)	372725.47	3755177.00	0.88682	(96012524)
372624.12	3755182.25	0.88052	(96012524)	372237.69	3755185.50	1.28057	(96032606)
371843.00	3755188.75	1.71290	(96032606)	371462.81	3755192.00	1.99245	(96032606)
371049.03	3755195.50	3.09515	(96051203)	371056.31	3755349.00	3.27341	(96051203)
371043.41	3755384.00	3.37271	(96051203)	371042.38	3755556.25	3.40920	(96051203)
370995.81	3755560.25	3.81660	(96051203)	371001.00	3755419.25	3.64022	(96051203)
370801.41	3755275.50	3.67222	(96051203)	370666.66	3755261.75	3.15086	(96051203)
370380.28	3755263.25	3.34141	(96021106)	370075.88	3755265.00	1.95369	(96031503)
369786.91	3755266.50	2.16785c	(96011124)	369498.00	3755268.25	3.31821	(96020306)
369193.59	3755269.75	4.08810	(96020306)	368889.16	3755271.50	2.34677	(96041103)
368569.28	3755273.25	2.59616	(96041103)	368274.84	3755274.75	2.38154	(96041103)
367936.44	3755213.25	2.16607	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	12.21867	(96011524)	372498.53	3757611.75	9.88565	(96011524)
372248.53	3757861.75	11.43089	(96011524)	372498.53	3757861.75	10.26338	(96011524)
372248.53	3758111.75	9.07756	(96100806)	372498.53	3758111.75	9.03232	(96011524)
372248.53	3758361.75	7.35261	(96100806)	372498.53	3758361.75	7.33891	(96100806)
373792.78	3755334.75	3.67088	(96010203)	374092.78	3755334.75	3.20394	(96010203)
373792.78	3755709.75	3.24018c	(96052103)	374092.78	3755709.75	3.04241c	(96052103)
373792.78	3756084.75	3.74272c	(96052103)	374092.78	3756084.75	3.31703c	(96052103)
373792.78	3756459.75	3.73524	(96052203)	374092.78	3756459.75	3.34809	(96052203)
373792.78	3756834.75	3.72544	(96052203)	374092.78	3756834.75	3.34028	(96052203)
373792.78	3757209.75	4.94090	(96061403)	374092.78	3757209.75	4.27412	(96061403)
373792.78	3757584.75	5.15477	(96061403)	374092.78	3757584.75	4.61969	(96061403)
373792.78	3757959.75	4.62882	(96100224)	374092.78	3757959.75	4.09110	(96100224)
373792.78	3758334.75	5.28198	(96011524)	374092.78	3758334.75	4.47544	(96011524)
373792.78	3758709.75	5.21296	(96011524)	374092.78	3758709.75	4.77718	(96011524)
370479.03	3756653.75	138.37599	(96092524)	367277.91	3755613.50	7.65228	(96012906)
367231.25	3755721.75	7.40433	(96012906)	367184.62	3755830.00	6.93191	(96012906)
367137.97	3755938.25	6.27852	(96012906)	367091.34	3756046.50	7.08255	(96010806)
367048.09	3756146.75	7.74205	(96010806)	367004.81	3756247.25	8.18994	(96010806)
366961.56	3756347.50	8.39381	(96010806)	366917.69	3756449.50	8.34706	(96010806)
366873.81	3756551.25	8.06238	(96010806)	366829.94	3756653.00	7.57822	(96010806)
366840.22	3756684.50	7.46903	(96010806)	366889.59	3756713.50	7.47619	(96010806)
366879.00	3756682.75	7.59945	(96010806)	366852.25	3756751.00	7.15484	(96010806)
366883.62	3756736.50	7.33100	(96010806)	366820.78	3756715.00	7.25866	(96010806)
366790.12	3756728.00	7.10146	(96010806)	366744.97	3756823.25	6.43478	(96010806)
366699.81	3756918.50	5.72265	(96010806)	366654.66	3757013.75	5.10642	(96101003)
366607.66	3757113.00	4.93134	(96101003)	366560.62	3757212.00	4.69892	(96101003)
366513.62	3757311.25	4.48434	(96041406)	366464.16	3757415.75	4.32810	(96041406)
366414.69	3757520.00	4.11097	(96041406)	366434.03	3757555.50	4.06244	(96041406)
366483.69	3757562.00	4.09865	(96041406)	366566.69	3757525.00	4.26987	(96041406)
366620.62	3757538.50	4.29717	(96041406)	366646.41	3757555.50	4.28034	(96041406)
366712.75	3757550.25	4.36365	(96041406)	366779.09	3757544.75	4.44966	(96041406)
366838.81	3757582.50	4.38463	(96041406)	366912.62	3757623.25	4.29186	(96041406)
366986.47	3757664.25	4.31451	(96102306)	367074.31	3757712.75	4.47987	(96102306)
367162.16	3757761.25	4.60093	(96102306)	367299.75	3757717.75	4.90109	(96102306)
367384.88	3757734.00	5.03140	(96102306)	367397.59	3757757.50	5.00530	(96102306)
367505.56	3757818.00	4.99183	(96102306)	367532.81	3757826.00	4.99516	(96102306)
367561.06	3757814.00	5.07049	(96102306)	367596.03	3757751.50	5.33643	(96102306)
367630.97	3757689.00	5.59081	(96102306)	367694.09	3757685.00	5.72165	(96102306)
367749.88	3757720.50	5.68293	(96102306)	367785.50	3757841.75	5.40469	(96011403)
367782.09	3757935.00	5.30012	(96101906)	367752.06	3757968.50	5.20396	(96101906)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	5.33322c	(96011224)	367807.91	3758034.00	5.47804c	(96011224)
367866.06	3758009.25	5.68414c	(96011224)	367924.19	3757984.50	5.90162c	(96011224)
367938.25	3757954.00	5.92897c	(96011224)	367928.38	3757922.75	5.83794c	(96011224)
367914.62	3757953.25	5.82269c	(96011224)	368016.69	3757908.25	6.23393c	(96011224)
368118.78	3757863.25	6.69052c	(96011224)	368180.06	3757838.50	6.99154c	(96011224)
368242.09	3757813.50	7.31641c	(96011224)	368317.75	3757784.75	7.74351c	(96011224)
368406.72	3757787.75	8.27780c	(96011224)	368504.88	3757788.75	9.07968	(96100324)
368603.06	3757790.00	9.94919	(96100324)	368628.38	3757765.25	10.17309	(96100324)
368675.91	3757781.00	10.60023	(96100324)	368758.84	3757821.00	11.16799	(96100324)
368838.88	3757871.50	11.33288	(96100324)	368921.38	3757923.50	11.04454	(96100324)
369003.84	3757975.50	10.50166	(96051024)	369037.66	3757968.75	10.80038	(96051024)
369100.78	3757878.25	11.75265	(96051024)	369067.19	3757885.25	11.49444	(96100324)
369139.03	3757929.50	11.78136	(96051024)	369210.91	3757973.75	11.68235	(96051024)
369243.25	3757968.25	11.78999	(96051024)	369304.81	3757894.25	12.84873	(96051024)
369366.38	3757820.00	14.10761	(96051024)	369436.44	3757793.50	14.37024	(96051024)
369435.25	3757759.75	15.29349	(96051024)	369250.56	3758016.75	11.14020	(96051024)
369343.91	3758082.50	9.75790	(96051024)	369437.25	3758148.25	8.14269	(96020206)
369429.41	3758217.50	7.82571	(96020206)	369432.19	3758306.25	7.43761	(96020206)
369434.97	3758395.00	7.01340	(96020206)	369459.97	3758419.25	6.90986	(96020206)
369558.25	3758419.25	7.34822	(96021424)	369656.53	3758419.25	8.00698	(96021424)
369754.81	3758419.25	8.37175	(96021424)	369853.09	3758419.25	8.34705	(96021424)
369878.09	3758394.00	8.46769	(96021424)	369877.19	3758288.75	9.32837	(96021424)
369876.31	3758183.25	10.36161	(96021424)	369962.47	3758103.00	11.12305	(96010924)
370074.53	3758103.00	14.12710	(96010924)	370186.59	3758103.00	16.91251	(96010924)
370298.62	3758103.25	18.19252	(96010924)	370323.62	3758078.00	18.84525	(96010924)
370381.38	3757991.00	20.79270	(96010924)	370435.41	3758019.25	19.98702	(96010924)
370499.31	3758049.75	18.87994	(96010924)	370485.19	3758025.25	19.56097	(96010924)
370480.69	3758086.00	18.29484	(96010924)	370505.53	3758112.75	17.65323	(96010924)
370600.72	3758113.25	15.85751	(96010924)	370695.94	3758113.50	13.28033	(96010924)
370791.12	3758113.75	11.34798	(96011824)	370886.34	3758114.00	11.44356	(96011824)
370911.41	3758089.00	11.62056	(96011824)	370910.97	3757976.00	12.82755	(96011824)
370910.53	3757863.25	14.49838	(96053103)	370910.06	3757750.50	17.46615	(96053103)
370930.06	3757711.75	18.22678	(96053103)	370960.91	3757689.25	18.03185	(96053103)
371046.47	3757692.50	18.55980c	(96021303)	371070.81	3757667.50	19.74183c	(96021303)
371071.34	3757585.25	22.09841c	(96021303)	371046.88	3757610.00	21.58891c	(96021303)
371122.22	3757608.50	20.68803c	(96021303)	371099.47	3757595.00	21.38937c	(96021303)
371134.94	3757663.25	19.43895c	(96021303)	371170.41	3757731.75	17.75057c	(96021303)
371239.88	3757782.75	16.32123c	(96021303)	371263.72	3757807.50	15.77656c	(96021303)
371372.38	3757807.25	14.40715c	(96021303)	371385.28	3757826.75	14.14083c	(96021303)
371485.00	3757895.25	12.59967c	(96021303)	371584.72	3757963.75	11.26208c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	10.10703c	(96021303)	371784.16	3758100.75	9.10437c	(96021303)
371818.31	3758095.25	9.18649	(96100806)	371873.25	3758021.75	10.23931	(96100806)
371928.19	3757948.50	11.02890	(96100806)	371969.34	3757946.25	10.96037	(96100806)
371989.16	3757923.75	11.09269	(96100806)	371995.12	3757843.25	12.18848	(96011524)
371969.38	3757866.50	11.84142	(96011524)	372022.50	3757868.25	11.83225	(96011524)
372048.31	3757843.00	12.14303	(96011524)	372047.16	3757745.75	13.23202	(96011524)
372046.03	3757648.50	13.98908	(96011524)	372044.88	3757551.25	14.30248	(96011524)
372040.50	3757447.75	14.10473	(96011524)	372036.12	3757345.00	13.30826	(96011524)
372031.75	3757242.00	13.00294	(96061403)	372027.38	3757139.25	14.02648	(96061403)
372002.59	3757115.25	14.42623	(96061403)	371880.53	3757114.25	15.76421	(96061403)
371758.47	3757113.25	17.21117	(96061403)	371636.38	3757112.25	18.75080	(96061403)
371514.31	3757111.25	21.99347	(96062303)	371394.41	3757110.25	26.41602	(96011524)
371274.53	3757109.50	32.34320	(96011524)	371154.62	3757108.50	39.60261	(96011524)
371034.75	3757107.50	43.53777	(96011524)	371059.56	3757132.50	41.41253	(96011524)
371059.44	3757085.25	43.22398	(96011524)	371034.31	3757060.25	48.24817	(96011524)
370944.22	3757060.75	48.84795	(96011524)	370854.12	3757061.25	52.40022	(96100806)
370764.03	3757062.00	68.79850	(96011321)	370789.16	3757086.00	63.02681	(96011321)
370785.78	3756996.25	67.09959	(96100806)	370782.38	3756906.50	81.36197	(96101124)
370778.97	3756816.75	85.81356	(96062303)	370754.94	3756842.75	75.38450	(96062303)
370847.44	3756839.25	76.03357	(96062303)	370939.91	3756835.75	51.75383	(96062303)
371032.41	3756832.25	43.74327	(96061403)	371056.41	3756808.75	44.27365	(96061403)
371058.09	3756781.75	44.42919	(96061403)	371033.69	3756805.25	44.07016	(96061403)
371146.19	3756802.75	38.67430	(96061403)	371258.66	3756800.25	32.23890	(96061403)
371371.16	3756797.75	27.07146	(96061403)	371483.62	3756795.25	23.09403	(96061403)
371595.03	3756793.00	19.92313	(96061403)	371706.41	3756790.50	17.34229	(96061403)
371817.78	3756788.00	15.22278	(96061403)	371932.09	3756785.50	13.42190	(96061403)
372046.38	3756783.00	11.91849	(96061403)	372160.66	3756780.25	10.64735	(96061403)
372274.97	3756777.75	9.56917	(96061403)	372384.72	3756775.50	8.68084	(96061403)
372494.47	3756773.00	7.90666	(96061403)	372604.22	3756770.50	7.23022	(96061403)
372713.97	3756768.00	6.63585	(96061403)	372738.38	3756741.75	6.29484	(96052203)
372732.97	3756646.50	6.45000	(96052203)	372819.62	3756573.75	6.07994	(96052203)
372843.78	3756547.75	5.94599	(96052203)	372839.41	3756453.75	5.62693	(96052203)
372821.25	3756362.50	5.65385c	(96052103)	372795.62	3756342.50	5.80486c	(96052103)
372731.31	3756327.75	6.07954c	(96052103)	372707.19	3756351.75	6.10940c	(96052103)
372927.97	3756344.00	5.35256c	(96052103)	372952.09	3756318.75	5.34282c	(96052103)
372951.22	3756244.75	5.46795c	(96052103)	372926.66	3756270.00	5.51419c	(96052103)
373032.78	3756268.00	5.20073c	(96052103)	373138.88	3756266.25	4.91238c	(96052103)
373245.00	3756264.25	4.64719c	(96052103)	373351.12	3756262.25	4.40258c	(96052103)
373457.25	3756260.50	4.17608c	(96052103)	373481.81	3756235.00	4.16785c	(96052103)
373480.34	3756122.50	4.26575c	(96052103)	373478.88	3756009.75	4.20950c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	4.00899c	(96052103)	373475.94	3755784.50	3.68769c	(96052103)
373474.47	3755672.00	3.89414	(96010203)	373473.00	3755559.25	4.11156	(96010203)
373447.00	3755534.75	4.19976	(96010203)	373334.22	3755539.25	4.45201	(96010203)
373221.47	3755543.75	4.71144	(96010203)	373197.47	3755568.25	4.76056	(96010203)
373195.91	3755636.25	4.70417	(96010203)	373194.34	3755704.50	4.58771	(96010203)
373219.59	3755680.00	4.56495	(96010203)	373134.91	3755679.00	4.81429	(96010203)
373159.66	3755703.50	4.69392	(96010203)	373157.94	3755634.75	4.81087	(96010203)
373156.22	3755566.00	4.86243	(96010203)	373132.47	3755541.75	4.91849	(96010203)
373055.34	3755537.75	5.09256	(96010203)	373079.06	3755562.25	5.05007	(96010203)
373077.12	3755465.00	4.96021	(96010203)	373075.16	3755368.00	4.78674	(96010106)
373073.19	3755270.75	4.53159	(96010106)	373071.22	3755173.50	4.18903	(96010106)
373046.00	3755149.00	4.09104	(96010106)	372939.09	3755150.00	4.06988	(96010106)
372832.16	3755151.00	4.06917	(96012524)	372725.25	3755152.00	4.12813	(96012524)
372622.81	3755157.25	4.43449	(96032606)	372527.31	3755158.00	4.97502	(96032606)
372430.69	3755159.00	5.56388	(96032606)	372334.09	3755159.75	6.19382	(96032606)
372237.47	3755160.50	6.86033	(96032606)	372138.81	3755161.25	7.57285	(96032606)
372040.12	3755162.25	8.31060	(96032606)	371941.47	3755163.00	9.06438	(96032606)
371842.78	3755163.75	9.82242	(96032606)	371747.72	3755164.50	10.54132	(96032606)
371652.69	3755165.25	11.22815	(96032606)	371557.62	3755166.25	11.85583	(96032606)
371462.59	3755167.00	12.37993	(96032606)	371359.16	3755167.75	12.77049	(96032606)
371255.72	3755168.75	12.90265	(96032606)	371152.25	3755169.50	12.70438	(96032606)
371048.81	3755170.50	14.97987	(96020403)	371024.06	3755196.50	15.61404	(96020403)
371027.69	3755273.25	15.87304	(96020403)	371031.34	3755350.25	15.92605	(96020403)
371019.94	3755375.50	16.30163	(96020403)	371017.91	3755470.00	18.54980	(96032606)
371017.38	3755556.25	20.50087	(96032606)	371040.31	3755531.50	19.81224	(96032606)
371025.97	3755420.25	17.26248	(96032606)	371015.62	3755399.00	16.66466	(96032606)
370915.81	3755327.25	19.13765	(96020403)	370816.03	3755255.25	19.07074	(96020403)
370736.56	3755243.75	18.73924	(96020403)	370669.19	3755237.00	18.08482	(96020403)
370571.06	3755237.25	16.26636	(96020403)	370475.62	3755237.75	13.57348	(96020403)
370380.12	3755238.25	11.47868	(96010121)	370278.66	3755239.00	13.13047	(96010121)
370177.19	3755239.50	14.71354	(96010121)	370075.72	3755240.00	14.83770	(96010121)
369979.41	3755240.50	15.20162	(96010121)	369883.09	3755241.00	15.38786	(96010121)
369786.78	3755241.50	15.34631	(96010121)	369690.47	3755242.00	15.00979	(96010121)
369594.16	3755242.75	15.74261	(96020306)	369497.88	3755243.25	20.87184	(96020306)
369396.38	3755243.75	25.35018	(96020306)	369294.91	3755244.25	27.65690	(96020306)
369193.44	3755244.75	27.26834	(96020306)	369091.97	3755245.25	24.57191	(96020306)
368990.50	3755246.00	20.52587	(96020306)	368889.03	3755246.50	16.10938	(96020306)
368782.41	3755247.00	12.70533	(96041103)	368675.78	3755247.50	12.95559	(96041103)
368569.12	3755248.25	12.93862	(96041103)	368471.00	3755248.75	12.71678	(96041103)
368372.84	3755249.25	12.33692	(96041103)	368274.69	3755249.75	11.83521	(96041103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	11.18093	(96052806)	368053.72	3755209.25	10.83036	(96052806)
367940.91	3755188.50	10.42428	(96052806)	367824.03	3755184.75	10.02901	(96052806)
367710.84	3755181.25	9.57026	(96052806)	367597.62	3755177.50	9.06067	(96052806)
367484.44	3755174.00	8.52143	(96052806)	367460.69	3755189.25	8.38003	(96052806)
367415.00	3755295.25	7.80535	(96052806)	367369.31	3755401.25	7.43241	(96012906)
367323.59	3755507.25	7.65696	(96012906)	367483.66	3755199.00	8.47988	(96052806)
367300.88	3755623.25	7.73790	(96012906)	367114.28	3756056.25	7.20581	(96010806)
366984.53	3756357.50	8.49316	(96010806)	366852.91	3756663.00	7.60781	(96010806)
366902.28	3756692.00	7.62833	(96010806)	366875.53	3756760.00	7.17017	(96010806)
366812.69	3756738.50	7.11021	(96010806)	366677.25	3757024.50	5.14440	(96101003)
366536.22	3757322.00	4.51552	(96041406)	366437.28	3757530.75	4.11560	(96041406)
366486.94	3757537.25	4.15602	(96041406)	366623.91	3757468.00	4.45918	(96041406)
366644.38	3757530.75	4.34251	(96041406)	366777.06	3757519.75	4.52140	(96041406)
366998.56	3757642.25	4.33901	(96101006)	367174.25	3757739.50	4.64521	(96102306)
367290.72	3757694.25	4.91135	(96102306)	367412.66	3757694.75	5.15281	(96102306)
367409.81	3757735.75	5.07214	(96102306)	367517.78	3757796.25	5.07916	(96102306)
367539.25	3757802.00	5.08733	(96102306)	367609.12	3757676.75	5.58193	(96102306)
367769.06	3757644.25	6.00574	(96102306)	367774.81	3757718.50	5.72833	(96102306)
367809.47	3757834.50	5.46365	(96011403)	367807.06	3757935.50	5.37923	(96101906)
367774.94	3757958.50	5.27499	(96101906)	367798.12	3758011.00	5.41031c	(96011224)
367914.41	3757961.50	5.83294c	(96011224)	367904.53	3757930.25	5.74113c	(96011224)
368108.69	3757840.25	6.60389c	(96011224)	368232.75	3757790.25	7.23456c	(96011224)
368308.88	3757761.50	7.66777c	(96011224)	368603.38	3757765.00	9.94027	(96100324)
368603.84	3757718.50	9.88081	(96100324)	368769.72	3757798.50	11.34419	(96100324)
369017.16	3757954.25	10.68765	(96051024)	369080.28	3757864.00	11.80975	(96100324)
369224.00	3757952.25	11.95767	(96051024)	369408.72	3757730.00	15.92515	(96051024)
369454.22	3757776.00	14.67244	(96051024)	369264.97	3757996.50	11.38511	(96051024)
369451.62	3758128.00	8.32108	(96020206)	369459.97	3758394.25	7.04360	(96020206)
369853.09	3758394.25	8.53074	(96021424)	369850.44	3758078.00	11.46335	(96021424)
370298.62	3758078.25	18.65901	(96010924)	370297.53	3757962.75	21.07059	(96010924)
370382.34	3757966.00	21.35444	(96010924)	370510.12	3758027.25	19.15106	(96010924)
370505.62	3758087.75	18.08674	(96010924)	370886.41	3758089.00	11.73165	(96011824)
370885.06	3757750.50	17.40960	(96053103)	370907.31	3757701.50	18.70338	(96053103)
370944.91	3757670.00	18.66293	(96053103)	371045.81	3757667.50	19.23864c	(96021303)
371046.34	3757585.00	22.40430c	(96021303)	371121.66	3757583.50	21.10030c	(96021303)
371192.59	3757720.25	17.73163c	(96021303)	371253.97	3757762.25	16.42279c	(96021303)
371263.66	3757782.50	16.07663c	(96021303)	371372.34	3757782.25	14.52863c	(96021303)
371399.44	3757806.25	14.02672c	(96021303)	371798.31	3758080.25	9.31983	(96100806)
371908.19	3757933.50	11.21820	(96100806)	371964.22	3757921.75	11.18984	(96100806)
371970.19	3757841.50	12.21861	(96011524)	372023.31	3757843.25	12.16925	(96011524)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	14.58187	(96011524)	372002.41	3757140.25	14.26146	(96061403)
371514.12	3757136.25	22.40250	(96011524)	371034.56	3757132.50	41.91709	(96011524)
371034.44	3757085.25	44.45530	(96011524)	370764.19	3757087.00	65.48083	(96011321)
370754.00	3756817.75	86.13912	(96062303)	371031.47	3756807.25	44.12491	(96061403)
371033.12	3756780.25	46.27545	(96061403)	371483.09	3756770.25	22.47447	(96061403)
371817.25	3756763.00	14.74275	(96061403)	372274.41	3756752.75	9.25058	(96061403)
372713.41	3756743.00	6.41505	(96061403)	372702.62	3756552.50	6.43528	(96052203)
372818.81	3756548.75	6.02824	(96052203)	372814.44	3756455.00	5.70364	(96052203)
372796.75	3756367.50	5.72456c	(96052103)	372704.81	3756371.50	6.05628c	(96052103)
372706.31	3756326.75	6.17743c	(96052103)	372927.09	3756319.25	5.42031c	(96052103)
372926.22	3756245.00	5.54325c	(96052103)	373456.81	3756235.50	4.21838c	(96052103)
373448.00	3755559.75	4.16854	(96010203)	373222.47	3755568.75	4.69896	(96010203)
373219.34	3755705.00	4.51256	(96010203)	373134.66	3755704.00	4.76887	(96010203)
373131.22	3755566.75	4.92354	(96010203)	373054.09	3755562.75	5.11045	(96010203)
373046.22	3755174.00	4.19350	(96010106)	372725.47	3755177.00	4.21151	(96012524)
372624.12	3755182.25	4.32882	(96032606)	372237.69	3755185.50	6.79757	(96032606)
371843.00	3755188.75	9.87198	(96032606)	371462.81	3755192.00	12.60905	(96032606)
371049.03	3755195.50	15.08186	(96020403)	371056.31	3755349.00	15.67483	(96032606)
371043.41	3755384.00	16.43146	(96032606)	371042.38	3755556.25	20.42967	(96032606)
370995.81	3755560.25	20.62941	(96032606)	371001.00	3755419.25	17.10950	(96032606)
370801.41	3755275.50	19.49633	(96020403)	370666.66	3755261.75	18.64754	(96020403)
370380.28	3755263.25	11.75424	(96010121)	370075.88	3755265.00	15.27016	(96010121)
369786.91	3755266.50	15.76543	(96010121)	369498.00	3755268.25	22.17960	(96020306)
369193.59	3755269.75	27.53974	(96020306)	368889.16	3755271.50	15.46832	(96020306)
368569.28	3755273.25	13.22680	(96041103)	368274.84	3755274.75	11.92759	(96041103)
367936.44	3755213.25	10.53580	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.48260	(96101124)	372498.53	3757611.75	1.37109	(96062303)
372248.53	3757861.75	1.29042	(96100806)	372498.53	3757861.75	1.25518	(96101124)
372248.53	3758111.75	1.29538	(96011321)	372498.53	3758111.75	1.14822	(96100806)
372248.53	3758361.75	1.30870	(96011321)	372498.53	3758361.75	1.14015	(96011321)
373792.78	3755334.75	0.41271	(96010203)	374092.78	3755334.75	0.36667	(96010203)
373792.78	3755709.75	0.37676	(96032006)	374092.78	3755709.75	0.35889c	(96052103)
373792.78	3756084.75	0.49904	(96100606)	374092.78	3756084.75	0.46475	(96100606)
373792.78	3756459.75	0.59322	(96100321)	374092.78	3756459.75	0.53470	(96100321)
373792.78	3756834.75	0.78222	(96090324)	374092.78	3756834.75	0.69106	(96090324)
373792.78	3757209.75	0.89343	(96090324)	374092.78	3757209.75	0.80057	(96090324)
373792.78	3757584.75	0.78456	(96090324)	374092.78	3757584.75	0.73639	(96090324)
373792.78	3757959.75	0.86182	(96100224)	374092.78	3757959.75	0.77570	(96100224)
373792.78	3758334.75	0.86470	(96062303)	374092.78	3758334.75	0.79909	(96062303)
373792.78	3758709.75	0.74962	(96100806)	374092.78	3758709.75	0.73299	(96062303)
370479.03	3756653.75	22.83152	(96011915)	367277.91	3755613.50	1.11021	(96101106)
367231.25	3755721.75	1.04753	(96101106)	367184.62	3755830.00	0.96154	(96062506)
367137.97	3755938.25	0.91133	(96062506)	367091.34	3756046.50	0.90230	(96022406)
367048.09	3756146.75	0.88815	(96102406)	367004.81	3756247.25	0.89441	(96010806)
366961.56	3756347.50	0.94693	(96010806)	366917.69	3756449.50	0.95521	(96010806)
366873.81	3756551.25	0.92115	(96010806)	366829.94	3756653.00	0.90526	(96100106)
366840.22	3756684.50	0.91379	(96101003)	366889.59	3756713.50	0.94704	(96101003)
366879.00	3756682.75	0.92273	(96101003)	366852.25	3756751.00	0.95970	(96101003)
366883.62	3756736.50	0.96001	(96101003)	366820.78	3756715.00	0.92932	(96101003)
366790.12	3756728.00	0.92921	(96101003)	366744.97	3756823.25	0.96352	(96101003)
366699.81	3756918.50	0.97527	(96101003)	366654.66	3757013.75	0.96553	(96101003)
366607.66	3757113.00	0.93514	(96101003)	366560.62	3757212.00	0.88791	(96101003)
366513.62	3757311.25	0.82793	(96101003)	366464.16	3757415.75	0.75581	(96101003)
366414.69	3757520.00	0.67918	(96101003)	366434.03	3757555.50	0.65320	(96101003)
366483.69	3757562.00	0.65782	(96030103)	366566.69	3757525.00	0.67838	(96101003)
366620.62	3757538.50	0.69297	(96030103)	366646.41	3757555.50	0.70432	(96030103)
366712.75	3757550.25	0.72391	(96030103)	366779.09	3757544.75	0.74416	(96030103)
366838.81	3757582.50	0.76947	(96030103)	366912.62	3757623.25	0.79691	(96030103)
366986.47	3757664.25	0.82046	(96030103)	367074.31	3757712.75	0.84209	(96030103)
367162.16	3757761.25	0.85529	(96030103)	367299.75	3757717.75	0.90350	(96030103)
367384.88	3757734.00	0.91924	(96030103)	367397.59	3757757.50	0.92173	(96021806)
367505.56	3757818.00	0.96806	(96021806)	367532.81	3757826.00	0.97796	(96021806)
367561.06	3757814.00	0.99084	(96021806)	367596.03	3757751.50	1.01167	(96021806)
367630.97	3757689.00	1.02804	(96021806)	367694.09	3757685.00	1.06050	(96021806)
367749.88	3757720.50	1.08640	(96021806)	367785.50	3757841.75	1.06461	(96021806)
367782.09	3757935.00	1.01320	(96021806)	367752.06	3757968.50	0.98682	(96021806)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.95360	(96021806)	367807.91	3758034.00	0.94611	(96021806)
367866.06	3758009.25	0.96877	(96021806)	367924.19	3757984.50	0.99217	(96021806)
367938.25	3757954.00	1.01961	(96021806)	367928.38	3757922.75	1.04495	(96021806)
367914.62	3757953.25	1.01849	(96021806)	368016.69	3757908.25	1.06604	(96021806)
368118.78	3757863.25	1.11677	(96021806)	368180.06	3757838.50	1.14631	(96021806)
368242.09	3757813.50	1.17703	(96021806)	368317.75	3757784.75	1.21337	(96021806)
368406.72	3757787.75	1.20178	(96021806)	368504.88	3757788.75	1.17668	(96021806)
368603.06	3757790.00	1.20740	(96100324)	368628.38	3757765.25	1.22040	(96100324)
368675.91	3757781.00	1.25453	(96100324)	368758.84	3757821.00	1.34347	(96062503)
368838.88	3757871.50	1.41349	(96062503)	368921.38	3757923.50	1.44419	(96062503)
369003.84	3757975.50	1.42347	(96062503)	369037.66	3757968.75	1.43394	(96062503)
369100.78	3757878.25	1.55412	(96062503)	369067.19	3757885.25	1.53974	(96062503)
369139.03	3757929.50	1.47773	(96062503)	369210.91	3757973.75	1.36297	(96062503)
369243.25	3757968.25	1.34472	(96062503)	369304.81	3757894.25	1.43355	(96062503)
369366.38	3757820.00	1.53705	(96062503)	369436.44	3757793.50	1.52656	(96030324)
369435.25	3757759.75	1.60639	(96062503)	369250.56	3758016.75	1.24289	(96062503)
369343.91	3758082.50	1.09214	(96030324)	369437.25	3758148.25	0.92713	(96030324)
369429.41	3758217.50	0.88688	(96020921)	369432.19	3758306.25	0.84668	(96020921)
369434.97	3758395.00	0.80540	(96020921)	369459.97	3758419.25	0.79743	(96020921)
369558.25	3758419.25	0.80429	(96020921)	369656.53	3758419.25	0.79850	(96020921)
369754.81	3758419.25	0.80580	(96041024)	369853.09	3758419.25	0.82289	(96041024)
369878.09	3758394.00	0.84023	(96041024)	369877.19	3758288.75	0.91684	(96041024)
369876.31	3758183.25	1.00226	(96041024)	369962.47	3758103.00	1.08913	(96041024)
370074.53	3758103.00	1.11059	(96040521)	370186.59	3758103.00	1.17507	(96040521)
370298.62	3758103.25	1.17626	(96040521)	370323.62	3758078.00	1.18922	(96040521)
370381.38	3757991.00	1.35806	(96010109)	370435.41	3758019.25	1.29593	(96010109)
370499.31	3758049.75	1.31407	(96032203)	370485.19	3758025.25	1.34236	(96032203)
370480.69	3758086.00	1.22128	(96032203)	370505.53	3758112.75	1.23009	(96032203)
370600.72	3758113.25	1.36974c	(96043024)	370695.94	3758113.50	1.42553c	(96043024)
370791.12	3758113.75	1.41094c	(96043024)	370886.34	3758114.00	1.29915c	(96043024)
370911.41	3758089.00	1.25756c	(96043024)	370910.97	3757976.00	1.38895	(96092403)
370910.53	3757863.25	1.55386	(96092403)	370910.06	3757750.50	1.77556	(96092403)
370930.06	3757711.75	1.82379	(96092403)	370960.91	3757689.25	1.80489	(96092403)
371046.47	3757692.50	1.69333	(96021821)	371070.81	3757667.50	1.77470	(96021821)
371071.34	3757585.25	2.03360	(96021821)	371046.88	3757610.00	1.97084	(96021821)
371122.22	3757608.50	2.03826	(96011321)	371099.47	3757595.00	2.01639	(96011321)
371134.94	3757663.25	1.85026	(96011321)	371170.41	3757731.75	1.70062	(96011321)
371239.88	3757782.75	1.72465	(96011321)	371263.72	3757807.50	1.70423	(96011321)
371372.38	3757807.25	1.92333	(96011321)	371385.28	3757826.75	1.88899	(96011321)
371485.00	3757895.25	1.83759	(96011321)	371584.72	3757963.75	1.77240	(96011321)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.69959	(96011321)	371784.16	3758100.75	1.62352	(96011321)
371818.31	3758095.25	1.62875	(96011321)	371873.25	3758021.75	1.66125	(96011321)
371928.19	3757948.50	1.61770	(96011321)	371969.34	3757946.25	1.56508	(96011321)
371989.16	3757923.75	1.52758	(96011321)	371995.12	3757843.25	1.45506	(96011321)
371969.38	3757866.50	1.51825	(96011321)	372022.50	3757868.25	1.43466	(96011321)
372048.31	3757843.00	1.39931	(96010321)	372047.16	3757745.75	1.38876	(96100806)
372046.03	3757648.50	1.48827	(96101124)	372044.88	3757551.25	1.59056	(96101124)
372040.50	3757447.75	1.63217	(96101124)	372036.12	3757345.00	1.67177	(96061624)
372031.75	3757242.00	1.67699	(96090806)	372027.38	3757139.25	1.75094	(96090324)
372002.59	3757115.25	1.81838	(96090324)	371880.53	3757114.25	1.88653	(96091624)
371758.47	3757113.25	2.11445	(96091624)	371636.38	3757112.25	2.38558	(96090806)
371514.31	3757111.25	2.70394	(96090806)	371394.41	3757110.25	3.02228	(96090806)
371274.53	3757109.50	3.30677	(96090806)	371154.62	3757108.50	4.02342	(96062224)
371034.75	3757107.50	4.49094	(96062224)	371059.56	3757132.50	4.22415	(96062224)
371059.44	3757085.25	4.58884	(96062224)	371034.31	3757060.25	4.84395	(96062224)
370944.22	3757060.75	5.05761	(96062224)	370854.12	3757061.25	5.69413	(96091921)
370764.03	3757062.00	6.07625	(96040621)	370789.16	3757086.00	5.60962	(96091921)
370785.78	3756996.25	6.62080	(96092321)	370782.38	3756906.50	7.28590	(96041621)
370778.97	3756816.75	7.65897	(96052521)	370754.94	3756842.75	6.94348	(96092721)
370847.44	3756839.25	6.74337	(96052521)	370939.91	3756835.75	5.96795	(96091624)
371032.41	3756832.25	5.04972	(96091624)	371056.41	3756808.75	4.53944	(96091624)
371058.09	3756781.75	4.41400	(96061621)	371033.69	3756805.25	4.69627	(96091624)
371146.19	3756802.75	3.80278	(96091624)	371258.66	3756800.25	3.25116	(96090324)
371371.16	3756797.75	3.05197	(96090324)	371483.62	3756795.25	2.84111	(96090324)
371595.03	3756793.00	2.63393	(96090324)	371706.41	3756790.50	2.43563	(96090324)
371817.78	3756788.00	2.25040	(96090324)	371932.09	3756785.50	2.07588	(96090324)
372046.38	3756783.00	1.91727	(96090324)	372160.66	3756780.25	1.77342	(96090324)
372274.97	3756777.75	1.64397	(96090324)	372384.72	3756775.50	1.53188	(96090324)
372494.47	3756773.00	1.42996	(96090324)	372604.22	3756770.50	1.33750	(96090324)
372713.97	3756768.00	1.25349	(96090324)	372738.38	3756741.75	1.20384	(96090324)
372732.97	3756646.50	1.07075	(96090324)	372819.62	3756573.75	0.91425	(96090324)
372843.78	3756547.75	0.89717	(96100321)	372839.41	3756453.75	0.86293	(96100321)
372821.25	3756362.50	0.81134	(96100321)	372795.62	3756342.50	0.80368	(96100321)
372731.31	3756327.75	0.81028	(96100321)	372707.19	3756351.75	0.83898	(96100321)
372927.97	3756344.00	0.76591	(96100321)	372952.09	3756318.75	0.74125	(96100321)
372951.22	3756244.75	0.70443	(96100606)	372926.66	3756270.00	0.72222	(96100606)
373032.78	3756268.00	0.69622	(96100606)	373138.88	3756266.25	0.67185	(96100606)
373245.00	3756264.25	0.64876	(96100606)	373351.12	3756262.25	0.62695	(96100606)
373457.25	3756260.50	0.60639	(96100606)	373481.81	3756235.00	0.59423	(96100606)
373480.34	3756122.50	0.55386	(96100606)	373478.88	3756009.75	0.50516	(96100606)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.45217	(96100606)	373475.94	3755784.50	0.42824	(96032006)
373474.47	3755672.00	0.41594c	(96021703)	373473.00	3755559.25	0.43450	(96051703)
373447.00	3755534.75	0.44493	(96051703)	373334.22	3755539.25	0.47467	(96051703)
373221.47	3755543.75	0.50654	(96051703)	373197.47	3755568.25	0.51095	(96051703)
373195.91	3755636.25	0.50117	(96051703)	373194.34	3755704.50	0.48752	(96051703)
373219.59	3755680.00	0.48490	(96051703)	373134.91	3755679.00	0.51297	(96051703)
373159.66	3755703.50	0.49925	(96051703)	373157.94	3755634.75	0.51369	(96051703)
373156.22	3755566.00	0.52397	(96051703)	373132.47	3755541.75	0.53368	(96051703)
373055.34	3755537.75	0.55816	(96051703)	373079.06	3755562.25	0.54886	(96051703)
373077.12	3755465.00	0.55305	(96051703)	373075.16	3755368.00	0.54818	(96051703)
373073.19	3755270.75	0.54963	(96092703)	373071.22	3755173.50	0.56118	(96092703)
373046.00	3755149.00	0.57125	(96092703)	372939.09	3755150.00	0.60790	(96092703)
372832.16	3755151.00	0.64540	(96092703)	372725.25	3755152.00	0.68323	(96092703)
372622.81	3755157.25	0.71994	(96092703)	372527.31	3755158.00	0.75272	(96092703)
372430.69	3755159.00	0.78417	(96092703)	372334.09	3755159.75	0.81271	(96092703)
372237.47	3755160.50	0.83725	(96092703)	372138.81	3755161.25	0.85674	(96092703)
372040.12	3755162.25	0.90244c	(96091903)	371941.47	3755163.00	0.96085c	(96091903)
371842.78	3755163.75	1.00602c	(96091903)	371747.72	3755164.50	1.03369	(96012203)
371652.69	3755165.25	1.13101	(96012203)	371557.62	3755166.25	1.20793	(96012203)
371462.59	3755167.00	1.25252	(96012203)	371359.16	3755167.75	1.25106	(96012203)
371255.72	3755168.75	1.43782	(96051203)	371152.25	3755169.50	1.72573	(96051203)
371048.81	3755170.50	1.95889	(96051203)	371024.06	3755196.50	2.00680	(96051203)
371027.69	3755273.25	2.00058	(96051203)	371031.34	3755350.25	1.95944	(96051203)
371019.94	3755375.50	1.97754	(96051203)	371017.91	3755470.00	1.88791	(96051203)
371017.38	3755556.25	1.74089	(96051203)	371040.31	3755531.50	1.68759	(96051203)
371025.97	3755420.25	1.91790	(96051203)	371015.62	3755399.00	1.97342	(96051203)
370915.81	3755327.25	2.22219	(96051203)	370816.03	3755255.25	2.14964	(96051203)
370736.56	3755243.75	1.96791	(96051203)	370669.19	3755237.00	1.74437	(96021106)
370571.06	3755237.25	2.06659	(96021106)	370475.62	3755237.75	2.25569	(96021106)
370380.12	3755238.25	2.24179	(96021106)	370278.66	3755239.00	1.98827	(96021106)
370177.19	3755239.50	1.58360	(96031406)	370075.72	3755240.00	1.30567	(96031406)
369979.41	3755240.50	1.39875	(96022809)	369883.09	3755241.00	1.43430	(96022809)
369786.78	3755241.50	1.38583	(96050703)	369690.47	3755242.00	1.42743	(96050703)
369594.16	3755242.75	1.38634	(96050703)	369497.88	3755243.25	1.27423	(96050703)
369396.38	3755243.75	1.23445	(96010103)	369294.91	3755244.25	1.37301	(96020306)
369193.44	3755244.75	1.35587	(96020306)	369091.97	3755245.25	1.15787	(96020306)
368990.50	3755246.00	1.06503	(96042106)	368889.03	3755246.50	1.01393	(96042106)
368782.41	3755247.00	1.04192	(96010506)	368675.78	3755247.50	1.09008	(96010506)
368569.12	3755248.25	1.11768	(96010506)	368471.00	3755248.75	1.12639	(96010506)
368372.84	3755249.25	1.12163	(96010506)	368274.69	3755249.75	1.10569	(96010506)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.06696	(96010506)	368053.72	3755209.25	1.02403	(96010506)
367940.91	3755188.50	0.98339	(96052806)	367824.03	3755184.75	0.97614	(96052806)
367710.84	3755181.25	0.95080	(96052806)	367597.62	3755177.50	0.91175	(96052806)
367484.44	3755174.00	0.87917	(96101106)	367460.69	3755189.25	0.90116	(96101106)
367415.00	3755295.25	1.01308	(96101106)	367369.31	3755401.25	1.09116	(96101106)
367323.59	3755507.25	1.12502	(96101106)	367483.66	3755199.00	0.90715	(96101106)
367300.88	3755623.25	1.11841	(96101106)	367114.28	3756056.25	0.91038	(96022406)
366984.53	3756357.50	0.95461	(96010806)	366852.91	3756663.00	0.91247	(96100106)
366902.28	3756692.00	0.93566	(96101003)	366875.53	3756760.00	0.97128	(96101003)
366812.69	3756738.50	0.94156	(96101003)	366677.25	3757024.50	0.96991	(96101003)
366536.22	3757322.00	0.82403	(96101003)	366437.28	3757530.75	0.67180	(96101003)
366486.94	3757537.25	0.66776	(96101003)	366623.91	3757468.00	0.72535	(96101003)
366644.38	3757530.75	0.69856	(96030103)	366777.06	3757519.75	0.73855	(96030103)
366998.56	3757642.25	0.82477	(96030103)	367174.25	3757739.50	0.86413	(96030103)
367290.72	3757694.25	0.90783	(96030103)	367412.66	3757694.75	0.94174	(96030103)
367409.81	3757735.75	0.92481	(96021806)	367517.78	3757796.25	0.97487	(96021806)
367539.25	3757802.00	0.98336	(96021806)	367609.12	3757676.75	1.01564	(96021806)
367769.06	3757644.25	1.09978	(96021806)	367774.81	3757718.50	1.09862	(96021806)
367809.47	3757834.50	1.07554	(96021806)	367807.06	3757935.50	1.01749	(96021806)
367774.94	3757958.50	0.99699	(96021806)	367798.12	3758011.00	0.96312	(96021806)
367914.41	3757961.50	1.01156	(96021806)	367904.53	3757930.25	1.03607	(96021806)
368108.69	3757840.25	1.13908	(96021806)	368232.75	3757790.25	1.20367	(96021806)
368308.88	3757761.50	1.24303	(96021806)	368603.38	3757765.00	1.20220	(96100324)
368603.84	3757718.50	1.27302	(96021806)	368769.72	3757798.50	1.35563	(96062503)
369017.16	3757954.25	1.44943	(96062503)	369080.28	3757864.00	1.56869	(96062503)
369224.00	3757952.25	1.39231	(96062503)	369408.72	3757730.00	1.73430	(96062503)
369454.22	3757776.00	1.55967	(96030324)	369264.97	3757996.50	1.26486	(96062503)
369451.62	3758128.00	0.94216	(96030324)	369459.97	3758394.25	0.80978	(96020921)
369853.09	3758394.25	0.83938	(96041024)	369850.44	3758078.00	1.08453	(96041024)
370298.62	3758078.25	1.19679	(96040521)	370297.53	3757962.75	1.31160	(96052421)
370382.34	3757966.00	1.40631	(96010109)	370510.12	3758027.25	1.35487	(96032203)
370505.62	3758087.75	1.26320	(96032203)	370886.41	3758089.00	1.30781c	(96043024)
370885.06	3757750.50	1.78911	(96092403)	370907.31	3757701.50	1.87029	(96092403)
370944.91	3757670.00	1.86157	(96092403)	371045.81	3757667.50	1.76695	(96021821)
371046.34	3757585.00	2.05195	(96021821)	371121.66	3757583.50	2.14696	(96011321)
371192.59	3757720.25	1.81353	(96011321)	371253.97	3757762.25	1.83148	(96011321)
371263.66	3757782.50	1.78716	(96011321)	371372.34	3757782.25	1.99067	(96011321)
371399.44	3757806.25	1.96060	(96011321)	371798.31	3758080.25	1.64684	(96011321)
371908.19	3757933.50	1.63939	(96011321)	371964.22	3757921.75	1.56158	(96011321)
371970.19	3757841.50	1.49497	(96011321)	372023.31	3757843.25	1.41885	(96010321)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.59705	(96101124)	372002.41	3757140.25	1.75643	(96090324)
371514.12	3757136.25	2.68679	(96090806)	371034.56	3757132.50	4.11337	(96092324)
371034.44	3757085.25	4.68455	(96062224)	370764.19	3757087.00	5.51141	(96040621)
370754.00	3756817.75	7.76570	(96052521)	371031.47	3756807.25	4.73304	(96091624)
371033.12	3756780.25	4.59947	(96061621)	371483.09	3756770.25	2.80094	(96090324)
371817.25	3756763.00	2.20128	(96090324)	372274.41	3756752.75	1.60330	(96090324)
372713.41	3756743.00	1.22227	(96090324)	372702.62	3756552.50	0.96042	(96100321)
372818.81	3756548.75	0.90792	(96100321)	372814.44	3756455.00	0.87305	(96100321)
372796.75	3756367.50	0.82291	(96100321)	372704.81	3756371.50	0.85657	(96100321)
372706.31	3756326.75	0.81676	(96100321)	372927.09	3756319.25	0.74828	(96100321)
372926.22	3756245.00	0.71032	(96100606)	373456.81	3756235.50	0.59880	(96100606)
373448.00	3755559.75	0.44095	(96051703)	373222.47	3755568.75	0.50329	(96051703)
373219.34	3755705.00	0.47930	(96051703)	373134.66	3755704.00	0.50761	(96051703)
373131.22	3755566.75	0.53175	(96051703)	373054.09	3755562.75	0.55695	(96051703)
373046.22	3755174.00	0.56978	(96092703)	372725.47	3755177.00	0.68574	(96092703)
372624.12	3755182.25	0.72376	(96092703)	372237.69	3755185.50	0.85105	(96092703)
371843.00	3755188.75	1.01549c	(96091903)	371462.81	3755192.00	1.26972	(96012203)
371049.03	3755195.50	1.96024	(96051203)	371056.31	3755349.00	1.88239	(96051203)
371043.41	3755384.00	1.89377	(96051203)	371042.38	3755556.25	1.66547	(96012203)
370995.81	3755560.25	1.83202	(96051203)	371001.00	3755419.25	2.00514	(96051203)
370801.41	3755275.50	2.16267	(96051203)	370666.66	3755261.75	1.76037	(96021106)
370380.28	3755263.25	2.28649	(96021106)	370075.88	3755265.00	1.32287	(96031406)
369786.91	3755266.50	1.42182	(96050703)	369498.00	3755268.25	1.28283	(96042103)
369193.59	3755269.75	1.32914	(96020306)	368889.16	3755271.50	1.02299	(96042106)
368569.28	3755273.25	1.14741	(96010506)	368274.84	3755274.75	1.12237	(96010506)
367936.44	3755213.25	0.99201	(96052806)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.65405	(96062303)	372498.53	3757611.75	2.31714	(96062303)
372248.53	3757861.75	2.37512	(96100806)	372498.53	3757861.75	2.19977	(96011524)
372248.53	3758111.75	2.12434	(96100806)	372498.53	3758111.75	1.99988	(96100806)
372248.53	3758361.75	1.67204	(96100806)	372498.53	3758361.75	1.74710	(96100806)
373792.78	3755334.75	0.80133	(96010203)	374092.78	3755334.75	0.70395	(96010203)
373792.78	3755709.75	0.71535c	(96052103)	374092.78	3755709.75	0.69175c	(96052103)
373792.78	3756084.75	0.84331c	(96052103)	374092.78	3756084.75	0.75894c	(96052103)
373792.78	3756459.75	0.82777	(96052203)	374092.78	3756459.75	0.75654	(96052203)
373792.78	3756834.75	0.84466	(96090324)	374092.78	3756834.75	0.74630	(96052203)
373792.78	3757209.75	1.16114	(96061403)	374092.78	3757209.75	1.01764	(96061403)
373792.78	3757584.75	1.20900	(96061403)	374092.78	3757584.75	1.10413	(96061403)
373792.78	3757959.75	1.22813	(96100224)	374092.78	3757959.75	1.09174	(96100224)
373792.78	3758334.75	1.27485	(96011524)	374092.78	3758334.75	1.13060	(96062303)
373792.78	3758709.75	1.25794	(96011524)	374092.78	3758709.75	1.17744	(96011524)
370479.03	3756653.75	28.40698	(96092112)	367277.91	3755613.50	1.70192	(96012906)
367231.25	3755721.75	1.62700	(96012906)	367184.62	3755830.00	1.49668	(96012906)
367137.97	3755938.25	1.32422	(96012906)	367091.34	3756046.50	1.47854	(96010806)
367048.09	3756146.75	1.65679	(96010806)	367004.81	3756247.25	1.78233	(96010806)
366961.56	3756347.50	1.84414	(96010806)	366917.69	3756449.50	1.83939	(96010806)
366873.81	3756551.25	1.77154	(96010806)	366829.94	3756653.00	1.65205	(96010806)
366840.22	3756684.50	1.62013	(96010806)	366889.59	3756713.50	1.60891	(96010806)
366879.00	3756682.75	1.64425	(96010806)	366852.25	3756751.00	1.53470	(96010806)
366883.62	3756736.50	1.57257	(96010806)	366820.78	3756715.00	1.56959	(96010806)
366790.12	3756728.00	1.53585	(96010806)	366744.97	3756823.25	1.40912	(96101003)
366699.81	3756918.50	1.40769	(96101003)	366654.66	3757013.75	1.38215	(96101003)
366607.66	3757113.00	1.33323	(96101003)	366560.62	3757212.00	1.26581	(96101003)
366513.62	3757311.25	1.18424	(96101003)	366464.16	3757415.75	1.08818	(96101003)
366414.69	3757520.00	1.00667	(96041406)	366434.03	3757555.50	0.99093	(96041406)
366483.69	3757562.00	0.99603	(96041406)	366566.69	3757525.00	1.03532	(96041406)
366620.62	3757538.50	1.03681	(96041406)	366646.41	3757555.50	1.02904	(96041406)
366712.75	3757550.25	1.04436	(96041406)	366779.09	3757544.75	1.05996	(96041406)
366838.81	3757582.50	1.03402	(96041406)	366912.62	3757623.25	0.99980	(96102306)
366986.47	3757664.25	1.03562	(96102306)	367074.31	3757712.75	1.06824	(96102306)
367162.16	3757761.25	1.08718	(96102306)	367299.75	3757717.75	1.14609	(96102306)
367384.88	3757734.00	1.16459	(96102306)	367397.59	3757757.50	1.15436	(96102306)
367505.56	3757818.00	1.12581	(96102306)	367532.81	3757826.00	1.12025	(96102306)
367561.06	3757814.00	1.13408	(96102306)	367596.03	3757751.50	1.19836	(96102306)
367630.97	3757689.00	1.25920	(96102306)	367694.09	3757685.00	1.27692	(96102306)
367749.88	3757720.50	1.24932	(96102306)	367785.50	3757841.75	1.27178	(96101906)
367782.09	3757935.00	1.28525	(96101906)	367752.06	3757968.50	1.26584	(96101906)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.27948	(96101906)	367807.91	3758034.00	1.29777	(96101906)
367866.06	3758009.25	1.33776	(96101906)	367924.19	3757984.50	1.37959	(96101906)
367938.25	3757954.00	1.39517	(96101906)	367928.38	3757922.75	1.39237	(96101906)
367914.62	3757953.25	1.37909	(96101906)	368016.69	3757908.25	1.45921	(96101906)
368118.78	3757863.25	1.54664	(96101906)	368180.06	3757838.50	1.60229	(96101906)
368242.09	3757813.50	1.66156	(96101906)	368317.75	3757784.75	1.73732	(96101906)
368406.72	3757787.75	1.86615	(96100324)	368504.88	3757788.75	2.04436	(96100324)
368603.06	3757790.00	2.22356	(96100324)	368628.38	3757765.25	2.26331	(96100324)
368675.91	3757781.00	2.35188	(96100324)	368758.84	3757821.00	2.46487	(96100324)
368838.88	3757871.50	2.48286	(96100324)	368921.38	3757923.50	2.38303	(96100324)
369003.84	3757975.50	2.17070	(96100324)	369037.66	3757968.75	2.14741	(96100324)
369100.78	3757878.25	2.36884	(96100324)	369067.19	3757885.25	2.38862	(96100324)
369139.03	3757929.50	2.11592	(96051024)	369210.91	3757973.75	2.06971	(96051024)
369243.25	3757968.25	2.06820	(96061103)	369304.81	3757894.25	2.24718	(96061103)
369366.38	3757820.00	2.48141	(96061103)	369436.44	3757793.50	2.49041	(96061103)
369435.25	3757759.75	2.75682	(96061103)	369250.56	3758016.75	1.97952	(96061103)
369343.91	3758082.50	1.82860	(96061103)	369437.25	3758148.25	1.56997	(96061103)
369429.41	3758217.50	1.45911	(96020206)	369432.19	3758306.25	1.42041	(96020206)
369434.97	3758395.00	1.36557	(96020206)	369459.97	3758419.25	1.34976	(96020206)
369558.25	3758419.25	1.30804	(96020206)	369656.53	3758419.25	1.40501	(96021424)
369754.81	3758419.25	1.49533	(96021424)	369853.09	3758419.25	1.47758	(96021424)
369878.09	3758394.00	1.47978	(96021424)	369877.19	3758288.75	1.58469	(96021424)
369876.31	3758183.25	1.73351	(96021424)	369962.47	3758103.00	1.72480	(96021424)
370074.53	3758103.00	2.09431	(96010924)	370186.59	3758103.00	2.63705	(96010924)
370298.62	3758103.25	2.77218	(96010924)	370323.62	3758078.00	2.84610	(96010924)
370381.38	3757991.00	3.07229	(96010924)	370435.41	3758019.25	3.06918	(96010924)
370499.31	3758049.75	2.97711	(96010924)	370485.19	3758025.25	3.06161	(96010924)
370480.69	3758086.00	2.90161	(96010924)	370505.53	3758112.75	2.82727	(96010924)
370600.72	3758113.25	2.55173	(96010924)	370695.94	3758113.50	2.21546	(96011824)
370791.12	3758113.75	2.46616	(96011824)	370886.34	3758114.00	2.55751	(96011824)
370911.41	3758089.00	2.60222	(96011824)	370910.97	3757976.00	2.83076	(96011824)
370910.53	3757863.25	3.00872	(96011824)	370910.06	3757750.50	3.07001	(96011824)
370930.06	3757711.75	2.92390	(96011824)	370960.91	3757689.25	2.84616	(96053103)
371046.47	3757692.50	3.13785c	(96021303)	371070.81	3757667.50	3.38500c	(96021303)
371071.34	3757585.25	3.85911c	(96021303)	371046.88	3757610.00	3.67153c	(96021303)
371122.22	3757608.50	3.73645c	(96021303)	371099.47	3757595.00	3.81113c	(96021303)
371134.94	3757663.25	3.49755c	(96021303)	371170.41	3757731.75	3.23752c	(96021303)
371239.88	3757782.75	3.08827c	(96021303)	371263.72	3757807.50	3.01789c	(96021303)
371372.38	3757807.25	2.88697c	(96021303)	371385.28	3757826.75	2.84658c	(96021303)
371485.00	3757895.25	2.60936c	(96021303)	371584.72	3757963.75	2.39138c	(96021303)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.19490	(96011321)	371784.16	3758100.75	2.04044	(96011321)
371818.31	3758095.25	2.03071	(96011321)	371873.25	3758021.75	2.21564	(96100806)
371928.19	3757948.50	2.45433	(96100806)	371969.34	3757946.25	2.46578	(96100806)
371989.16	3757923.75	2.51420	(96100806)	371995.12	3757843.25	2.66278	(96100806)
371969.38	3757866.50	2.63675	(96100806)	372022.50	3757868.25	2.60322	(96100806)
372048.31	3757843.00	2.61890	(96100806)	372047.16	3757745.75	2.71043	(96100806)
372046.03	3757648.50	2.73971	(96062303)	372044.88	3757551.25	2.96164	(96062303)
372040.50	3757447.75	3.07897	(96062303)	372036.12	3757345.00	3.05209	(96062303)
372031.75	3757242.00	2.99892	(96100224)	372027.38	3757139.25	2.84059	(96100224)
372002.59	3757115.25	2.84474	(96100224)	371880.53	3757114.25	3.20678	(96100224)
371758.47	3757113.25	3.61137	(96100224)	371636.38	3757112.25	4.05409	(96100224)
371514.31	3757111.25	4.55744	(96062303)	371394.41	3757110.25	5.14445	(96062303)
371274.53	3757109.50	5.65984	(96101124)	371154.62	3757108.50	6.31091	(96101124)
371034.75	3757107.50	6.81928	(96100806)	371059.56	3757132.50	6.61209	(96100806)
371059.44	3757085.25	6.89456	(96101124)	371034.31	3757060.25	7.30414	(96101124)
370944.22	3757060.75	7.83341	(96010321)	370854.12	3757061.25	10.51195	(96011321)
370764.03	3757062.00	12.99718	(96011321)	370789.16	3757086.00	12.25942	(96011321)
370785.78	3756996.25	11.92276	(96011321)	370782.38	3756906.50	12.50981	(96062224)
370778.97	3756816.75	12.60911	(96091624)	370754.94	3756842.75	12.33822	(96090806)
370847.44	3756839.25	10.86904	(96091624)	370939.91	3756835.75	8.58339	(96091624)
371032.41	3756832.25	7.59285	(96090324)	371056.41	3756808.75	7.74229	(96090324)
371058.09	3756781.75	7.93845	(96090324)	371033.69	3756805.25	7.98746	(96090324)
371146.19	3756802.75	6.85550	(96090324)	371258.66	3756800.25	5.84882	(96090324)
371371.16	3756797.75	5.03330	(96090324)	371483.62	3756795.25	4.37622	(96090324)
371595.03	3756793.00	3.84432	(96090324)	371706.41	3756790.50	3.40312	(96090324)
371817.78	3756788.00	3.03356	(96090324)	371932.09	3756785.50	2.71400	(96090324)
372046.38	3756783.00	2.44317	(96090324)	372160.66	3756780.25	2.21134	(96090324)
372274.97	3756777.75	2.01206	(96090324)	372384.72	3756775.50	1.84596	(96090324)
372494.47	3756773.00	1.69992	(96090324)	372604.22	3756770.50	1.57111	(96090324)
372713.97	3756768.00	1.45688	(96090324)	372738.38	3756741.75	1.40303	(96090324)
372732.97	3756646.50	1.29548	(96052203)	372819.62	3756573.75	1.23671	(96052203)
372843.78	3756547.75	1.21340	(96100606)	372839.41	3756453.75	1.19821	(96100606)
372821.25	3756362.50	1.16393	(96100606)	372795.62	3756342.50	1.16480c	(96052103)
372731.31	3756327.75	1.21471c	(96052103)	372707.19	3756351.75	1.22187	(96100606)
372927.97	3756344.00	1.09639	(96100606)	372952.09	3756318.75	1.09629c	(96052103)
372951.22	3756244.75	1.13650c	(96052103)	372926.66	3756270.00	1.13899c	(96052103)
373032.78	3756268.00	1.08610c	(96052103)	373138.88	3756266.25	1.03608c	(96052103)
373245.00	3756264.25	0.98904c	(96052103)	373351.12	3756262.25	0.94474c	(96052103)
373457.25	3756260.50	0.90289c	(96052103)	373481.81	3756235.00	0.90646c	(96052103)
373480.34	3756122.50	0.93948c	(96052103)	373478.88	3756009.75	0.92918c	(96052103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.87811c	(96052103)	373475.94	3755784.50	0.79376c	(96052103)
373474.47	3755672.00	0.79834	(96010203)	373473.00	3755559.25	0.86437	(96010203)
373447.00	3755534.75	0.88586	(96010203)	373334.22	3755539.25	0.93464	(96010203)
373221.47	3755543.75	0.98302	(96010203)	373197.47	3755568.25	0.98925	(96010203)
373195.91	3755636.25	0.96761	(96010203)	373194.34	3755704.50	0.92997	(96010203)
373219.59	3755680.00	0.93128	(96010203)	373134.91	3755679.00	0.97997	(96010203)
373159.66	3755703.50	0.95097	(96010203)	373157.94	3755634.75	0.98833	(96010203)
373156.22	3755566.00	1.00824	(96010203)	373132.47	3755541.75	1.02044	(96010203)
373055.34	3755537.75	1.05020	(96010203)	373079.06	3755562.25	1.04192	(96010203)
373077.12	3755465.00	1.03136	(96010106)	373075.16	3755368.00	1.00090	(96010106)
373073.19	3755270.75	0.93977	(96010106)	373071.22	3755173.50	0.85568	(96012524)
373046.00	3755149.00	0.85251	(96012524)	372939.09	3755150.00	0.86689	(96012524)
372832.16	3755151.00	0.87319	(96012524)	372725.25	3755152.00	0.86981	(96012524)
372622.81	3755157.25	0.86526	(96020224)	372527.31	3755158.00	0.95656	(96062306)
372430.69	3755159.00	1.06308	(96062306)	372334.09	3755159.75	1.17869	(96032606)
372237.47	3755160.50	1.29456	(96032606)	372138.81	3755161.25	1.40956	(96032606)
372040.12	3755162.25	1.51821	(96032606)	371941.47	3755163.00	1.61833	(96032606)
371842.78	3755163.75	1.70889	(96032606)	371747.72	3755164.50	1.78746	(96032606)
371652.69	3755165.25	1.85867	(96032606)	371557.62	3755166.25	1.92329	(96032606)
371462.59	3755167.00	1.97851	(96032606)	371359.16	3755167.75	2.01917	(96032606)
371255.72	3755168.75	2.30837	(96051203)	371152.25	3755169.50	2.70460	(96051203)
371048.81	3755170.50	3.03266	(96051203)	371024.06	3755196.50	3.14208	(96051203)
371027.69	3755273.25	3.26321	(96051203)	371031.34	3755350.25	3.35802	(96051203)
371019.94	3755375.50	3.44502	(96051203)	371017.91	3755470.00	3.55532	(96051203)
371017.38	3755556.25	3.57008	(96051203)	371040.31	3755531.50	3.38901	(96051203)
371025.97	3755420.25	3.46364	(96051203)	371015.62	3755399.00	3.49710	(96051203)
370915.81	3755327.25	3.74797	(96051203)	370816.03	3755255.25	3.60359	(96051203)
370736.56	3755243.75	3.39741	(96051203)	370669.19	3755237.00	3.07798	(96051203)
370571.06	3755237.25	2.90521	(96021106)	370475.62	3755237.75	3.16741	(96021106)
370380.12	3755238.25	3.19561	(96021106)	370278.66	3755239.00	2.83030	(96021106)
370177.19	3755239.50	2.34499	(96021106)	370075.72	3755240.00	1.91242	(96010121)
369979.41	3755240.50	2.02332	(96020703)	369883.09	3755241.00	2.04500	(96022809)
369786.78	3755241.50	2.06766c	(96011124)	369690.47	3755242.00	1.98048	(96010103)
369594.16	3755242.75	2.42214	(96010103)	369497.88	3755243.25	3.08499	(96020306)
369396.38	3755243.75	3.87807	(96020306)	369294.91	3755244.25	4.27903	(96020306)
369193.44	3755244.75	4.16284	(96020306)	369091.97	3755245.25	3.63230	(96020306)
368990.50	3755246.00	2.89835	(96020306)	368889.03	3755246.50	2.24890	(96041103)
368782.41	3755247.00	2.41874	(96041103)	368675.78	3755247.50	2.52037	(96041103)
368569.12	3755248.25	2.55756	(96041103)	368471.00	3755248.75	2.54056	(96041103)
368372.84	3755249.25	2.48304	(96041103)	368274.69	3755249.75	2.39348	(96041103)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	2.26929	(96041103)	368053.72	3755209.25	2.21369	(96052806)
367940.91	3755188.50	2.15917	(96052806)	367824.03	3755184.75	2.09656	(96052806)
367710.84	3755181.25	2.01223	(96052806)	367597.62	3755177.50	1.91132	(96052806)
367484.44	3755174.00	1.79962	(96052806)	367460.69	3755189.25	1.76381	(96052806)
367415.00	3755295.25	1.59650	(96052806)	367369.31	3755401.25	1.66979	(96012906)
367323.59	3755507.25	1.71506	(96012906)	367483.66	3755199.00	1.78149	(96052806)
367300.88	3755623.25	1.71744	(96012906)	367114.28	3756056.25	1.50336	(96010806)
366984.53	3756357.50	1.86310	(96010806)	366852.91	3756663.00	1.65366	(96010806)
366902.28	3756692.00	1.64547	(96010806)	366875.53	3756760.00	1.53295	(96010806)
366812.69	3756738.50	1.53271	(96010806)	366677.25	3757024.50	1.39102	(96101003)
366536.22	3757322.00	1.18261	(96101003)	366437.28	3757530.75	1.00567	(96041406)
366486.94	3757537.25	1.01191	(96041406)	366623.91	3757468.00	1.08209	(96041406)
366644.38	3757530.75	1.04676	(96041406)	366777.06	3757519.75	1.08027	(96041406)
366998.56	3757642.25	1.03906	(96102306)	367174.25	3757739.50	1.09771	(96102306)
367290.72	3757694.25	1.15100	(96102306)	367412.66	3757694.75	1.19266	(96102306)
367409.81	3757735.75	1.17045	(96102306)	367517.78	3757796.25	1.14705	(96102306)
367539.25	3757802.00	1.14408	(96102306)	367609.12	3757676.75	1.26290	(96102306)
367769.06	3757644.25	1.33144	(96102306)	367774.81	3757718.50	1.25387	(96102306)
367809.47	3757834.50	1.28965	(96101906)	367807.06	3757935.50	1.30344	(96101906)
367774.94	3757958.50	1.28140	(96101906)	367798.12	3758011.00	1.29493	(96101906)
367914.41	3757961.50	1.37769	(96101906)	367904.53	3757930.25	1.37439	(96101906)
368108.69	3757840.25	1.54335	(96101906)	368232.75	3757790.25	1.66086	(96101906)
368308.88	3757761.50	1.73879	(96101906)	368603.38	3757765.00	2.21613	(96100324)
368603.84	3757718.50	2.19267	(96100324)	368769.72	3757798.50	2.49610	(96100324)
369017.16	3757954.25	2.22143	(96100324)	369080.28	3757864.00	2.44648	(96100324)
369224.00	3757952.25	2.10982	(96051024)	369408.72	3757730.00	2.82772	(96061103)
369454.22	3757776.00	2.54409	(96061103)	369264.97	3757996.50	2.01584	(96061103)
369451.62	3758128.00	1.59274	(96061103)	369459.97	3758394.25	1.36979	(96020206)
369853.09	3758394.25	1.49976	(96021424)	369850.44	3758078.00	1.88916	(96021424)
370298.62	3758078.25	2.81697	(96010924)	370297.53	3757962.75	3.04926	(96010924)
370382.34	3757966.00	3.12837	(96010924)	370510.12	3758027.25	3.01018	(96010924)
370505.62	3758087.75	2.87924	(96010924)	370886.41	3758089.00	2.61391	(96011824)
370885.06	3757750.50	3.24751	(96011824)	370907.31	3757701.50	3.07228	(96011824)
370944.91	3757670.00	2.92517	(96053103)	371045.81	3757667.50	3.28833c	(96021303)
371046.34	3757585.00	3.83119c	(96021303)	371121.66	3757583.50	3.83907c	(96021303)
371192.59	3757720.25	3.28542c	(96021303)	371253.97	3757762.25	3.13724c	(96021303)
371263.66	3757782.50	3.08139c	(96021303)	371372.34	3757782.25	2.90508	(96011321)
371399.44	3757806.25	2.82615c	(96021303)	371798.31	3758080.25	2.06313	(96011321)
371908.19	3757933.50	2.48823	(96100806)	371964.22	3757921.75	2.52200	(96100806)
371970.19	3757841.50	2.68282	(96100806)	372023.31	3757843.25	2.64065	(96100806)

*** THE 1ST HIGHEST 3-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	2.98618	(96062303)	372002.41	3757140.25	2.91149	(96100224)
371514.12	3757136.25	4.59818	(96062303)	371034.56	3757132.50	6.75180	(96100806)
371034.44	3757085.25	6.93573	(96101124)	370764.19	3757087.00	12.25174	(96011321)
370754.00	3756817.75	12.95206	(96091624)	371031.47	3756807.25	7.98699	(96090324)
371033.12	3756780.25	8.25749	(96090324)	371483.09	3756770.25	4.33494	(96090324)
371817.25	3756763.00	2.98477	(96090324)	372274.41	3756752.75	1.97319	(96090324)
372713.41	3756743.00	1.42757	(96090324)	372702.62	3756552.50	1.30809	(96100606)
372818.81	3756548.75	1.22931	(96100606)	372814.44	3756455.00	1.21387	(96100606)
372796.75	3756367.50	1.18084	(96100606)	372704.81	3756371.50	1.23776	(96100606)
372706.31	3756326.75	1.23065c	(96052103)	372927.09	3756319.25	1.10927c	(96052103)
372926.22	3756245.00	1.14903c	(96052103)	373456.81	3756235.50	0.91588c	(96052103)
373448.00	3755559.75	0.87576	(96010203)	373222.47	3755568.75	0.97768	(96010203)
373219.34	3755705.00	0.91507	(96010203)	373134.66	3755704.00	0.96540	(96010203)
373131.22	3755566.75	1.01920	(96010203)	373054.09	3755562.75	1.05226	(96010203)
373046.22	3755174.00	0.86091	(96012524)	372725.47	3755177.00	0.88995	(96012524)
372624.12	3755182.25	0.88449	(96012524)	372237.69	3755185.50	1.27820	(96032606)
371843.00	3755188.75	1.71643	(96032606)	371462.81	3755192.00	2.00260	(96032606)
371049.03	3755195.50	3.07137	(96051203)	371056.31	3755349.00	3.23695	(96051203)
371043.41	3755384.00	3.33401	(96051203)	371042.38	3755556.25	3.34697	(96051203)
370995.81	3755560.25	3.75485	(96051203)	371001.00	3755419.25	3.60222	(96051203)
370801.41	3755275.50	3.68447	(96051203)	370666.66	3755261.75	3.18336	(96051203)
370380.28	3755263.25	3.30711	(96021106)	370075.88	3755265.00	1.93471	(96010121)
369786.91	3755266.50	2.10617c	(96011124)	369498.00	3755268.25	3.26715	(96020306)
369193.59	3755269.75	4.14501	(96020306)	368889.16	3755271.50	2.34083	(96041103)
368569.28	3755273.25	2.60620	(96041103)	368274.84	3755274.75	2.39983	(96041103)
367936.44	3755213.25	2.17886	(96052806)				

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.16531	(96101124)	372498.53	3757611.75	1.03025	(96101124)
372248.53	3757861.75	0.99863	(96101124)	372498.53	3757861.75	0.98089	(96101124)
372248.53	3758111.75	0.88213	(96010324)	372498.53	3758111.75	0.83044c	(96100808)
372248.53	3758361.75	0.78199	(96011324)	372498.53	3758361.75	0.74030	(96010324)
373792.78	3755334.75	0.29628c	(96010208)	374092.78	3755334.75	0.25804c	(96010208)
373792.78	3755709.75	0.23551	(96100824)	374092.78	3755709.75	0.21932	(96100824)
373792.78	3756084.75	0.29657	(96100824)	374092.78	3756084.75	0.27496c	(96100608)
373792.78	3756459.75	0.38670c	(96100608)	374092.78	3756459.75	0.35212c	(96100608)
373792.78	3756834.75	0.43169c	(96100608)	374092.78	3756834.75	0.38957c	(96100608)
373792.78	3757209.75	0.41806c	(96100608)	374092.78	3757209.75	0.38045c	(96100608)
373792.78	3757584.75	0.45609c	(96100524)	374092.78	3757584.75	0.39183	(96100224)
373792.78	3757959.75	0.56927	(96101124)	374092.78	3757959.75	0.48509	(96101124)
373792.78	3758334.75	0.60454	(96101124)	374092.78	3758334.75	0.54676	(96101124)
373792.78	3758709.75	0.53558	(96101124)	374092.78	3758709.75	0.51841	(96101124)
370479.03	3756653.75	10.72474c	(96080616)	367277.91	3755613.50	0.75711c	(96012708)
367231.25	3755721.75	0.79081c	(96012708)	367184.62	3755830.00	0.80088c	(96012708)
367137.97	3755938.25	0.78874c	(96012708)	367091.34	3756046.50	0.75809c	(96012708)
367048.09	3756146.75	0.71727c	(96012708)	367004.81	3756247.25	0.70533c	(96022408)
366961.56	3756347.50	0.69284	(96010808)	366917.69	3756449.50	0.68500	(96010808)
366873.81	3756551.25	0.65983	(96010808)	366829.94	3756653.00	0.62217	(96010808)
366840.22	3756684.50	0.61534c	(96042308)	366889.59	3756713.50	0.62574c	(96042308)
366879.00	3756682.75	0.62403c	(96042308)	366852.25	3756751.00	0.62115c	(96020408)
366883.62	3756736.50	0.62503c	(96020408)	366820.78	3756715.00	0.61384c	(96020408)
366790.12	3756728.00	0.61062c	(96020408)	366744.97	3756823.25	0.60399c	(96020408)
366699.81	3756918.50	0.58258c	(96020408)	366654.66	3757013.75	0.54921c	(96020408)
366607.66	3757113.00	0.51600	(96101008)	366560.62	3757212.00	0.49019	(96101008)
366513.62	3757311.25	0.46867c	(96010208)	366464.16	3757415.75	0.45539c	(96010208)
366414.69	3757520.00	0.43115c	(96010208)	366434.03	3757555.50	0.42184c	(96010208)
366483.69	3757562.00	0.42096c	(96010208)	366566.69	3757525.00	0.43499c	(96010208)
366620.62	3757538.50	0.43154c	(96010208)	366646.41	3757555.50	0.42545c	(96010208)
366712.75	3757550.25	0.42775c	(96010208)	366779.09	3757544.75	0.43299c	(96021808)
366838.81	3757582.50	0.44586c	(96021808)	366912.62	3757623.25	0.46088c	(96021808)
366986.47	3757664.25	0.47492c	(96021808)	367074.31	3757712.75	0.48986c	(96021808)
367162.16	3757761.25	0.50223c	(96021808)	367299.75	3757717.75	0.53351c	(96021808)
367384.88	3757734.00	0.54799c	(96021808)	367397.59	3757757.50	0.54636c	(96021808)
367505.56	3757818.00	0.55144c	(96021808)	367532.81	3757826.00	0.55340c	(96021808)
367561.06	3757814.00	0.56108c	(96021808)	367596.03	3757751.50	0.58426c	(96021808)
367630.97	3757689.00	0.60690c	(96021808)	367694.09	3757685.00	0.62119c	(96021808)
367749.88	3757720.50	0.62153c	(96021808)	367785.50	3757841.75	0.58009c	(96021808)
367782.09	3757935.00	0.53755c	(96021808)	367752.06	3757968.50	0.52071c	(96021808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.49578c	(96021808)	367807.91	3758034.00	0.48902c	(96021808)
367866.06	3758009.25	0.50069c	(96021808)	367924.19	3757984.50	0.51272c	(96021808)
367938.25	3757954.00	0.52978c	(96021808)	367928.38	3757922.75	0.54755c	(96021808)
367914.62	3757953.25	0.53053c	(96021808)	368016.69	3757908.25	0.55546c	(96021808)
368118.78	3757863.25	0.58205c	(96021808)	368180.06	3757838.50	0.59719c	(96021808)
368242.09	3757813.50	0.61292c	(96021808)	368317.75	3757784.75	0.63118c	(96021808)
368406.72	3757787.75	0.61882c	(96021808)	368504.88	3757788.75	0.59993c	(96021808)
368603.06	3757790.00	0.63859	(96020924)	368628.38	3757765.25	0.64672	(96020924)
368675.91	3757781.00	0.67907	(96020924)	368758.84	3757821.00	0.73368	(96020924)
368838.88	3757871.50	0.77745	(96020924)	368921.38	3757923.50	0.81006	(96020924)
369003.84	3757975.50	0.83081	(96020924)	369037.66	3757968.75	0.84705	(96020924)
369100.78	3757878.25	0.91072	(96020924)	369067.19	3757885.25	0.89134	(96020924)
369139.03	3757929.50	0.90572	(96020924)	369210.91	3757973.75	0.91122	(96020924)
369243.25	3757968.25	0.92599	(96020924)	369304.81	3757894.25	0.99627	(96020924)
369366.38	3757820.00	1.07655	(96020924)	369436.44	3757793.50	1.13374	(96020924)
369435.25	3757759.75	1.15993	(96020924)	369250.56	3758016.75	0.89907	(96020924)
369343.91	3758082.50	0.87693	(96020924)	369437.25	3758148.25	0.82779	(96020924)
369429.41	3758217.50	0.77487	(96020924)	369432.19	3758306.25	0.71012	(96020924)
369434.97	3758395.00	0.65005	(96020924)	369459.97	3758419.25	0.62785	(96020924)
369558.25	3758419.25	0.59335	(96020924)	369656.53	3758419.25	0.54725	(96020924)
369754.81	3758419.25	0.49236	(96020924)	369853.09	3758419.25	0.47896	(96092824)
369878.09	3758394.00	0.49163	(96092824)	369877.19	3758288.75	0.50832	(96092824)
369876.31	3758183.25	0.56458	(96020924)	369962.47	3758103.00	0.58365	(96092824)
370074.53	3758103.00	0.59060	(96092824)	370186.59	3758103.00	0.58775	(96040524)
370298.62	3758103.25	0.62155	(96040524)	370323.62	3758078.00	0.63797	(96040524)
370381.38	3757991.00	0.69366	(96040524)	370435.41	3758019.25	0.67688	(96040524)
370499.31	3758049.75	0.65261	(96040524)	370485.19	3758025.25	0.67398	(96040524)
370480.69	3758086.00	0.62797	(96040524)	370505.53	3758112.75	0.61122	(96040524)
370600.72	3758113.25	0.60263c	(96043024)	370695.94	3758113.50	0.62820c	(96043024)
370791.12	3758113.75	0.65258	(96092408)	370886.34	3758114.00	0.67380	(96092408)
370911.41	3758089.00	0.68615	(96092408)	370910.97	3757976.00	0.73721	(96092408)
370910.53	3757863.25	0.83351	(96021724)	370910.06	3757750.50	1.01588	(96021724)
370930.06	3757711.75	1.11323	(96021724)	370960.91	3757689.25	1.19452	(96021724)
371046.47	3757692.50	1.25899	(96021724)	371070.81	3757667.50	1.32359	(96021724)
371071.34	3757585.25	1.50780	(96021724)	371046.88	3757610.00	1.44811	(96021724)
371122.22	3757608.50	1.44740	(96021724)	371099.47	3757595.00	1.48141	(96021724)
371134.94	3757663.25	1.33812	(96021724)	371170.41	3757731.75	1.21609	(96021724)
371239.88	3757782.75	1.13438	(96021724)	371263.72	3757807.50	1.09849	(96021724)
371372.38	3757807.25	1.06808	(96021724)	371385.28	3757826.75	1.04393	(96021724)
371485.00	3757895.25	0.97250	(96010324)	371584.72	3757963.75	0.94938	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.92413	(96011324)	371784.16	3758100.75	0.89591	(96011324)
371818.31	3758095.25	0.91225	(96011324)	371873.25	3758021.75	0.98942	(96010324)
371928.19	3757948.50	1.04615	(96010324)	371969.34	3757946.25	1.03821	(96010324)
371989.16	3757923.75	1.04457	(96010324)	371995.12	3757843.25	1.07544	(96010324)
371969.38	3757866.50	1.07932	(96010324)	372022.50	3757868.25	1.05331	(96010324)
372048.31	3757843.00	1.04597	(96010324)	372047.16	3757745.75	1.10459	(96101124)
372046.03	3757648.50	1.21010	(96101124)	372044.88	3757551.25	1.28170	(96101124)
372040.50	3757447.75	1.30828	(96101124)	372036.12	3757345.00	1.27275	(96101124)
372031.75	3757242.00	1.17949c	(96100524)	372027.38	3757139.25	1.13925c	(96100524)
372002.59	3757115.25	1.14386c	(96100524)	371880.53	3757114.25	1.28399	(96090808)
371758.47	3757113.25	1.47385	(96090808)	371636.38	3757112.25	1.69566	(96090808)
371514.31	3757111.25	1.95024	(96090808)	371394.41	3757110.25	2.22611	(96090808)
371274.53	3757109.50	2.51031	(96090808)	371154.62	3757108.50	2.76213	(96090808)
371034.75	3757107.50	3.14740	(96092324)	371059.56	3757132.50	3.00932	(96092324)
371059.44	3757085.25	3.01380	(96090808)	371034.31	3757060.25	3.19346	(96090808)
370944.22	3757060.75	3.67557	(96092324)	370854.12	3757061.25	4.05765	(96092324)
370764.03	3757062.00	4.13824	(96031124)	370789.16	3757086.00	3.81645	(96092324)
370785.78	3756996.25	4.61246	(96031124)	370782.38	3756906.50	4.96874	(96090724)
370778.97	3756816.75	4.95406	(96091224)	370754.94	3756842.75	5.22652	(96090724)
370847.44	3756839.25	4.15158	(96052624)	370939.91	3756835.75	3.75357	(96061624)
371032.41	3756832.25	3.39871	(96061624)	371056.41	3756808.75	3.27836	(96061624)
371058.09	3756781.75	3.20210	(96092624)	371033.69	3756805.25	3.38004	(96061624)
371146.19	3756802.75	2.83640	(96061624)	371258.66	3756800.25	2.36362	(96061624)
371371.16	3756797.75	1.98448	(96061624)	371483.62	3756795.25	1.69462	(96092624)
371595.03	3756793.00	1.48075	(96092624)	371706.41	3756790.50	1.30543	(96092624)
371817.78	3756788.00	1.15997	(96092624)	371932.09	3756785.50	1.04602	(96100824)
372046.38	3756783.00	0.95512	(96100824)	372160.66	3756780.25	0.87598	(96100824)
372274.97	3756777.75	0.82064c	(96100608)	372384.72	3756775.50	0.77532c	(96100608)
372494.47	3756773.00	0.73378c	(96100608)	372604.22	3756770.50	0.69565c	(96100608)
372713.97	3756768.00	0.66056c	(96100608)	372738.38	3756741.75	0.64984c	(96100608)
372732.97	3756646.50	0.63223c	(96100608)	372819.62	3756573.75	0.58802c	(96100608)
372843.78	3756547.75	0.57364c	(96100608)	372839.41	3756453.75	0.53931c	(96100608)
372821.25	3756362.50	0.51756	(96100824)	372795.62	3756342.50	0.51896	(96100824)
372731.31	3756327.75	0.53204	(96100824)	372707.19	3756351.75	0.54644	(96100824)
372927.97	3756344.00	0.48552	(96100824)	372952.09	3756318.75	0.47361	(96100824)
372951.22	3756244.75	0.45438	(96100824)	372926.66	3756270.00	0.46665	(96100824)
373032.78	3756268.00	0.44350	(96100824)	373138.88	3756266.25	0.42208	(96100824)
373245.00	3756264.25	0.40211	(96100824)	373351.12	3756262.25	0.38650c	(96100608)
373457.25	3756260.50	0.37438c	(96100608)	373481.81	3756235.00	0.36364c	(96100608)
373480.34	3756122.50	0.33927	(96100824)	373478.88	3756009.75	0.31767	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.29425	(96100824)	373475.94	3755784.50	0.26940	(96100824)
373474.47	3755672.00	0.27016c	(96010208)	373473.00	3755559.25	0.30355c	(96010208)
373447.00	3755534.75	0.31361c	(96010208)	373334.22	3755539.25	0.33139c	(96010208)
373221.47	3755543.75	0.34900c	(96010208)	373197.47	3755568.25	0.34887c	(96010208)
373195.91	3755636.25	0.33401c	(96010208)	373194.34	3755704.50	0.31349c	(96010208)
373219.59	3755680.00	0.31651c	(96010208)	373134.91	3755679.00	0.33388c	(96010208)
373159.66	3755703.50	0.32098c	(96010208)	373157.94	3755634.75	0.34164c	(96010208)
373156.22	3755566.00	0.35612c	(96010208)	373132.47	3755541.75	0.36316c	(96010208)
373055.34	3755537.75	0.37471c	(96010208)	373079.06	3755562.25	0.36898c	(96010208)
373077.12	3755465.00	0.37335c	(96010208)	373075.16	3755368.00	0.36400c	(96010208)
373073.19	3755270.75	0.34313c	(96010208)	373071.22	3755173.50	0.37099c	(96091908)
373046.00	3755149.00	0.38738c	(96091908)	372939.09	3755150.00	0.42819c	(96091908)
372832.16	3755151.00	0.47310c	(96091908)	372725.25	3755152.00	0.52191c	(96091908)
372622.81	3755157.25	0.57070c	(96091908)	372527.31	3755158.00	0.61966c	(96091908)
372430.69	3755159.00	0.67042c	(96091908)	372334.09	3755159.75	0.72091c	(96091908)
372237.47	3755160.50	0.76911c	(96091908)	372138.81	3755161.25	0.81330c	(96091908)
372040.12	3755162.25	0.84925c	(96091908)	371941.47	3755163.00	0.87314c	(96091908)
371842.78	3755163.75	0.88121c	(96091908)	371747.72	3755164.50	0.87078c	(96091908)
371652.69	3755165.25	0.84025c	(96091908)	371557.62	3755166.25	0.78907c	(96091908)
371462.59	3755167.00	0.71796c	(96091908)	371359.16	3755167.75	0.71167	(96012208)
371255.72	3755168.75	0.73623	(96012208)	371152.25	3755169.50	0.86728c	(96051208)
371048.81	3755170.50	0.98153c	(96051208)	371024.06	3755196.50	1.00532c	(96051208)
371027.69	3755273.25	1.00394c	(96051208)	371031.34	3755350.25	0.98549c	(96051208)
371019.94	3755375.50	0.99501c	(96051208)	371017.91	3755470.00	0.97970	(96012208)
371017.38	3755556.25	1.05961	(96012208)	371040.31	3755531.50	1.03007	(96012208)
371025.97	3755420.25	0.96684c	(96051208)	371015.62	3755399.00	0.99361c	(96051208)
370915.81	3755327.25	1.11302c	(96051208)	370816.03	3755255.25	1.07403c	(96051208)
370736.56	3755243.75	0.98156c	(96051208)	370669.19	3755237.00	0.90742c	(96021108)
370571.06	3755237.25	1.05369c	(96021108)	370475.62	3755237.75	1.14299c	(96021108)
370380.12	3755238.25	1.14055c	(96021108)	370278.66	3755239.00	1.12860	(96030608)
370177.19	3755239.50	1.09824	(96030608)	370075.72	3755240.00	1.02473	(96030608)
369979.41	3755240.50	0.92292	(96030608)	369883.09	3755241.00	0.81327c	(96022808)
369786.78	3755241.50	0.84593c	(96012608)	369690.47	3755242.00	0.91978c	(96012608)
369594.16	3755242.75	0.95349c	(96012608)	369497.88	3755243.25	0.92785c	(96012608)
369396.38	3755243.75	0.84056c	(96012608)	369294.91	3755244.25	0.77379	(96042108)
369193.44	3755244.75	0.80185c	(96020308)	369091.97	3755245.25	0.74574c	(96020308)
368990.50	3755246.00	0.68731c	(96021224)	368889.03	3755246.50	0.65798c	(96021224)
368782.41	3755247.00	0.67810c	(96091808)	368675.78	3755247.50	0.70140c	(96091808)
368569.12	3755248.25	0.71523c	(96012908)	368471.00	3755248.75	0.71858c	(96091808)
368372.84	3755249.25	0.71516c	(96091808)	368274.69	3755249.75	0.70557c	(96091808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.68032c	(96091808)	368053.72	3755209.25	0.65284c	(96091808)
367940.91	3755188.50	0.62466c	(96091808)	367824.03	3755184.75	0.59923c	(96091808)
367710.84	3755181.25	0.57305c	(96091808)	367597.62	3755177.50	0.54601c	(96091808)
367484.44	3755174.00	0.51880c	(96091808)	367460.69	3755189.25	0.51778	(96011208)
367415.00	3755295.25	0.55417	(96011208)	367369.31	3755401.25	0.63211c	(96012708)
367323.59	3755507.25	0.70274c	(96012708)	367483.66	3755199.00	0.52285	(96011208)
367300.88	3755623.25	0.76438c	(96012708)	367114.28	3756056.25	0.76314c	(96012708)
366984.53	3756357.50	0.69821	(96010808)	366852.91	3756663.00	0.62323	(96010808)
366902.28	3756692.00	0.62920c	(96042308)	366875.53	3756760.00	0.62485c	(96020408)
366812.69	3756738.50	0.61469c	(96020408)	366677.25	3757024.50	0.54737c	(96020408)
366536.22	3757322.00	0.47073c	(96010208)	366437.28	3757530.75	0.42915c	(96010208)
366486.94	3757537.25	0.42889c	(96010208)	366623.91	3757468.00	0.45419c	(96010208)
366644.38	3757530.75	0.43473c	(96010208)	366777.06	3757519.75	0.44048c	(96010208)
366998.56	3757642.25	0.47769c	(96021808)	367174.25	3757739.50	0.50673c	(96021808)
367290.72	3757694.25	0.53439c	(96021808)	367412.66	3757694.75	0.55971c	(96021808)
367409.81	3757735.75	0.55255c	(96021808)	367517.78	3757796.25	0.55906c	(96021808)
367539.25	3757802.00	0.56103c	(96021808)	367609.12	3757676.75	0.60503c	(96021808)
367769.06	3757644.25	0.64879c	(96021808)	367774.81	3757718.50	0.62676c	(96021808)
367809.47	3757834.50	0.58566c	(96021808)	367807.06	3757935.50	0.53830c	(96021808)
367774.94	3757958.50	0.52614c	(96021808)	367798.12	3758011.00	0.50078c	(96021808)
367914.41	3757961.50	0.52593c	(96021808)	367904.53	3757930.25	0.54324c	(96021808)
368108.69	3757840.25	0.59780c	(96021808)	368232.75	3757790.25	0.63122c	(96021808)
368308.88	3757761.50	0.65119c	(96021808)	368603.38	3757765.00	0.63181	(96020924)
368603.84	3757718.50	0.65264c	(96021808)	368769.72	3757798.50	0.73796	(96020924)
369017.16	3757954.25	0.84387	(96020924)	369080.28	3757864.00	0.90551	(96020924)
369224.00	3757952.25	0.92825	(96020924)	369408.72	3757730.00	1.16479	(96020924)
369454.22	3757776.00	1.15802	(96020924)	369264.97	3757996.50	0.91602	(96020924)
369451.62	3758128.00	0.84297	(96020924)	369459.97	3758394.25	0.64394	(96020924)
369853.09	3758394.25	0.48260	(96092824)	369850.44	3758078.00	0.67733	(96020924)
370298.62	3758078.25	0.63399	(96040524)	370297.53	3757962.75	0.69961	(96052424)
370382.34	3757966.00	0.71039	(96040524)	370510.12	3758027.25	0.66438	(96040524)
370505.62	3758087.75	0.62614	(96040524)	370886.41	3758089.00	0.68541	(96092408)
370885.06	3757750.50	0.98651	(96021724)	370907.31	3757701.50	1.10772	(96021724)
370944.91	3757670.00	1.22041	(96021724)	371045.81	3757667.50	1.31288	(96021724)
371046.34	3757585.00	1.50860	(96021724)	371121.66	3757583.50	1.49896	(96021724)
371192.59	3757720.25	1.23267	(96021724)	371253.97	3757762.25	1.15969	(96021724)
371263.66	3757782.50	1.13081	(96021724)	371372.34	3757782.25	1.09266	(96021724)
371399.44	3757806.25	1.05705	(96021724)	371798.31	3758080.25	0.92015	(96011324)
371908.19	3757933.50	1.06050	(96010324)	371964.22	3757921.75	1.05384	(96010324)
371970.19	3757841.50	1.08895	(96010324)	372023.31	3757843.25	1.06012	(96010324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.29199	(96101124)	372002.41	3757140.25	1.16403c	(96100524)
371514.12	3757136.25	1.94694	(96090808)	371034.56	3757132.50	3.12579	(96092324)
371034.44	3757085.25	3.14689	(96092324)	370764.19	3757087.00	3.82847	(96031124)
370754.00	3756817.75	5.23686	(96091224)	371031.47	3756807.25	3.39302	(96061624)
371033.12	3756780.25	3.34315	(96092624)	371483.09	3756770.25	1.70155	(96092624)
371817.25	3756763.00	1.16010	(96100824)	372274.41	3756752.75	0.81768c	(96100608)
372713.41	3756743.00	0.65751c	(96100608)	372702.62	3756552.50	0.61091c	(96100608)
372818.81	3756548.75	0.58001c	(96100608)	372814.44	3756455.00	0.54512c	(96100608)
372796.75	3756367.50	0.52559	(96100824)	372704.81	3756371.50	0.55320	(96100824)
372706.31	3756326.75	0.53868	(96100824)	372927.09	3756319.25	0.47958	(96100824)
372926.22	3756245.00	0.45974	(96100824)	373456.81	3756235.50	0.36631c	(96100608)
373448.00	3755559.75	0.30772c	(96010208)	373222.47	3755568.75	0.34454c	(96010208)
373219.34	3755705.00	0.30821c	(96010208)	373134.66	3755704.00	0.32599c	(96010208)
373131.22	3755566.75	0.36009c	(96010208)	373054.09	3755562.75	0.37276c	(96010208)
373046.22	3755174.00	0.37977c	(96091908)	372725.47	3755177.00	0.51410c	(96091908)
372624.12	3755182.25	0.56279c	(96091908)	372237.69	3755185.50	0.76894c	(96091908)
371843.00	3755188.75	0.89872c	(96091908)	371462.81	3755192.00	0.74970c	(96091908)
371049.03	3755195.50	0.98264c	(96051208)	371056.31	3755349.00	0.94754c	(96051208)
371043.41	3755384.00	0.95398c	(96051208)	371042.38	3755556.25	1.05042	(96012208)
370995.81	3755560.25	1.06956	(96012208)	371001.00	3755419.25	1.00980c	(96051208)
370801.41	3755275.50	1.08077c	(96051208)	370666.66	3755261.75	0.91662c	(96021108)
370380.28	3755263.25	1.16487c	(96021108)	370075.88	3755265.00	1.04141	(96030608)
369786.91	3755266.50	0.86141c	(96012608)	369498.00	3755268.25	0.92550c	(96012608)
369193.59	3755269.75	0.79822c	(96020308)	368889.16	3755271.50	0.67107c	(96091808)
368569.28	3755273.25	0.73539c	(96091808)	368274.84	3755274.75	0.71852c	(96091808)
367936.44	3755213.25	0.63047c	(96091808)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.64882	(96101124)	372498.53	3757611.75	1.44209	(96101124)
372248.53	3757861.75	1.70477c	(96100808)	372498.53	3757861.75	1.42565c	(96100808)
372248.53	3758111.75	1.55382c	(96100808)	372498.53	3758111.75	1.44506c	(96100808)
372248.53	3758361.75	1.23949c	(96100808)	372498.53	3758361.75	1.28254c	(96100808)
373792.78	3755334.75	0.48085c	(96010208)	374092.78	3755334.75	0.41784c	(96010208)
373792.78	3755709.75	0.37194c	(96010208)	374092.78	3755709.75	0.34911c	(96052108)
373792.78	3756084.75	0.42583c	(96052108)	374092.78	3756084.75	0.38316c	(96052108)
373792.78	3756459.75	0.52265c	(96100608)	374092.78	3756459.75	0.46610c	(96100608)
373792.78	3756834.75	0.57789c	(96100608)	374092.78	3756834.75	0.51137c	(96100608)
373792.78	3757209.75	0.54906c	(96100608)	374092.78	3757209.75	0.49182c	(96100608)
373792.78	3757584.75	0.60017	(96101124)	374092.78	3757584.75	0.50037	(96100224)
373792.78	3757959.75	0.73762	(96101124)	374092.78	3757959.75	0.63186	(96101124)
373792.78	3758334.75	0.73727	(96101124)	374092.78	3758334.75	0.66910	(96101124)
373792.78	3758709.75	0.78151c	(96100808)	374092.78	3758709.75	0.66520c	(96100808)
370479.03	3756653.75	20.18251c	(96011916)	367277.91	3755613.50	1.08612c	(96012708)
367231.25	3755721.75	1.11384c	(96012708)	367184.62	3755830.00	1.11002c	(96012708)
367137.97	3755938.25	1.07743c	(96012708)	367091.34	3756046.50	1.08156	(96010808)
367048.09	3756146.75	1.14968	(96010808)	367004.81	3756247.25	1.18496	(96010808)
366961.56	3756347.50	1.18633	(96010808)	366917.69	3756449.50	1.15571	(96010808)
366873.81	3756551.25	1.09826	(96010808)	366829.94	3756653.00	1.11168c	(96020408)
366840.22	3756684.50	1.12348c	(96020408)	366889.59	3756713.50	1.14798c	(96020408)
366879.00	3756682.75	1.13862c	(96020408)	366852.25	3756751.00	1.13529c	(96020408)
366883.62	3756736.50	1.14747c	(96020408)	366820.78	3756715.00	1.12064c	(96020408)
366790.12	3756728.00	1.10997c	(96020408)	366744.97	3756823.25	1.08818c	(96020408)
366699.81	3756918.50	1.04516c	(96020408)	366654.66	3757013.75	0.98511c	(96020408)
366607.66	3757113.00	0.90935c	(96020408)	366560.62	3757212.00	0.82536c	(96020408)
366513.62	3757311.25	0.79708c	(96010208)	366464.16	3757415.75	0.77295c	(96010208)
366414.69	3757520.00	0.73524c	(96010208)	366434.03	3757555.50	0.72746c	(96010608)
366483.69	3757562.00	0.73894c	(96010608)	366566.69	3757525.00	0.75755c	(96010608)
366620.62	3757538.50	0.77077c	(96010608)	366646.41	3757555.50	0.77610c	(96010608)
366712.75	3757550.25	0.79165c	(96010608)	366779.09	3757544.75	0.80744c	(96010608)
366838.81	3757582.50	0.81302c	(96010608)	366912.62	3757623.25	0.81239c	(96010608)
366986.47	3757664.25	0.80177c	(96010608)	367074.31	3757712.75	0.77584c	(96010608)
367162.16	3757761.25	0.73540c	(96010608)	367299.75	3757717.75	0.77009c	(96010608)
367384.88	3757734.00	0.74669c	(96010608)	367397.59	3757757.50	0.72112	(96010724)
367505.56	3757818.00	0.68673	(96010724)	367532.81	3757826.00	0.68039	(96010724)
367561.06	3757814.00	0.68891	(96010724)	367596.03	3757751.50	0.73603	(96010724)
367630.97	3757689.00	0.78176	(96010724)	367694.09	3757685.00	0.78889	(96010724)
367749.88	3757720.50	0.76194	(96010724)	367785.50	3757841.75	0.67690	(96052708)
367782.09	3757935.00	0.65992	(96052708)	367752.06	3757968.50	0.64557	(96052708)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.63607c	(96101908)	367807.91	3758034.00	0.64526c	(96101908)
367866.06	3758009.25	0.66511c	(96101908)	367924.19	3757984.50	0.68587c	(96101908)
367938.25	3757954.00	0.69348c	(96101908)	367928.38	3757922.75	0.69544	(96052708)
367914.62	3757953.25	0.68545c	(96101908)	368016.69	3757908.25	0.72518c	(96101908)
368118.78	3757863.25	0.76854c	(96101908)	368180.06	3757838.50	0.79615c	(96101908)
368242.09	3757813.50	0.82556c	(96101908)	368317.75	3757784.75	0.86316c	(96101908)
368406.72	3757787.75	0.89853c	(96101908)	368504.88	3757788.75	0.93248c	(96101908)
368603.06	3757790.00	0.95793c	(96101908)	368628.38	3757765.25	0.98167c	(96101908)
368675.91	3757781.00	1.00821	(96020924)	368758.84	3757821.00	1.08131	(96020924)
368838.88	3757871.50	1.13219	(96020924)	368921.38	3757923.50	1.16069	(96020924)
369003.84	3757975.50	1.16449	(96020924)	369037.66	3757968.75	1.18451	(96020924)
369100.78	3757878.25	1.29935	(96020924)	369067.19	3757885.25	1.27438	(96020924)
369139.03	3757929.50	1.26268	(96020924)	369210.91	3757973.75	1.23273	(96020924)
369243.25	3757968.25	1.24593	(96020924)	369304.81	3757894.25	1.35759	(96020924)
369366.38	3757820.00	1.48815	(96020924)	369436.44	3757793.50	1.56172	(96020924)
369435.25	3757759.75	1.62235	(96020924)	369250.56	3758016.75	1.18737	(96020924)
369343.91	3758082.50	1.10948	(96020924)	369437.25	3758148.25	1.00965	(96020924)
369429.41	3758217.50	0.93181	(96020924)	369432.19	3758306.25	0.83999	(96020924)
369434.97	3758395.00	0.75904	(96020924)	369459.97	3758419.25	0.73044	(96020924)
369558.25	3758419.25	0.69154	(96020924)	369656.53	3758419.25	0.64294	(96020924)
369754.81	3758419.25	0.78123c	(96020324)	369853.09	3758419.25	0.96490c	(96020324)
369878.09	3758394.00	1.01381c	(96020324)	369877.19	3758288.75	1.02550c	(96020324)
369876.31	3758183.25	1.02823c	(96020324)	369962.47	3758103.00	1.25040c	(96020324)
370074.53	3758103.00	1.55298c	(96020324)	370186.59	3758103.00	1.60173c	(96020324)
370298.62	3758103.25	1.45580c	(96020324)	370323.62	3758078.00	1.43242c	(96020324)
370381.38	3757991.00	1.36757c	(96020324)	370435.41	3758019.25	1.18902c	(96020324)
370499.31	3758049.75	1.21501	(96040424)	370485.19	3758025.25	1.23685	(96040424)
370480.69	3758086.00	1.10507	(96010924)	370505.53	3758112.75	1.12127	(96040424)
370600.72	3758113.25	1.16775	(96040424)	370695.94	3758113.50	1.13739	(96092408)
370791.12	3758113.75	1.19892	(96092408)	370886.34	3758114.00	1.19639	(96092408)
370911.41	3758089.00	1.20456	(96092408)	370910.97	3757976.00	1.31523	(96092408)
370910.53	3757863.25	1.43475	(96092408)	370910.06	3757750.50	1.65148	(96092408)
370930.06	3757711.75	1.68029	(96092408)	370960.91	3757689.25	1.64084	(96092408)
371046.47	3757692.50	1.57180c	(96021308)	371070.81	3757667.50	1.71570c	(96021308)
371071.34	3757585.25	1.96045c	(96021308)	371046.88	3757610.00	1.86414c	(96021308)
371122.22	3757608.50	1.97115	(96011324)	371099.47	3757595.00	1.97098	(96011324)
371134.94	3757663.25	1.77863c	(96021308)	371170.41	3757731.75	1.64568c	(96021308)
371239.88	3757782.75	1.57097c	(96021308)	371263.72	3757807.50	1.53527c	(96021308)
371372.38	3757807.25	1.69791	(96011324)	371385.28	3757826.75	1.65655	(96011324)
371485.00	3757895.25	1.58411	(96011324)	371584.72	3757963.75	1.50930	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.43487	(96011324)	371784.16	3758100.75	1.38061c	(96100808)
371818.31	3758095.25	1.43038c	(96100808)	371873.25	3758021.75	1.63978c	(96100808)
371928.19	3757948.50	1.80477c	(96100808)	371969.34	3757946.25	1.80931c	(96100808)
371989.16	3757923.75	1.84046c	(96100808)	371995.12	3757843.25	1.93802c	(96100808)
371969.38	3757866.50	1.92500c	(96100808)	372022.50	3757868.25	1.89514c	(96100808)
372048.31	3757843.00	1.90011c	(96100808)	372047.16	3757745.75	1.95033c	(96100808)
372046.03	3757648.50	1.94040c	(96100808)	372044.88	3757551.25	1.87096	(96101124)
372040.50	3757447.75	1.96558	(96101124)	372036.12	3757345.00	1.98422	(96101124)
372031.75	3757242.00	1.91281	(96101124)	372027.38	3757139.25	1.74967	(96101124)
372002.59	3757115.25	1.74754	(96101124)	371880.53	3757114.25	2.01796	(96101124)
371758.47	3757113.25	2.33718	(96101124)	371636.38	3757112.25	2.71110	(96101124)
371514.31	3757111.25	3.14162	(96101124)	371394.41	3757110.25	3.61493	(96101124)
371274.53	3757109.50	4.17076	(96101124)	371154.62	3757108.50	4.82661	(96101124)
371034.75	3757107.50	5.18490	(96101124)	371059.56	3757132.50	4.88833c	(96100808)
371059.44	3757085.25	5.42231	(96101124)	371034.31	3757060.25	5.79393	(96101124)
370944.22	3757060.75	6.04684	(96010324)	370854.12	3757061.25	7.23906	(96092324)
370764.03	3757062.00	8.14084	(96010324)	370789.16	3757086.00	7.58606	(96011324)
370785.78	3756996.25	9.64812	(96092324)	370782.38	3756906.50	9.11572c	(96101724)
370778.97	3756816.75	9.63987	(96090808)	370754.94	3756842.75	10.16920	(96090808)
370847.44	3756839.25	8.11108	(96090808)	370939.91	3756835.75	6.34155	(96101124)
371032.41	3756832.25	5.00249	(96101124)	371056.41	3756808.75	4.47589	(96101024)
371058.09	3756781.75	4.26986	(96101024)	371033.69	3756805.25	4.67425	(96101024)
371146.19	3756802.75	3.69826	(96101024)	371258.66	3756800.25	3.20381c	(96100608)
371371.16	3756797.75	2.84525c	(96100608)	371483.62	3756795.25	2.53866c	(96100608)
371595.03	3756793.00	2.27913c	(96100608)	371706.41	3756790.50	2.05685c	(96100608)
371817.78	3756788.00	1.86540c	(96100608)	371932.09	3756785.50	1.69567c	(96100608)
372046.38	3756783.00	1.54861c	(96100608)	372160.66	3756780.25	1.42045c	(96100608)
372274.97	3756777.75	1.30811c	(96100608)	372384.72	3756775.50	1.21289c	(96100608)
372494.47	3756773.00	1.12817c	(96100608)	372604.22	3756770.50	1.05247c	(96100608)
372713.97	3756768.00	0.98456c	(96100608)	372738.38	3756741.75	0.96676c	(96100608)
372732.97	3756646.50	0.94479c	(96100608)	372819.62	3756573.75	0.87074c	(96100608)
372843.78	3756547.75	0.84744c	(96100608)	372839.41	3756453.75	0.79869c	(96100608)
372821.25	3756362.50	0.74590c	(96100608)	372795.62	3756342.50	0.74034c	(96100608)
372731.31	3756327.75	0.75108c	(96100608)	372707.19	3756351.75	0.77899c	(96100608)
372927.97	3756344.00	0.69801c	(96100608)	372952.09	3756318.75	0.67435c	(96100608)
372951.22	3756244.75	0.62514c	(96100608)	372926.66	3756270.00	0.64880c	(96100608)
373032.78	3756268.00	0.62016c	(96100608)	373138.88	3756266.25	0.59350c	(96100608)
373245.00	3756264.25	0.56837c	(96100608)	373351.12	3756262.25	0.54481c	(96100608)
373457.25	3756260.50	0.52281c	(96100608)	373481.81	3756235.00	0.50710c	(96100608)
373480.34	3756122.50	0.47457c	(96052108)	373478.88	3756009.75	0.46924c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.44344c	(96052108)	373475.94	3755784.50	0.42843c	(96010208)
373474.47	3755672.00	0.48178c	(96010208)	373473.00	3755559.25	0.52114c	(96010208)
373447.00	3755534.75	0.53493c	(96010208)	373334.22	3755539.25	0.56720c	(96010208)
373221.47	3755543.75	0.60010c	(96010208)	373197.47	3755568.25	0.60385c	(96010208)
373195.91	3755636.25	0.58903c	(96010208)	373194.34	3755704.50	0.56584c	(96010208)
373219.59	3755680.00	0.56607c	(96010208)	373134.91	3755679.00	0.59767c	(96010208)
373159.66	3755703.50	0.57933c	(96010208)	373157.94	3755634.75	0.60274c	(96010208)
373156.22	3755566.00	0.61705c	(96010208)	373132.47	3755541.75	0.62664c	(96010208)
373055.34	3755537.75	0.64892c	(96010208)	373079.06	3755562.25	0.64115c	(96010208)
373077.12	3755465.00	0.63857c	(96010208)	373075.16	3755368.00	0.61760c	(96010208)
373073.19	3755270.75	0.58126c	(96010208)	373071.22	3755173.50	0.53363c	(96010208)
373046.00	3755149.00	0.51890c	(96010208)	372939.09	3755150.00	0.51321c	(96091908)
372832.16	3755151.00	0.56610c	(96091908)	372725.25	3755152.00	0.62336c	(96091908)
372622.81	3755157.25	0.68106c	(96091908)	372527.31	3755158.00	0.73855c	(96091908)
372430.69	3755159.00	0.79838c	(96091908)	372334.09	3755159.75	0.85857c	(96091908)
372237.47	3755160.50	0.91728c	(96091908)	372138.81	3755161.25	0.97319c	(96091908)
372040.12	3755162.25	1.02207c	(96091908)	371941.47	3755163.00	1.06001c	(96091908)
371842.78	3755163.75	1.08306c	(96091908)	371747.72	3755164.50	1.08735c	(96091908)
371652.69	3755165.25	1.07071c	(96091908)	371557.62	3755166.25	1.03100c	(96091908)
371462.59	3755167.00	1.04241	(96032008)	371359.16	3755167.75	1.06221	(96032008)
371255.72	3755168.75	1.17895c	(96051208)	371152.25	3755169.50	1.37593c	(96051208)
371048.81	3755170.50	1.53703c	(96051208)	371024.06	3755196.50	1.59184c	(96051208)
371027.69	3755273.25	1.65580c	(96051208)	371031.34	3755350.25	1.70728c	(96051208)
371019.94	3755375.50	1.75165c	(96051208)	371017.91	3755470.00	1.81243c	(96051208)
371017.38	3755556.25	1.82888c	(96051208)	371040.31	3755531.50	1.73655c	(96051208)
371025.97	3755420.25	1.76381c	(96051208)	371015.62	3755399.00	1.77881c	(96051208)
370915.81	3755327.25	1.89552c	(96051208)	370816.03	3755255.25	1.80812c	(96051208)
370736.56	3755243.75	1.69957c	(96051208)	370669.19	3755237.00	1.53453c	(96051208)
370571.06	3755237.25	1.58403c	(96021108)	370475.62	3755237.75	1.65487c	(96021108)
370380.12	3755238.25	1.67733c	(96021108)	370278.66	3755239.00	1.61151	(96030608)
370177.19	3755239.50	1.54382	(96030608)	370075.72	3755240.00	1.49352	(96030608)
369979.41	3755240.50	1.54038c	(96012608)	369883.09	3755241.00	1.74988c	(96012608)
369786.78	3755241.50	1.93260c	(96012608)	369690.47	3755242.00	2.05970c	(96012608)
369594.16	3755242.75	2.11411c	(96012608)	369497.88	3755243.25	2.02926c	(96012608)
369396.38	3755243.75	2.20785c	(96020308)	369294.91	3755244.25	2.47616c	(96020308)
369193.44	3755244.75	2.47988c	(96020308)	369091.97	3755245.25	2.27026c	(96020308)
368990.50	3755246.00	1.95256c	(96020308)	368889.03	3755246.50	1.61834c	(96020308)
368782.41	3755247.00	1.31034c	(96020308)	368675.78	3755247.50	1.30534c	(96012908)
368569.12	3755248.25	1.32170c	(96012908)	368471.00	3755248.75	1.31918c	(96012908)
368372.84	3755249.25	1.30385c	(96012908)	368274.69	3755249.75	1.27901c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.23101c	(96012908)	368053.72	3755209.25	1.18026c	(96012908)
367940.91	3755188.50	1.12963c	(96012908)	367824.03	3755184.75	1.08506c	(96012908)
367710.84	3755181.25	1.04162c	(96012908)	367597.62	3755177.50	0.99866c	(96012908)
367484.44	3755174.00	0.95690c	(96012908)	367460.69	3755189.25	0.95155c	(96012908)
367415.00	3755295.25	0.95191c	(96012908)	367369.31	3755401.25	0.94621c	(96012708)
367323.59	3755507.25	1.02886c	(96012708)	367483.66	3755199.00	0.96184c	(96012908)
367300.88	3755623.25	1.09856c	(96012708)	367114.28	3756056.25	1.09667	(96010808)
366984.53	3756357.50	1.19684	(96010808)	366852.91	3756663.00	1.12348c	(96020408)
366902.28	3756692.00	1.14992c	(96020408)	366875.53	3756760.00	1.14454c	(96020408)
366812.69	3756738.50	1.11937c	(96020408)	366677.25	3757024.50	0.98506c	(96020408)
366536.22	3757322.00	0.80215c	(96010208)	366437.28	3757530.75	0.73483c	(96010208)
366486.94	3757537.25	0.73955c	(96010208)	366623.91	3757468.00	0.78874c	(96010208)
366644.38	3757530.75	0.77655c	(96010608)	366777.06	3757519.75	0.80928c	(96010608)
366998.56	3757642.25	0.81526c	(96010608)	367174.25	3757739.50	0.75445c	(96010608)
367290.72	3757694.25	0.79303c	(96010608)	367412.66	3757694.75	0.78687c	(96010608)
367409.81	3757735.75	0.74201c	(96010608)	367517.78	3757796.25	0.70240	(96010724)
367539.25	3757802.00	0.69828	(96010724)	367609.12	3757676.75	0.78773	(96010724)
367769.06	3757644.25	0.82425	(96010724)	367774.81	3757718.50	0.76336	(96010724)
367809.47	3757834.50	0.68492	(96052708)	367807.06	3757935.50	0.66548	(96052708)
367774.94	3757958.50	0.65284	(96052708)	367798.12	3758011.00	0.64373c	(96101908)
367914.41	3757961.50	0.68479c	(96101908)	367904.53	3757930.25	0.68809	(96052708)
368108.69	3757840.25	0.76674c	(96101908)	368232.75	3757790.25	0.82501c	(96101908)
368308.88	3757761.50	0.86367c	(96101908)	368603.38	3757765.00	0.97551c	(96101908)
368603.84	3757718.50	1.00492c	(96101908)	368769.72	3757798.50	1.09346	(96020924)
369017.16	3757954.25	1.18835	(96020924)	369080.28	3757864.00	1.30139	(96020924)
369224.00	3757952.25	1.26168	(96020924)	369408.72	3757730.00	1.66047	(96020924)
369454.22	3757776.00	1.60204	(96020924)	369264.97	3757996.50	1.21413	(96020924)
369451.62	3758128.00	1.03081	(96020924)	369459.97	3758394.25	0.75131	(96020924)
369853.09	3758394.25	0.96758c	(96020324)	369850.44	3758078.00	0.95129c	(96020324)
370298.62	3758078.25	1.48356c	(96020324)	370297.53	3757962.75	1.63384c	(96020324)
370382.34	3757966.00	1.38664c	(96020324)	370510.12	3758027.25	1.27400	(96040424)
370505.62	3758087.75	1.15937	(96040424)	370886.41	3758089.00	1.22274	(96092408)
370885.06	3757750.50	1.69105	(96092408)	370907.31	3757701.50	1.74684	(96092408)
370944.91	3757670.00	1.70953	(96092408)	371045.81	3757667.50	1.64505c	(96021308)
371046.34	3757585.00	1.94667c	(96021308)	371121.66	3757583.50	2.09536	(96011324)
371192.59	3757720.25	1.67137c	(96021308)	371253.97	3757762.25	1.64685	(96011324)
371263.66	3757782.50	1.59539	(96011324)	371372.34	3757782.25	1.77465	(96011324)
371399.44	3757806.25	1.73473	(96011324)	371798.31	3758080.25	1.44438c	(96100808)
371908.19	3757933.50	1.82989c	(96100808)	371964.22	3757921.75	1.84830c	(96100808)
371970.19	3757841.50	1.95514c	(96100808)	372023.31	3757843.25	1.91877c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.91362c	(96100808)	372002.41	3757140.25	1.80249	(96101124)
371514.12	3757136.25	3.16389	(96101124)	371034.56	3757132.50	4.99832c	(96100808)
371034.44	3757085.25	5.49320	(96101124)	370764.19	3757087.00	7.26361	(96011324)
370754.00	3756817.75	10.27331	(96090808)	371031.47	3756807.25	4.71128	(96101024)
371033.12	3756780.25	4.49121	(96101024)	371483.09	3756770.25	2.56085c	(96100608)
371817.25	3756763.00	1.86890c	(96100608)	372274.41	3756752.75	1.30565c	(96100608)
372713.41	3756743.00	0.98134c	(96100608)	372702.62	3756552.50	0.91891c	(96100608)
372818.81	3756548.75	0.85949c	(96100608)	372814.44	3756455.00	0.80973c	(96100608)
372796.75	3756367.50	0.75817c	(96100608)	372704.81	3756371.50	0.79560c	(96100608)
372706.31	3756326.75	0.75895c	(96100608)	372927.09	3756319.25	0.68207c	(96100608)
372926.22	3756245.00	0.63150c	(96100608)	373456.81	3756235.50	0.51190c	(96100608)
373448.00	3755559.75	0.52849c	(96010208)	373222.47	3755568.75	0.59593c	(96010208)
373219.34	3755705.00	0.55632c	(96010208)	373134.66	3755704.00	0.58867c	(96010208)
373131.22	3755566.75	0.62472c	(96010208)	373054.09	3755562.75	0.64867c	(96010208)
373046.22	3755174.00	0.53286c	(96010208)	372725.47	3755177.00	0.61690c	(96091908)
372624.12	3755182.25	0.67481c	(96091908)	372237.69	3755185.50	0.92064c	(96091908)
371843.00	3755188.75	1.10634c	(96091908)	371462.81	3755192.00	1.05845	(96032008)
371049.03	3755195.50	1.55752c	(96051208)	371056.31	3755349.00	1.64766c	(96051208)
371043.41	3755384.00	1.69762c	(96051208)	371042.38	3755556.25	1.71726c	(96051208)
370995.81	3755560.25	1.92127c	(96051208)	371001.00	3755419.25	1.83183c	(96051208)
370801.41	3755275.50	1.84739c	(96051208)	370666.66	3755261.75	1.58693c	(96051208)
370380.28	3755263.25	1.73770c	(96021108)	370075.88	3755265.00	1.53479	(96030608)
369786.91	3755266.50	1.99278c	(96012608)	369498.00	3755268.25	2.05354c	(96012608)
369193.59	3755269.75	2.49145c	(96020308)	368889.16	3755271.50	1.56887c	(96020308)
368569.28	3755273.25	1.35284c	(96012908)	368274.84	3755274.75	1.29771c	(96012908)
367936.44	3755213.25	1.13891c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	6.64874c	(96100808)	372498.53	3757611.75	5.12486	(96101124)
372248.53	3757861.75	7.19857c	(96100808)	372498.53	3757861.75	5.88068c	(96100808)
372248.53	3758111.75	6.66218c	(96100808)	372498.53	3758111.75	5.98462c	(96100808)
372248.53	3758361.75	5.46642c	(96100808)	372498.53	3758361.75	5.40249c	(96100808)
373792.78	3755334.75	2.07075c	(96010208)	374092.78	3755334.75	1.79793c	(96010208)
373792.78	3755709.75	1.72765c	(96010208)	374092.78	3755709.75	1.55360c	(96052108)
373792.78	3756084.75	1.90963c	(96052108)	374092.78	3756084.75	1.69195c	(96052108)
373792.78	3756459.75	1.85210c	(96100608)	374092.78	3756459.75	1.64241c	(96100608)
373792.78	3756834.75	2.05392c	(96100608)	374092.78	3756834.75	1.80828c	(96100608)
373792.78	3757209.75	2.04475c	(96051808)	374092.78	3757209.75	1.79662c	(96051808)
373792.78	3757584.75	2.15964	(96101124)	374092.78	3757584.75	1.86506	(96061408)
373792.78	3757959.75	2.56650	(96101124)	374092.78	3757959.75	2.20384	(96101124)
373792.78	3758334.75	2.61473c	(96100808)	374092.78	3758334.75	2.29667	(96101124)
373792.78	3758709.75	3.03593c	(96100808)	374092.78	3758709.75	2.56080c	(96100808)
370479.03	3756653.75	112.79635	(96092624)	367277.91	3755613.50	4.19084c	(96012908)
367231.25	3755721.75	4.25719c	(96012708)	367184.62	3755830.00	4.23301c	(96012708)
367137.97	3755938.25	4.48425	(96010808)	367091.34	3756046.50	4.87724	(96010808)
367048.09	3756146.75	5.11932	(96010808)	367004.81	3756247.25	5.23059	(96010808)
366961.56	3756347.50	5.20877	(96010808)	366917.69	3756449.50	5.06107	(96010808)
366873.81	3756551.25	4.93124c	(96020408)	366829.94	3756653.00	5.01331c	(96020408)
366840.22	3756684.50	5.06538c	(96020408)	366889.59	3756713.50	5.19033c	(96020408)
366879.00	3756682.75	5.14712c	(96020408)	366852.25	3756751.00	5.11922c	(96020408)
366883.62	3756736.50	5.18510c	(96020408)	366820.78	3756715.00	5.04353c	(96020408)
366790.12	3756728.00	4.98506c	(96020408)	366744.97	3756823.25	4.87770c	(96020408)
366699.81	3756918.50	4.68935c	(96020408)	366654.66	3757013.75	4.43540c	(96020408)
366607.66	3757113.00	4.11919c	(96020408)	366560.62	3757212.00	3.76964c	(96020408)
366513.62	3757311.25	3.52223c	(96010208)	366464.16	3757415.75	3.40315c	(96010208)
366414.69	3757520.00	3.24645c	(96010608)	366434.03	3757555.50	3.27837c	(96010608)
366483.69	3757562.00	3.33841c	(96010608)	366566.69	3757525.00	3.44197c	(96010608)
366620.62	3757538.50	3.51184c	(96010608)	366646.41	3757555.50	3.54105c	(96010608)
366712.75	3757550.25	3.62810c	(96010608)	366779.09	3757544.75	3.71784c	(96010608)
366838.81	3757582.50	3.76374c	(96010608)	366912.62	3757623.25	3.79400c	(96010608)
366986.47	3757664.25	3.78752c	(96010608)	367074.31	3757712.75	3.72956c	(96010608)
367162.16	3757761.25	3.61439c	(96010608)	367299.75	3757717.75	3.83872c	(96010608)
367384.88	3757734.00	3.79787c	(96010608)	367397.59	3757757.50	3.69098c	(96010608)
367505.56	3757818.00	3.37168c	(96010608)	367532.81	3757826.00	3.31777c	(96010608)
367561.06	3757814.00	3.37216c	(96010608)	367596.03	3757751.50	3.71474c	(96010608)
367630.97	3757689.00	4.06952c	(96010608)	367694.09	3757685.00	4.09502c	(96010608)
367749.88	3757720.50	3.86089c	(96010608)	367785.50	3757841.75	3.27082	(96010724)
367782.09	3757935.00	2.86501	(96010724)	367752.06	3757968.50	2.73669c	(96011024)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	2.75094c	(96011224)	367807.91	3758034.00	2.82446c	(96011224)
367866.06	3758009.25	2.93072c	(96011224)	367924.19	3757984.50	3.04287c	(96011224)
367938.25	3757954.00	3.05809c	(96011224)	367928.38	3757922.75	3.01294c	(96011224)
367914.62	3757953.25	3.00380c	(96011224)	368016.69	3757908.25	3.21604c	(96011224)
368118.78	3757863.25	3.45176c	(96011224)	368180.06	3757838.50	3.60709c	(96011224)
368242.09	3757813.50	3.77476c	(96011224)	368317.75	3757784.75	3.99517c	(96011224)
368406.72	3757787.75	4.26937c	(96011224)	368504.88	3757788.75	4.55574c	(96011224)
368603.06	3757790.00	4.80855c	(96011224)	368628.38	3757765.25	4.93374c	(96011224)
368675.91	3757781.00	4.99651c	(96011224)	368758.84	3757821.00	5.15860	(96020724)
368838.88	3757871.50	5.51345	(96020724)	368921.38	3757923.50	5.77695	(96020724)
369003.84	3757975.50	5.89433	(96020724)	369037.66	3757968.75	6.01526	(96020724)
369100.78	3757878.25	6.61802	(96020724)	369067.19	3757885.25	6.46855	(96020724)
369139.03	3757929.50	6.45266	(96020724)	369210.91	3757973.75	6.25516	(96020724)
369243.25	3757968.25	6.30331	(96020724)	369304.81	3757894.25	6.89026	(96020724)
369366.38	3757820.00	7.58556	(96020724)	369436.44	3757793.50	7.82877	(96020724)
369435.25	3757759.75	8.24833	(96020724)	369250.56	3758016.75	5.93350	(96020724)
369343.91	3758082.50	5.18618	(96020724)	369437.25	3758148.25	4.29692c	(96020208)
369429.41	3758217.50	4.12238c	(96020208)	369432.19	3758306.25	3.91182c	(96020208)
369434.97	3758395.00	3.68606c	(96020208)	369459.97	3758419.25	3.63214c	(96020208)
369558.25	3758419.25	3.57971c	(96020208)	369656.53	3758419.25	3.97011c	(96020324)
369754.81	3758419.25	4.76205c	(96020324)	369853.09	3758419.25	5.52660c	(96020324)
369878.09	3758394.00	5.78342c	(96020324)	369877.19	3758288.75	6.12376c	(96020324)
369876.31	3758183.25	6.48506c	(96020324)	369962.47	3758103.00	7.72162c	(96020324)
370074.53	3758103.00	8.72198c	(96020324)	370186.59	3758103.00	8.77921c	(96020324)
370298.62	3758103.25	8.10671c	(96020324)	370323.62	3758078.00	8.07747c	(96020324)
370381.38	3757991.00	8.29762	(96010924)	370435.41	3758019.25	7.97757	(96010924)
370499.31	3758049.75	7.54359	(96010924)	370485.19	3758025.25	7.81281	(96010924)
370480.69	3758086.00	7.30611	(96010924)	370505.53	3758112.75	7.05170	(96010924)
370600.72	3758113.25	6.58170c	(96011024)	370695.94	3758113.50	5.85771c	(96011024)
370791.12	3758113.75	5.25330	(96092408)	370886.34	3758114.00	5.12066	(96092408)
370911.41	3758089.00	5.23885c	(96033008)	370910.97	3757976.00	6.14229c	(96033008)
370910.53	3757863.25	7.13987c	(96033008)	370910.06	3757750.50	8.53193c	(96033008)
370930.06	3757711.75	8.82166c	(96033008)	370960.91	3757689.25	9.41146c	(96021308)
371046.47	3757692.50	9.72842c	(96021308)	371070.81	3757667.50	10.32270c	(96021308)
371071.34	3757585.25	11.54045c	(96021308)	371046.88	3757610.00	11.28305c	(96021308)
371122.22	3757608.50	11.20420c	(96100808)	371099.47	3757595.00	11.30338c	(96100808)
371134.94	3757663.25	10.15111c	(96021308)	371170.41	3757731.75	9.26945c	(96021308)
371239.88	3757782.75	8.51912c	(96021308)	371263.72	3757807.50	8.23361c	(96021308)
371372.38	3757807.25	8.90869c	(96100808)	371385.28	3757826.75	8.64022c	(96100808)
371485.00	3757895.25	8.11150c	(96100808)	371584.72	3757963.75	7.61501c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	7.15358c	(96100808)	371784.16	3758100.75	6.72727c	(96100808)
371818.31	3758095.25	6.86454c	(96100808)	371873.25	3758021.75	7.60534c	(96100808)
371928.19	3757948.50	8.13922c	(96100808)	371969.34	3757946.25	8.07183c	(96100808)
371989.16	3757923.75	8.15041c	(96100808)	371995.12	3757843.25	8.50202c	(96100808)
371969.38	3757866.50	8.50921c	(96100808)	372022.50	3757868.25	8.28727c	(96100808)
372048.31	3757843.00	8.25290c	(96100808)	372047.16	3757745.75	8.42902c	(96100808)
372046.03	3757648.50	8.37727c	(96100808)	372044.88	3757551.25	8.07679c	(96100808)
372040.50	3757447.75	7.51800c	(96100808)	372036.12	3757345.00	7.27466	(96101124)
372031.75	3757242.00	7.13501	(96101124)	372027.38	3757139.25	6.70744	(96101124)
372002.59	3757115.25	6.75201	(96101124)	371880.53	3757114.25	7.79654	(96101124)
371758.47	3757113.25	9.04043	(96101124)	371636.38	3757112.25	10.52853	(96101124)
371514.31	3757111.25	12.29868	(96101124)	371394.41	3757110.25	14.65459c	(96100808)
371274.53	3757109.50	18.73291c	(96100808)	371154.62	3757108.50	23.43647c	(96100808)
371034.75	3757107.50	29.54681c	(96100808)	371059.56	3757132.50	28.16037c	(96100808)
371059.44	3757085.25	27.53724c	(96100808)	371034.31	3757060.25	28.76224c	(96100808)
370944.22	3757060.75	34.36714c	(96100808)	370854.12	3757061.25	41.15230c	(96100808)
370764.03	3757062.00	44.62214	(96011324)	370789.16	3757086.00	41.23679	(96011324)
370785.78	3756996.25	52.33282c	(96100808)	370782.38	3756906.50	56.04501	(96101124)
370778.97	3756816.75	49.28175	(96101124)	370754.94	3756842.75	50.52892c	(96100808)
370847.44	3756839.25	42.04055	(96101124)	370939.91	3756835.75	29.06743	(96101124)
371032.41	3756832.25	23.47667	(96101124)	371056.41	3756808.75	21.55689	(96101124)
371058.09	3756781.75	20.41796c	(96100608)	371033.69	3756805.25	22.49864	(96101124)
371146.19	3756802.75	17.11844	(96101124)	371258.66	3756800.25	14.28528c	(96100608)
371371.16	3756797.75	12.17282c	(96100608)	371483.62	3756795.25	10.54343c	(96100608)
371595.03	3756793.00	9.24593c	(96100608)	371706.41	3756790.50	8.18586c	(96100608)
371817.78	3756788.00	7.30704c	(96100608)	371932.09	3756785.50	6.55211c	(96100608)
372046.38	3756783.00	5.91512c	(96100608)	372160.66	3756780.25	5.37213c	(96100608)
372274.97	3756777.75	4.90513c	(96100608)	372384.72	3756775.50	4.51554c	(96100608)
372494.47	3756773.00	4.17359c	(96100608)	372604.22	3756770.50	3.87168c	(96100608)
372713.97	3756768.00	3.60365c	(96100608)	372738.38	3756741.75	3.53354c	(96100608)
372732.97	3756646.50	3.45259c	(96100608)	372819.62	3756573.75	3.17223c	(96100608)
372843.78	3756547.75	3.08548c	(96100608)	372839.41	3756453.75	2.91581c	(96100608)
372821.25	3756362.50	2.89446c	(96052108)	372795.62	3756342.50	2.97096c	(96052108)
372731.31	3756327.75	3.11123c	(96052108)	372707.19	3756351.75	3.12761c	(96052108)
372927.97	3756344.00	2.73912c	(96052108)	372952.09	3756318.75	2.73312c	(96052108)
372951.22	3756244.75	2.79520c	(96052108)	372926.66	3756270.00	2.81946c	(96052108)
373032.78	3756268.00	2.65873c	(96052108)	373138.88	3756266.25	2.51096c	(96052108)
373245.00	3756264.25	2.37510c	(96052108)	373351.12	3756262.25	2.24984c	(96052108)
373457.25	3756260.50	2.13390c	(96052108)	373481.81	3756235.00	2.12910c	(96052108)
373480.34	3756122.50	2.17765c	(96052108)	373478.88	3756009.75	2.14908c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	2.04830c	(96052108)	373475.94	3755784.50	2.01916c	(96010208)
373474.47	3755672.00	2.19516c	(96010208)	373473.00	3755559.25	2.31735c	(96010208)
373447.00	3755534.75	2.36916c	(96010208)	373334.22	3755539.25	2.51654c	(96010208)
373221.47	3755543.75	2.66988c	(96010208)	373197.47	3755568.25	2.69636c	(96010208)
373195.91	3755636.25	2.65865c	(96010208)	373194.34	3755704.50	2.59107c	(96010208)
373219.59	3755680.00	2.57768c	(96010208)	373134.91	3755679.00	2.72138c	(96010208)
373159.66	3755703.50	2.65195c	(96010208)	373157.94	3755634.75	2.72087c	(96010208)
373156.22	3755566.00	2.75730c	(96010208)	373132.47	3755541.75	2.79475c	(96010208)
373055.34	3755537.75	2.90217c	(96010208)	373079.06	3755562.25	2.87088c	(96010208)
373077.12	3755465.00	2.84133c	(96010208)	373075.16	3755368.00	2.74850c	(96010208)
373073.19	3755270.75	2.60206c	(96010208)	373071.22	3755173.50	2.41508c	(96010208)
373046.00	3755149.00	2.36544c	(96010208)	372939.09	3755150.00	2.36800c	(96010208)
372832.16	3755151.00	2.35443c	(96010208)	372725.25	3755152.00	2.32314c	(96010208)
372622.81	3755157.25	2.28981c	(96010208)	372527.31	3755158.00	2.42568c	(96091908)
372430.69	3755159.00	2.61248c	(96091908)	372334.09	3755159.75	2.80109c	(96091908)
372237.47	3755160.50	2.98687c	(96091908)	372138.81	3755161.25	3.16737c	(96091908)
372040.12	3755162.25	3.33130c	(96091908)	371941.47	3755163.00	3.52197	(96032608)
371842.78	3755163.75	3.81334	(96032608)	371747.72	3755164.50	4.09520c	(96010524)
371652.69	3755165.25	4.36873c	(96010524)	371557.62	3755166.25	4.64623c	(96020708)
371462.59	3755167.00	4.88295c	(96020708)	371359.16	3755167.75	4.95986	(96032608)
371255.72	3755168.75	5.01924	(96032608)	371152.25	3755169.50	5.89811c	(96020408)
371048.81	3755170.50	6.90091c	(96020408)	371024.06	3755196.50	7.18888c	(96020408)
371027.69	3755273.25	7.33381c	(96020408)	371031.34	3755350.25	7.39388c	(96020408)
371019.94	3755375.50	7.57180c	(96020408)	371017.91	3755470.00	7.61511c	(96020408)
371017.38	3755556.25	7.98774	(96032608)	371040.31	3755531.50	7.71693	(96032608)
371025.97	3755420.25	7.50045c	(96020408)	371015.62	3755399.00	7.65035c	(96020408)
370915.81	3755327.25	8.79049c	(96020408)	370816.03	3755255.25	8.74467c	(96020408)
370736.56	3755243.75	8.61177c	(96020408)	370669.19	3755237.00	8.33899c	(96020408)
370571.06	3755237.25	7.57411c	(96020408)	370475.62	3755237.75	6.43130c	(96020408)
370380.12	3755238.25	6.11132c	(96010124)	370278.66	3755239.00	6.93857c	(96010124)
370177.19	3755239.50	7.72857c	(96010124)	370075.72	3755240.00	7.78857c	(96010124)
369979.41	3755240.50	7.97563c	(96010124)	369883.09	3755241.00	8.09744c	(96010124)
369786.78	3755241.50	8.89925c	(96012608)	369690.47	3755242.00	9.56604c	(96012608)
369594.16	3755242.75	9.86020c	(96012608)	369497.88	3755243.25	11.66058c	(96020308)
369396.38	3755243.75	14.27218c	(96020308)	369294.91	3755244.25	15.78786c	(96020308)
369193.44	3755244.75	15.91254c	(96020308)	369091.97	3755245.25	14.81617c	(96020308)
368990.50	3755246.00	12.96641c	(96020308)	368889.03	3755246.50	10.84848c	(96020308)
368782.41	3755247.00	8.73526c	(96020308)	368675.78	3755247.50	6.95356c	(96020308)
368569.12	3755248.25	6.12737c	(96012908)	368471.00	3755248.75	6.11176c	(96012908)
368372.84	3755249.25	6.04205c	(96012908)	368274.69	3755249.75	5.92992c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	5.68774c	(96012908)	368053.72	3755209.25	5.43424c	(96012908)
367940.91	3755188.50	5.18244c	(96012908)	367824.03	3755184.75	4.97175c	(96012908)
367710.84	3755181.25	4.76394c	(96012908)	367597.62	3755177.50	4.55616c	(96012908)
367484.44	3755174.00	4.35262c	(96012908)	367460.69	3755189.25	4.33219c	(96012908)
367415.00	3755295.25	4.37008c	(96012908)	367369.31	3755401.25	4.35960c	(96012908)
367323.59	3755507.25	4.29922c	(96012908)	367483.66	3755199.00	4.38608c	(96012908)
367300.88	3755623.25	4.24177c	(96012908)	367114.28	3756056.25	4.95039	(96010808)
366984.53	3756357.50	5.26211	(96010808)	366852.91	3756663.00	5.07256c	(96020408)
366902.28	3756692.00	5.20537c	(96020408)	366875.53	3756760.00	5.16920c	(96020408)
366812.69	3756738.50	5.03433c	(96020408)	366677.25	3757024.50	4.44612c	(96020408)
366536.22	3757322.00	3.54787c	(96010208)	366437.28	3757530.75	3.27804c	(96010608)
366486.94	3757537.25	3.34133c	(96010608)	366623.91	3757468.00	3.51566c	(96010208)
366644.38	3757530.75	3.54389c	(96010608)	366777.06	3757519.75	3.72610c	(96010608)
366998.56	3757642.25	3.84773c	(96010608)	367174.25	3757739.50	3.69868c	(96010608)
367290.72	3757694.25	3.92705c	(96010608)	367412.66	3757694.75	3.98444c	(96010608)
367409.81	3757735.75	3.79531c	(96010608)	367517.78	3757796.25	3.48496c	(96010608)
367539.25	3757802.00	3.44711c	(96010608)	367609.12	3757676.75	4.13511c	(96010608)
367769.06	3757644.25	4.35116c	(96010608)	367774.81	3757718.50	3.86443c	(96010608)
367809.47	3757834.50	3.30139	(96010724)	367807.06	3757935.50	2.85251	(96010724)
367774.94	3757958.50	2.77052c	(96011024)	367798.12	3758011.00	2.79072c	(96011224)
367914.41	3757961.50	3.00869c	(96011224)	367904.53	3757930.25	2.96313c	(96011224)
368108.69	3757840.25	3.40861c	(96011224)	368232.75	3757790.25	3.73410c	(96011224)
368308.88	3757761.50	3.95764c	(96011224)	368603.38	3757765.00	4.86880c	(96011224)
368603.84	3757718.50	4.95686c	(96011224)	368769.72	3757798.50	5.21707	(96020724)
369017.16	3757954.25	6.01760	(96020724)	369080.28	3757864.00	6.60895	(96020724)
369224.00	3757952.25	6.41056	(96020724)	369408.72	3757730.00	8.58100	(96020724)
369454.22	3757776.00	8.01789	(96020724)	369264.97	3757996.50	6.07279	(96020724)
369451.62	3758128.00	4.39147c	(96020208)	369459.97	3758394.25	3.70254c	(96020208)
369853.09	3758394.25	5.59848c	(96020324)	369850.44	3758078.00	6.55581c	(96020324)
370298.62	3758078.25	8.31886c	(96020324)	370297.53	3757962.75	9.44300c	(96020324)
370382.34	3757966.00	8.52360	(96010924)	370510.12	3758027.25	7.65716	(96010924)
370505.62	3758087.75	7.22640	(96010924)	370886.41	3758089.00	5.23772	(96092408)
370885.06	3757750.50	8.52677c	(96033008)	370907.31	3757701.50	9.08804c	(96033008)
370944.91	3757670.00	9.63347c	(96021308)	371045.81	3757667.50	10.07981c	(96021308)
371046.34	3757585.00	11.70404c	(96021308)	371121.66	3757583.50	11.97404c	(96100808)
371192.59	3757720.25	9.25761c	(96021308)	371253.97	3757762.25	8.80391c	(96100808)
371263.66	3757782.50	8.47215c	(96100808)	371372.34	3757782.25	9.38316c	(96100808)
371399.44	3757806.25	9.10727c	(96100808)	371798.31	3758080.25	6.96515c	(96100808)
371908.19	3757933.50	8.27966c	(96100808)	371964.22	3757921.75	8.23086c	(96100808)
371970.19	3757841.50	8.61965c	(96100808)	372023.31	3757843.25	8.37198c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	8.31282c	(96100808)	372002.41	3757140.25	6.90669	(96101124)
371514.12	3757136.25	12.29005	(96101124)	371034.56	3757132.50	29.12698c	(96100808)
371034.44	3757085.25	29.78856c	(96100808)	370764.19	3757087.00	38.04459	(96011324)
370754.00	3756817.75	51.64403	(96101124)	371031.47	3756807.25	22.70197	(96101124)
371033.12	3756780.25	21.52882	(96101124)	371483.09	3756770.25	10.61877c	(96100608)
371817.25	3756763.00	7.31570c	(96100608)	372274.41	3756752.75	4.89407c	(96100608)
372713.41	3756743.00	3.59073c	(96100608)	372702.62	3756552.50	3.36658c	(96100608)
372818.81	3756548.75	3.13260c	(96100608)	372814.44	3756455.00	2.95945c	(96100608)
372796.75	3756367.50	2.93099c	(96052108)	372704.81	3756371.50	3.10137c	(96052108)
372706.31	3756326.75	3.16142c	(96052108)	372927.09	3756319.25	2.77285c	(96052108)
372926.22	3756245.00	2.83382c	(96052108)	373456.81	3756235.50	2.15496c	(96052108)
373448.00	3755559.75	2.35027c	(96010208)	373222.47	3755568.75	2.65981c	(96010208)
373219.34	3755705.00	2.54809c	(96010208)	373134.66	3755704.00	2.69504c	(96010208)
373131.22	3755566.75	2.79380c	(96010208)	373054.09	3755562.75	2.90752c	(96010208)
373046.22	3755174.00	2.42018c	(96010208)	372725.47	3755177.00	2.40097c	(96010208)
372624.12	3755182.25	2.37495c	(96010208)	372237.69	3755185.50	3.00057c	(96091908)
371843.00	3755188.75	3.83369	(96032608)	371462.81	3755192.00	4.96173c	(96020708)
371049.03	3755195.50	6.95494c	(96020408)	371056.31	3755349.00	7.05529c	(96020408)
371043.41	3755384.00	7.24013c	(96020408)	371042.38	3755556.25	7.95566	(96032608)
370995.81	3755560.25	8.04195	(96032608)	371001.00	3755419.25	7.88327c	(96020408)
370801.41	3755275.50	8.94194c	(96020408)	370666.66	3755261.75	8.59609c	(96020408)
370380.28	3755263.25	6.34247c	(96021108)	370075.88	3755265.00	8.01587c	(96010124)
369786.91	3755266.50	9.23467c	(96012608)	369498.00	3755268.25	12.41198c	(96020308)
369193.59	3755269.75	16.17140c	(96020308)	368889.16	3755271.50	10.61123c	(96020308)
368569.28	3755273.25	6.30230c	(96012908)	368274.84	3755274.75	6.04670c	(96012908)
367936.44	3755213.25	5.24571c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.16340	(96101124)	372498.53	3757611.75	1.03149	(96101124)
372248.53	3757861.75	0.99148	(96101124)	372498.53	3757861.75	0.97700	(96101124)
372248.53	3758111.75	0.87956	(96010324)	372498.53	3758111.75	0.82917c	(96100808)
372248.53	3758361.75	0.77885	(96011324)	372498.53	3758361.75	0.73798	(96010324)
373792.78	3755334.75	0.29541c	(96010208)	374092.78	3755334.75	0.25677c	(96010208)
373792.78	3755709.75	0.23680	(96100824)	374092.78	3755709.75	0.22034	(96100824)
373792.78	3756084.75	0.29760	(96100824)	374092.78	3756084.75	0.27666c	(96100608)
373792.78	3756459.75	0.38813c	(96100608)	374092.78	3756459.75	0.35329c	(96100608)
373792.78	3756834.75	0.43195c	(96100608)	374092.78	3756834.75	0.38982c	(96100608)
373792.78	3757209.75	0.41731c	(96100608)	374092.78	3757209.75	0.37989c	(96100608)
373792.78	3757584.75	0.45767c	(96100524)	374092.78	3757584.75	0.39322	(96100224)
373792.78	3757959.75	0.57111	(96101124)	374092.78	3757959.75	0.48714	(96101124)
373792.78	3758334.75	0.60406	(96101124)	374092.78	3758334.75	0.54701	(96101124)
373792.78	3758709.75	0.53355	(96101124)	374092.78	3758709.75	0.51715	(96101124)
370479.03	3756653.75	20.51893	(96091016)	367277.91	3755613.50	0.76047c	(96012708)
367231.25	3755721.75	0.79285c	(96012708)	367184.62	3755830.00	0.80155c	(96012708)
367137.97	3755938.25	0.78815c	(96012708)	367091.34	3756046.50	0.75647c	(96012708)
367048.09	3756146.75	0.71493c	(96012708)	367004.81	3756247.25	0.70560c	(96022408)
366961.56	3756347.50	0.69354	(96010808)	366917.69	3756449.50	0.68437	(96010808)
366873.81	3756551.25	0.65814	(96010808)	366829.94	3756653.00	0.61975	(96010808)
366840.22	3756684.50	0.61522c	(96042308)	366889.59	3756713.50	0.62548c	(96042308)
366879.00	3756682.75	0.62393c	(96042308)	366852.25	3756751.00	0.62138c	(96020408)
366883.62	3756736.50	0.62546c	(96020408)	366820.78	3756715.00	0.61458c	(96020408)
366790.12	3756728.00	0.61119c	(96020408)	366744.97	3756823.25	0.60331c	(96020408)
366699.81	3756918.50	0.58083c	(96020408)	366654.66	3757013.75	0.54658c	(96020408)
366607.66	3757113.00	0.51463	(96101008)	366560.62	3757212.00	0.48860	(96101008)
366513.62	3757311.25	0.46850c	(96010208)	366464.16	3757415.75	0.45429c	(96010208)
366414.69	3757520.00	0.42925c	(96010208)	366434.03	3757555.50	0.41962c	(96010208)
366483.69	3757562.00	0.41855c	(96010208)	366566.69	3757525.00	0.43262c	(96010208)
366620.62	3757538.50	0.42890c	(96010208)	366646.41	3757555.50	0.42260c	(96010208)
366712.75	3757550.25	0.42473c	(96010208)	366779.09	3757544.75	0.43334c	(96021808)
366838.81	3757582.50	0.44607c	(96021808)	366912.62	3757623.25	0.46091c	(96021808)
366986.47	3757664.25	0.47475c	(96021808)	367074.31	3757712.75	0.48940c	(96021808)
367162.16	3757761.25	0.50144c	(96021808)	367299.75	3757717.75	0.53259c	(96021808)
367384.88	3757734.00	0.54679c	(96021808)	367397.59	3757757.50	0.54503c	(96021808)
367505.56	3757818.00	0.54951c	(96021808)	367532.81	3757826.00	0.55134c	(96021808)
367561.06	3757814.00	0.55897c	(96021808)	367596.03	3757751.50	0.58231c	(96021808)
367630.97	3757689.00	0.60515c	(96021808)	367694.09	3757685.00	0.61921c	(96021808)
367749.88	3757720.50	0.61911c	(96021808)	367785.50	3757841.75	0.57694c	(96021808)
367782.09	3757935.00	0.53412c	(96021808)	367752.06	3757968.50	0.51732c	(96021808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.49221c	(96021808)	367807.91	3758034.00	0.48532c	(96021808)
367866.06	3758009.25	0.49678c	(96021808)	367924.19	3757984.50	0.50859c	(96021808)
367938.25	3757954.00	0.52562c	(96021808)	367928.38	3757922.75	0.54348c	(96021808)
367914.62	3757953.25	0.52648c	(96021808)	368016.69	3757908.25	0.55099c	(96021808)
368118.78	3757863.25	0.57710c	(96021808)	368180.06	3757838.50	0.59192c	(96021808)
368242.09	3757813.50	0.60728c	(96021808)	368317.75	3757784.75	0.62507c	(96021808)
368406.72	3757787.75	0.61209c	(96021808)	368504.88	3757788.75	0.59256c	(96021808)
368603.06	3757790.00	0.64042	(96020924)	368628.38	3757765.25	0.64872	(96020924)
368675.91	3757781.00	0.68060	(96020924)	368758.84	3757821.00	0.73417	(96020924)
368838.88	3757871.50	0.77684	(96020924)	368921.38	3757923.50	0.80839	(96020924)
369003.84	3757975.50	0.82820	(96020924)	369037.66	3757968.75	0.84422	(96020924)
369100.78	3757878.25	0.90779	(96020924)	369067.19	3757885.25	0.88868	(96020924)
369139.03	3757929.50	0.90239	(96020924)	369210.91	3757973.75	0.90716	(96020924)
369243.25	3757968.25	0.92167	(96020924)	369304.81	3757894.25	0.99155	(96020924)
369366.38	3757820.00	1.07141	(96020924)	369436.44	3757793.50	1.12800	(96020924)
369435.25	3757759.75	1.15440	(96020924)	369250.56	3758016.75	0.89464	(96020924)
369343.91	3758082.50	0.87130	(96020924)	369437.25	3758148.25	0.82207	(96020924)
369429.41	3758217.50	0.76948	(96020924)	369432.19	3758306.25	0.70509	(96020924)
369434.97	3758395.00	0.64541	(96020924)	369459.97	3758419.25	0.62326	(96020924)
369558.25	3758419.25	0.58866	(96020924)	369656.53	3758419.25	0.54267	(96020924)
369754.81	3758419.25	0.48812	(96020924)	369853.09	3758419.25	0.47776	(96092824)
369878.09	3758394.00	0.49023	(96092824)	369877.19	3758288.75	0.50676	(96092824)
369876.31	3758183.25	0.55918	(96020924)	369962.47	3758103.00	0.57955	(96092824)
370074.53	3758103.00	0.58486	(96092824)	370186.59	3758103.00	0.58478	(96040524)
370298.62	3758103.25	0.61802	(96040524)	370323.62	3758078.00	0.63422	(96040524)
370381.38	3757991.00	0.68927	(96040524)	370435.41	3758019.25	0.67258	(96040524)
370499.31	3758049.75	0.65369	(96040524)	370485.19	3758025.25	0.67568	(96040524)
370480.69	3758086.00	0.62409	(96040524)	370505.53	3758112.75	0.61077	(96040524)
370600.72	3758113.25	0.60130c	(96043024)	370695.94	3758113.50	0.62512c	(96043024)
370791.12	3758113.75	0.64986	(96092408)	370886.34	3758114.00	0.67121	(96092408)
370911.41	3758089.00	0.68332	(96092408)	370910.97	3757976.00	0.73410	(96092408)
370910.53	3757863.25	0.82641	(96021824)	370910.06	3757750.50	1.00375	(96021724)
370930.06	3757711.75	1.09895	(96021724)	370960.91	3757689.25	1.17830	(96021724)
371046.47	3757692.50	1.24145	(96021724)	371070.81	3757667.50	1.31057	(96021724)
371071.34	3757585.25	1.50318	(96021724)	371046.88	3757610.00	1.44235	(96021724)
371122.22	3757608.50	1.44126	(96021724)	371099.47	3757595.00	1.47598	(96021724)
371134.94	3757663.25	1.33069	(96021724)	371170.41	3757731.75	1.20775	(96021724)
371239.88	3757782.75	1.12630	(96021724)	371263.72	3757807.50	1.09058	(96021724)
371372.38	3757807.25	1.06059	(96021724)	371385.28	3757826.75	1.03670	(96021724)
371485.00	3757895.25	0.96010	(96010324)	371584.72	3757963.75	0.93992	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.91592	(96011324)	371784.16	3758100.75	0.88880	(96011324)
371818.31	3758095.25	0.90573	(96011324)	371873.25	3758021.75	0.98271	(96010324)
371928.19	3757948.50	1.04108	(96010324)	371969.34	3757946.25	1.03385	(96010324)
371989.16	3757923.75	1.04084	(96010324)	371995.12	3757843.25	1.07306	(96010324)
371969.38	3757866.50	1.07613	(96010324)	372022.50	3757868.25	1.05094	(96010324)
372048.31	3757843.00	1.04439	(96010324)	372047.16	3757745.75	1.09574	(96101124)
372046.03	3757648.50	1.20324	(96101124)	372044.88	3757551.25	1.27787	(96101124)
372040.50	3757447.75	1.30859	(96101124)	372036.12	3757345.00	1.27769	(96101124)
372031.75	3757242.00	1.18236	(96101124)	372027.38	3757139.25	1.14452c	(96100524)
372002.59	3757115.25	1.15007c	(96100524)	371880.53	3757114.25	1.29054	(96090808)
371758.47	3757113.25	1.47937	(96090808)	371636.38	3757112.25	1.69889	(96090808)
371514.31	3757111.25	1.94933	(96090808)	371394.41	3757110.25	2.21924	(96090808)
371274.53	3757109.50	2.49925	(96090808)	371154.62	3757108.50	2.77922	(96090808)
371034.75	3757107.50	3.24622	(96092324)	371059.56	3757132.50	3.08356	(96092324)
371059.44	3757085.25	3.11483	(96091924)	371034.31	3757060.25	3.27439	(96091924)
370944.22	3757060.75	3.86283	(96092324)	370854.12	3757061.25	4.52907	(96092324)
370764.03	3757062.00	4.59302	(96092324)	370789.16	3757086.00	4.34491	(96092324)
370785.78	3756996.25	5.37344	(96092324)	370782.38	3756906.50	5.52260	(96062224)
370778.97	3756816.75	5.55441	(96090724)	370754.94	3756842.75	5.72427	(96090724)
370847.44	3756839.25	4.97478	(96090808)	370939.91	3756835.75	4.21894	(96090808)
371032.41	3756832.25	3.54926	(96061624)	371056.41	3756808.75	3.36516	(96061624)
371058.09	3756781.75	3.31692	(96061624)	371033.69	3756805.25	3.48782	(96061624)
371146.19	3756802.75	2.89679	(96061624)	371258.66	3756800.25	2.39708	(96061624)
371371.16	3756797.75	2.00798	(96061624)	371483.62	3756795.25	1.70279	(96061624)
371595.03	3756793.00	1.47950	(96092624)	371706.41	3756790.50	1.30524	(96092624)
371817.78	3756788.00	1.16048	(96092624)	371932.09	3756785.50	1.04381	(96100824)
372046.38	3756783.00	0.95347	(96100824)	372160.66	3756780.25	0.87475	(96100824)
372274.97	3756777.75	0.82133c	(96100608)	372384.72	3756775.50	0.77607c	(96100608)
372494.47	3756773.00	0.73456c	(96100608)	372604.22	3756770.50	0.69644c	(96100608)
372713.97	3756768.00	0.66135c	(96100608)	372738.38	3756741.75	0.65085c	(96100608)
372732.97	3756646.50	0.63407c	(96100608)	372819.62	3756573.75	0.59028c	(96100608)
372843.78	3756547.75	0.57604c	(96100608)	372839.41	3756453.75	0.54230c	(96100608)
372821.25	3756362.50	0.51947	(96100824)	372795.62	3756342.50	0.52101	(96100824)
372731.31	3756327.75	0.53432	(96100824)	372707.19	3756351.75	0.54869	(96100824)
372927.97	3756344.00	0.48726	(96100824)	372952.09	3756318.75	0.47538	(96100824)
372951.22	3756244.75	0.45638	(96100824)	372926.66	3756270.00	0.46863	(96100824)
373032.78	3756268.00	0.44527	(96100824)	373138.88	3756266.25	0.42365	(96100824)
373245.00	3756264.25	0.40351	(96100824)	373351.12	3756262.25	0.38901c	(96100608)
373457.25	3756260.50	0.37671c	(96100608)	373481.81	3756235.00	0.36597c	(96100608)
373480.34	3756122.50	0.34060	(96100824)	373478.88	3756009.75	0.31913	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.29581	(96100824)	373475.94	3755784.50	0.27104	(96100824)
373474.47	3755672.00	0.26771c	(96010208)	373473.00	3755559.25	0.30175c	(96010208)
373447.00	3755534.75	0.31201c	(96010208)	373334.22	3755539.25	0.32999c	(96010208)
373221.47	3755543.75	0.34784c	(96010208)	373197.47	3755568.25	0.34754c	(96010208)
373195.91	3755636.25	0.33206c	(96010208)	373194.34	3755704.50	0.31098c	(96010208)
373219.59	3755680.00	0.31415c	(96010208)	373134.91	3755679.00	0.33166c	(96010208)
373159.66	3755703.50	0.31851c	(96010208)	373157.94	3755634.75	0.33978c	(96010208)
373156.22	3755566.00	0.35493c	(96010208)	373132.47	3755541.75	0.36231c	(96010208)
373055.34	3755537.75	0.37419c	(96010208)	373079.06	3755562.25	0.36810c	(96010208)
373077.12	3755465.00	0.37353c	(96010208)	373075.16	3755368.00	0.36513c	(96010208)
373073.19	3755270.75	0.34502c	(96010208)	373071.22	3755173.50	0.36881c	(96091908)
373046.00	3755149.00	0.38521c	(96091908)	372939.09	3755150.00	0.42595c	(96091908)
372832.16	3755151.00	0.47084c	(96091908)	372725.25	3755152.00	0.51972c	(96091908)
372622.81	3755157.25	0.56866c	(96091908)	372527.31	3755158.00	0.61791c	(96091908)
372430.69	3755159.00	0.66910c	(96091908)	372334.09	3755159.75	0.72020c	(96091908)
372237.47	3755160.50	0.76920c	(96091908)	372138.81	3755161.25	0.81441c	(96091908)
372040.12	3755162.25	0.85158c	(96091908)	371941.47	3755163.00	0.87685c	(96091908)
371842.78	3755163.75	0.88637c	(96091908)	371747.72	3755164.50	0.87731c	(96091908)
371652.69	3755165.25	0.84797c	(96091908)	371557.62	3755166.25	0.79768c	(96091908)
371462.59	3755167.00	0.72701c	(96091908)	371359.16	3755167.75	0.71428	(96012208)
371255.72	3755168.75	0.74007	(96012208)	371152.25	3755169.50	0.86521c	(96051208)
371048.81	3755170.50	0.98184c	(96051208)	371024.06	3755196.50	1.00584c	(96051208)
371027.69	3755273.25	1.00283c	(96051208)	371031.34	3755350.25	0.98237c	(96051208)
371019.94	3755375.50	0.99148c	(96051208)	371017.91	3755470.00	0.98617	(96012208)
371017.38	3755556.25	1.06502	(96012208)	371040.31	3755531.50	1.03522	(96012208)
371025.97	3755420.25	0.96174c	(96051208)	371015.62	3755399.00	0.98947c	(96051208)
370915.81	3755327.25	1.11381c	(96051208)	370816.03	3755255.25	1.07748c	(96051208)
370736.56	3755243.75	0.98664c	(96051208)	370669.19	3755237.00	0.90819c	(96021108)
370571.06	3755237.25	1.05189c	(96021108)	370475.62	3755237.75	1.14070c	(96021108)
370380.12	3755238.25	1.13624c	(96021108)	370278.66	3755239.00	1.12953	(96030608)
370177.19	3755239.50	1.10283	(96030608)	370075.72	3755240.00	1.02757	(96030608)
369979.41	3755240.50	0.92509	(96030608)	369883.09	3755241.00	0.81491c	(96022808)
369786.78	3755241.50	0.84970c	(96012608)	369690.47	3755242.00	0.92139c	(96012608)
369594.16	3755242.75	0.95145c	(96012608)	369497.88	3755243.25	0.92455c	(96012608)
369396.38	3755243.75	0.83525c	(96012608)	369294.91	3755244.25	0.77796	(96042108)
369193.44	3755244.75	0.80043c	(96020308)	369091.97	3755245.25	0.74065c	(96020308)
368990.50	3755246.00	0.69112c	(96021224)	368889.03	3755246.50	0.66125c	(96021224)
368782.41	3755247.00	0.68532c	(96091808)	368675.78	3755247.50	0.70807c	(96091808)
368569.12	3755248.25	0.72078c	(96091808)	368471.00	3755248.75	0.72383c	(96091808)
368372.84	3755249.25	0.71968c	(96091808)	368274.69	3755249.75	0.70936c	(96091808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.68346c	(96091808)	368053.72	3755209.25	0.65539c	(96091808)
367940.91	3755188.50	0.62669c	(96091808)	367824.03	3755184.75	0.60072c	(96091808)
367710.84	3755181.25	0.57407c	(96091808)	367597.62	3755177.50	0.54665c	(96091808)
367484.44	3755174.00	0.51911c	(96091808)	367460.69	3755189.25	0.52065	(96011208)
367415.00	3755295.25	0.55707c	(96012708)	367369.31	3755401.25	0.63718c	(96012708)
367323.59	3755507.25	0.70714c	(96012708)	367483.66	3755199.00	0.52578	(96011208)
367300.88	3755623.25	0.76777c	(96012708)	367114.28	3756056.25	0.76146c	(96012708)
366984.53	3756357.50	0.69882	(96010808)	366852.91	3756663.00	0.62073	(96010808)
366902.28	3756692.00	0.62905c	(96042308)	366875.53	3756760.00	0.62495c	(96020408)
366812.69	3756738.50	0.61511c	(96020408)	366677.25	3757024.50	0.54461c	(96020408)
366536.22	3757322.00	0.47040c	(96010208)	366437.28	3757530.75	0.42711c	(96010208)
366486.94	3757537.25	0.42666c	(96010208)	366623.91	3757468.00	0.45215c	(96010208)
366644.38	3757530.75	0.43207c	(96010208)	366777.06	3757519.75	0.43748c	(96010208)
366998.56	3757642.25	0.47758c	(96021808)	367174.25	3757739.50	0.50599c	(96021808)
367290.72	3757694.25	0.53360c	(96021808)	367412.66	3757694.75	0.55862c	(96021808)
367409.81	3757735.75	0.55128c	(96021808)	367517.78	3757796.25	0.55718c	(96021808)
367539.25	3757802.00	0.55905c	(96021808)	367609.12	3757676.75	0.60343c	(96021808)
367769.06	3757644.25	0.64674c	(96021808)	367774.81	3757718.50	0.62424c	(96021808)
367809.47	3757834.50	0.58243c	(96021808)	367807.06	3757935.50	0.53476c	(96021808)
367774.94	3757958.50	0.52269c	(96021808)	367798.12	3758011.00	0.49714c	(96021808)
367914.41	3757961.50	0.52187c	(96021808)	367904.53	3757930.25	0.53927c	(96021808)
368108.69	3757840.25	0.59294c	(96021808)	368232.75	3757790.25	0.62568c	(96021808)
368308.88	3757761.50	0.64517c	(96021808)	368603.38	3757765.00	0.63393	(96020924)
368603.84	3757718.50	0.64432c	(96021808)	368769.72	3757798.50	0.73864	(96020924)
369017.16	3757954.25	0.84126	(96020924)	369080.28	3757864.00	0.90286	(96020924)
369224.00	3757952.25	0.92412	(96020924)	369408.72	3757730.00	1.16003	(96020924)
369454.22	3757776.00	1.15208	(96020924)	369264.97	3757996.50	0.91149	(96020924)
369451.62	3758128.00	0.83706	(96020924)	369459.97	3758394.25	0.63924	(96020924)
369853.09	3758394.25	0.48139	(96092824)	369850.44	3758078.00	0.67049	(96020924)
370298.62	3758078.25	0.63034	(96040524)	370297.53	3757962.75	0.69221	(96040524)
370382.34	3757966.00	0.70585	(96040524)	370510.12	3758027.25	0.66637	(96040524)
370505.62	3758087.75	0.62624	(96040524)	370886.41	3758089.00	0.68288	(96092408)
370885.06	3757750.50	0.97537	(96021724)	370907.31	3757701.50	1.09374	(96021724)
370944.91	3757670.00	1.20343	(96021724)	371045.81	3757667.50	1.29375	(96021724)
371046.34	3757585.00	1.50425	(96021724)	371121.66	3757583.50	1.49335	(96021724)
371192.59	3757720.25	1.22461	(96021724)	371253.97	3757762.25	1.15183	(96021724)
371263.66	3757782.50	1.12298	(96021724)	371372.34	3757782.25	1.08523	(96021724)
371399.44	3757806.25	1.05018	(96021724)	371798.31	3758080.25	0.91344	(96011324)
371908.19	3757933.50	1.05527	(96010324)	371964.22	3757921.75	1.04973	(96010324)
371970.19	3757841.50	1.08620	(96010324)	372023.31	3757843.25	1.05817	(96010324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.28758	(96101124)	372002.41	3757140.25	1.16907c	(96100524)
371514.12	3757136.25	1.94341	(96090808)	371034.56	3757132.50	3.16696	(96092324)
371034.44	3757085.25	3.26185	(96092324)	370764.19	3757087.00	4.16562	(96092324)
370754.00	3756817.75	5.99188	(96090724)	371031.47	3756807.25	3.50334	(96061624)
371033.12	3756780.25	3.46596	(96061624)	371483.09	3756770.25	1.70189	(96092624)
371817.25	3756763.00	1.15794	(96100824)	372274.41	3756752.75	0.81874c	(96100608)
372713.41	3756743.00	0.65853c	(96100608)	372702.62	3756552.50	0.61358c	(96100608)
372818.81	3756548.75	0.58245c	(96100608)	372814.44	3756455.00	0.54816c	(96100608)
372796.75	3756367.50	0.52754	(96100824)	372704.81	3756371.50	0.55537	(96100824)
372706.31	3756326.75	0.54104	(96100824)	372927.09	3756319.25	0.48141	(96100824)
372926.22	3756245.00	0.46179	(96100824)	373456.81	3756235.50	0.36868c	(96100608)
373448.00	3755559.75	0.30594c	(96010208)	373222.47	3755568.75	0.34314c	(96010208)
373219.34	3755705.00	0.30567c	(96010208)	373134.66	3755704.00	0.32355c	(96010208)
373131.22	3755566.75	0.35898c	(96010208)	373054.09	3755562.75	0.37196c	(96010208)
373046.22	3755174.00	0.37757c	(96091908)	372725.47	3755177.00	0.51178c	(96091908)
372624.12	3755182.25	0.56059c	(96091908)	372237.69	3755185.50	0.76873c	(96091908)
371843.00	3755188.75	0.90364c	(96091908)	371462.81	3755192.00	0.75899c	(96091908)
371049.03	3755195.50	0.98254c	(96051208)	371056.31	3755349.00	0.94382c	(96051208)
371043.41	3755384.00	0.94958c	(96051208)	371042.38	3755556.25	1.05497	(96012208)
370995.81	3755560.25	1.07563	(96012208)	371001.00	3755419.25	1.00539c	(96051208)
370801.41	3755275.50	1.08404c	(96051208)	370666.66	3755261.75	0.91711c	(96021108)
370380.28	3755263.25	1.15877c	(96021108)	370075.88	3755265.00	1.04398	(96030608)
369786.91	3755266.50	0.86485c	(96012608)	369498.00	3755268.25	0.92117c	(96012608)
369193.59	3755269.75	0.79560c	(96020308)	368889.16	3755271.50	0.67888c	(96091808)
368569.28	3755273.25	0.74137c	(96091808)	368274.84	3755274.75	0.72218c	(96091808)
367936.44	3755213.25	0.63234c	(96091808)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	1.64258	(96101124)	372498.53	3757611.75	1.43459	(96101124)
372248.53	3757861.75	1.70099c	(96100808)	372498.53	3757861.75	1.41974c	(96100808)
372248.53	3758111.75	1.55675c	(96100808)	372498.53	3758111.75	1.44372c	(96100808)
372248.53	3758361.75	1.24690c	(96100808)	372498.53	3758361.75	1.28569c	(96100808)
373792.78	3755334.75	0.48052c	(96010208)	374092.78	3755334.75	0.41742c	(96010208)
373792.78	3755709.75	0.37136c	(96010208)	374092.78	3755709.75	0.34981c	(96052108)
373792.78	3756084.75	0.42630c	(96052108)	374092.78	3756084.75	0.38353c	(96052108)
373792.78	3756459.75	0.51998c	(96100608)	374092.78	3756459.75	0.46384c	(96100608)
373792.78	3756834.75	0.57564c	(96100608)	374092.78	3756834.75	0.50945c	(96100608)
373792.78	3757209.75	0.54786c	(96100608)	374092.78	3757209.75	0.49071c	(96100608)
373792.78	3757584.75	0.59571	(96101124)	374092.78	3757584.75	0.49748	(96100224)
373792.78	3757959.75	0.73381	(96101124)	374092.78	3757959.75	0.62837	(96101124)
373792.78	3758334.75	0.73531	(96101124)	374092.78	3758334.75	0.66687	(96101124)
373792.78	3758709.75	0.77955c	(96100808)	374092.78	3758709.75	0.66301c	(96100808)
370479.03	3756653.75	22.20203c	(96011916)	367277.91	3755613.50	1.08904c	(96012708)
367231.25	3755721.75	1.11765c	(96012708)	367184.62	3755830.00	1.11448c	(96012708)
367137.97	3755938.25	1.08224c	(96012708)	367091.34	3756046.50	1.08614	(96010808)
367048.09	3756146.75	1.15513	(96010808)	367004.81	3756247.25	1.19107	(96010808)
366961.56	3756347.50	1.19279	(96010808)	366917.69	3756449.50	1.16222	(96010808)
366873.81	3756551.25	1.10454	(96010808)	366829.94	3756653.00	1.11796c	(96020408)
366840.22	3756684.50	1.12990c	(96020408)	366889.59	3756713.50	1.15466c	(96020408)
366879.00	3756682.75	1.14518c	(96020408)	366852.25	3756751.00	1.14189c	(96020408)
366883.62	3756736.50	1.15418c	(96020408)	366820.78	3756715.00	1.12706c	(96020408)
366790.12	3756728.00	1.11631c	(96020408)	366744.97	3756823.25	1.09443c	(96020408)
366699.81	3756918.50	1.05114c	(96020408)	366654.66	3757013.75	0.99067c	(96020408)
366607.66	3757113.00	0.91437c	(96020408)	366560.62	3757212.00	0.82979c	(96020408)
366513.62	3757311.25	0.80137c	(96010208)	366464.16	3757415.75	0.77689c	(96010208)
366414.69	3757520.00	0.73878c	(96010208)	366434.03	3757555.50	0.73147c	(96010608)
366483.69	3757562.00	0.74301c	(96010608)	366566.69	3757525.00	0.76184c	(96010608)
366620.62	3757538.50	0.77511c	(96010608)	366646.41	3757555.50	0.78043c	(96010608)
366712.75	3757550.25	0.79610c	(96010608)	366779.09	3757544.75	0.81201c	(96010608)
366838.81	3757582.50	0.81750c	(96010608)	366912.62	3757623.25	0.81672c	(96010608)
366986.47	3757664.25	0.80586c	(96010608)	367074.31	3757712.75	0.77956c	(96010608)
367162.16	3757761.25	0.73866c	(96010608)	367299.75	3757717.75	0.77361c	(96010608)
367384.88	3757734.00	0.74993c	(96010608)	367397.59	3757757.50	0.72486	(96010724)
367505.56	3757818.00	0.68984	(96010724)	367532.81	3757826.00	0.68340	(96010724)
367561.06	3757814.00	0.69199	(96010724)	367596.03	3757751.50	0.73966	(96010724)
367630.97	3757689.00	0.78599	(96010724)	367694.09	3757685.00	0.79311	(96010724)
367749.88	3757720.50	0.76567	(96010724)	367785.50	3757841.75	0.67967	(96052708)
367782.09	3757935.00	0.66222	(96052708)	367752.06	3757968.50	0.64773	(96052708)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.63974c	(96101908)	367807.91	3758034.00	0.64888c	(96101908)
367866.06	3758009.25	0.66888c	(96101908)	367924.19	3757984.50	0.68979c	(96101908)
367938.25	3757954.00	0.69758c	(96101908)	367928.38	3757922.75	0.69774	(96052708)
367914.62	3757953.25	0.68955c	(96101908)	368016.69	3757908.25	0.72960c	(96101908)
368118.78	3757863.25	0.77332c	(96101908)	368180.06	3757838.50	0.80115c	(96101908)
368242.09	3757813.50	0.83078c	(96101908)	368317.75	3757784.75	0.86866c	(96101908)
368406.72	3757787.75	0.90392c	(96101908)	368504.88	3757788.75	0.93761c	(96101908)
368603.06	3757790.00	0.96259c	(96101908)	368628.38	3757765.25	0.98662c	(96101908)
368675.91	3757781.00	1.01550	(96020924)	368758.84	3757821.00	1.08792	(96020924)
368838.88	3757871.50	1.13751	(96020924)	368921.38	3757923.50	1.16456	(96020924)
369003.84	3757975.50	1.16704	(96020924)	369037.66	3757968.75	1.18692	(96020924)
369100.78	3757878.25	1.30300	(96020924)	369067.19	3757885.25	1.27813	(96020924)
369139.03	3757929.50	1.26451	(96020924)	369210.91	3757973.75	1.23340	(96020924)
369243.25	3757968.25	1.24631	(96020924)	369304.81	3757894.25	1.35802	(96020924)
369366.38	3757820.00	1.48826	(96020924)	369436.44	3757793.50	1.55911	(96020924)
369435.25	3757759.75	1.62046	(96020924)	369250.56	3758016.75	1.18712	(96020924)
369343.91	3758082.50	1.10947	(96020924)	369437.25	3758148.25	1.00742	(96020924)
369429.41	3758217.50	0.92969	(96020924)	369432.19	3758306.25	0.83787	(96020924)
369434.97	3758395.00	0.75689	(96020924)	369459.97	3758419.25	0.72818	(96020924)
369558.25	3758419.25	0.68885	(96020924)	369656.53	3758419.25	0.63980	(96020924)
369754.81	3758419.25	0.80040c	(96020324)	369853.09	3758419.25	0.98428c	(96020324)
369878.09	3758394.00	1.03347c	(96020324)	369877.19	3758288.75	1.04787c	(96020324)
369876.31	3758183.25	1.05354c	(96020324)	369962.47	3758103.00	1.27800c	(96020324)
370074.53	3758103.00	1.58461c	(96020324)	370186.59	3758103.00	1.60617c	(96020324)
370298.62	3758103.25	1.45367c	(96020324)	370323.62	3758078.00	1.42774c	(96020324)
370381.38	3757991.00	1.35664c	(96020324)	370435.41	3758019.25	1.18458	(96010924)
370499.31	3758049.75	1.19494	(96040424)	370485.19	3758025.25	1.21577	(96040424)
370480.69	3758086.00	1.11976	(96010924)	370505.53	3758112.75	1.11367	(96040424)
370600.72	3758113.25	1.15377	(96040424)	370695.94	3758113.50	1.14783	(96092408)
370791.12	3758113.75	1.19651	(96092408)	370886.34	3758114.00	1.19190	(96092408)
370911.41	3758089.00	1.20589	(96092408)	370910.97	3757976.00	1.31766	(96092408)
370910.53	3757863.25	1.44438	(96092408)	370910.06	3757750.50	1.59731	(96092408)
370930.06	3757711.75	1.61560	(96092408)	370960.91	3757689.25	1.58306	(96092408)
371046.47	3757692.50	1.61120c	(96021308)	371070.81	3757667.50	1.73505c	(96021308)
371071.34	3757585.25	1.97509c	(96021308)	371046.88	3757610.00	1.88108c	(96021308)
371122.22	3757608.50	2.00279	(96011324)	371099.47	3757595.00	2.00458	(96011324)
371134.94	3757663.25	1.78983c	(96021308)	371170.41	3757731.75	1.65688c	(96021308)
371239.88	3757782.75	1.57939c	(96021308)	371263.72	3757807.50	1.54312c	(96021308)
371372.38	3757807.25	1.71399	(96011324)	371385.28	3757826.75	1.67236	(96011324)
371485.00	3757895.25	1.59623	(96011324)	371584.72	3757963.75	1.51857	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	1.44388c	(96100808)	371784.16	3758100.75	1.39629c	(96100808)
371818.31	3758095.25	1.44501c	(96100808)	371873.25	3758021.75	1.65140c	(96100808)
371928.19	3757948.50	1.81234c	(96100808)	371969.34	3757946.25	1.81533c	(96100808)
371989.16	3757923.75	1.84504c	(96100808)	371995.12	3757843.25	1.93937c	(96100808)
371969.38	3757866.50	1.92812c	(96100808)	372022.50	3757868.25	1.89661c	(96100808)
372048.31	3757843.00	1.89989c	(96100808)	372047.16	3757745.75	1.94643c	(96100808)
372046.03	3757648.50	1.93298c	(96100808)	372044.88	3757551.25	1.86483	(96101124)
372040.50	3757447.75	1.95493	(96101124)	372036.12	3757345.00	1.96932	(96101124)
372031.75	3757242.00	1.89464	(96101124)	372027.38	3757139.25	1.72991	(96101124)
372002.59	3757115.25	1.72713	(96101124)	371880.53	3757114.25	1.99440	(96101124)
371758.47	3757113.25	2.31020	(96101124)	371636.38	3757112.25	2.68083	(96101124)
371514.31	3757111.25	3.10893	(96101124)	371394.41	3757110.25	3.58118	(96101124)
371274.53	3757109.50	4.13574	(96101124)	371154.62	3757108.50	4.75320	(96101124)
371034.75	3757107.50	5.12986c	(96100808)	371059.56	3757132.50	4.96236c	(96100808)
371059.44	3757085.25	5.31591	(96101124)	371034.31	3757060.25	5.66017	(96101124)
370944.22	3757060.75	5.94003	(96010324)	370854.12	3757061.25	6.97926	(96010324)
370764.03	3757062.00	7.38594	(96011324)	370789.16	3757086.00	6.95421	(96011324)
370785.78	3756996.25	8.56607	(96092324)	370782.38	3756906.50	8.51226c	(96101724)
370778.97	3756816.75	9.40393	(96090808)	370754.94	3756842.75	9.94722	(96090808)
370847.44	3756839.25	7.93170	(96090808)	370939.91	3756835.75	6.24097	(96101124)
371032.41	3756832.25	4.90226	(96101124)	371056.41	3756808.75	4.41103	(96101024)
371058.09	3756781.75	4.20946	(96101024)	371033.69	3756805.25	4.59639	(96101024)
371146.19	3756802.75	3.64633	(96101024)	371258.66	3756800.25	3.18896c	(96100608)
371371.16	3756797.75	2.83003c	(96100608)	371483.62	3756795.25	2.52447c	(96100608)
371595.03	3756793.00	2.26617c	(96100608)	371706.41	3756790.50	2.04509c	(96100608)
371817.78	3756788.00	1.85478c	(96100608)	371932.09	3756785.50	1.68611c	(96100608)
372046.38	3756783.00	1.54000c	(96100608)	372160.66	3756780.25	1.41267c	(96100608)
372274.97	3756777.75	1.30107c	(96100608)	372384.72	3756775.50	1.20648c	(96100608)
372494.47	3756773.00	1.12231c	(96100608)	372604.22	3756770.50	1.04711c	(96100608)
372713.97	3756768.00	0.97964c	(96100608)	372738.38	3756741.75	0.96178c	(96100608)
372732.97	3756646.50	0.93940c	(96100608)	372819.62	3756573.75	0.86558c	(96100608)
372843.78	3756547.75	0.84236c	(96100608)	372839.41	3756453.75	0.79367c	(96100608)
372821.25	3756362.50	0.74108c	(96100608)	372795.62	3756342.50	0.73551c	(96100608)
372731.31	3756327.75	0.74611c	(96100608)	372707.19	3756351.75	0.77381c	(96100608)
372927.97	3756344.00	0.69358c	(96100608)	372952.09	3756318.75	0.67008c	(96100608)
372951.22	3756244.75	0.62117c	(96100608)	372926.66	3756270.00	0.64467c	(96100608)
373032.78	3756268.00	0.61629c	(96100608)	373138.88	3756266.25	0.58986c	(96100608)
373245.00	3756264.25	0.56495c	(96100608)	373351.12	3756262.25	0.54159c	(96100608)
373457.25	3756260.50	0.51978c	(96100608)	373481.81	3756235.00	0.50416c	(96100608)
373480.34	3756122.50	0.47517c	(96052108)	373478.88	3756009.75	0.46997c	(96052108)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.44437c	(96052108)	373475.94	3755784.50	0.42771c	(96010208)
373474.47	3755672.00	0.48103c	(96010208)	373473.00	3755559.25	0.52051c	(96010208)
373447.00	3755534.75	0.53435c	(96010208)	373334.22	3755539.25	0.56665c	(96010208)
373221.47	3755543.75	0.59962c	(96010208)	373197.47	3755568.25	0.60330c	(96010208)
373195.91	3755636.25	0.58831c	(96010208)	373194.34	3755704.50	0.56499c	(96010208)
373219.59	3755680.00	0.56526c	(96010208)	373134.91	3755679.00	0.59686c	(96010208)
373159.66	3755703.50	0.57848c	(96010208)	373157.94	3755634.75	0.60203c	(96010208)
373156.22	3755566.00	0.61655c	(96010208)	373132.47	3755541.75	0.62626c	(96010208)
373055.34	3755537.75	0.64866c	(96010208)	373079.06	3755562.25	0.64075c	(96010208)
373077.12	3755465.00	0.63862c	(96010208)	373075.16	3755368.00	0.61817c	(96010208)
373073.19	3755270.75	0.58232c	(96010208)	373071.22	3755173.50	0.53512c	(96010208)
373046.00	3755149.00	0.52056c	(96010208)	372939.09	3755150.00	0.51234c	(96010208)
372832.16	3755151.00	0.56219c	(96091908)	372725.25	3755152.00	0.61915c	(96091908)
372622.81	3755157.25	0.67658c	(96091908)	372527.31	3755158.00	0.73387c	(96091908)
372430.69	3755159.00	0.79357c	(96091908)	372334.09	3755159.75	0.85373c	(96091908)
372237.47	3755160.50	0.91254c	(96091908)	372138.81	3755161.25	0.96874c	(96091908)
372040.12	3755162.25	1.01814c	(96091908)	371941.47	3755163.00	1.05688c	(96091908)
371842.78	3755163.75	1.08103c	(96091908)	371747.72	3755164.50	1.08667c	(96091908)
371652.69	3755165.25	1.07164c	(96091908)	371557.62	3755166.25	1.03374c	(96091908)
371462.59	3755167.00	1.04227	(96032008)	371359.16	3755167.75	1.06437	(96032008)
371255.72	3755168.75	1.16340c	(96051208)	371152.25	3755169.50	1.36186c	(96051208)
371048.81	3755170.50	1.52622c	(96051208)	371024.06	3755196.50	1.58118c	(96051208)
371027.69	3755273.25	1.64224c	(96051208)	371031.34	3755350.25	1.69019c	(96051208)
371019.94	3755375.50	1.73393c	(96051208)	371017.91	3755470.00	1.78985c	(96051208)
371017.38	3755556.25	1.79799c	(96051208)	371040.31	3755531.50	1.70710c	(96051208)
371025.97	3755420.25	1.74356c	(96051208)	371015.62	3755399.00	1.76017c	(96051208)
370915.81	3755327.25	1.88544c	(96051208)	370816.03	3755255.25	1.81300c	(96051208)
370736.56	3755243.75	1.71003c	(96051208)	370669.19	3755237.00	1.55041c	(96051208)
370571.06	3755237.25	1.57771c	(96021108)	370475.62	3755237.75	1.66449c	(96021108)
370380.12	3755238.25	1.66414c	(96021108)	370278.66	3755239.00	1.59348	(96030608)
370177.19	3755239.50	1.55734	(96030608)	370075.72	3755240.00	1.48493	(96030608)
369979.41	3755240.50	1.52339c	(96012608)	369883.09	3755241.00	1.73472c	(96012608)
369786.78	3755241.50	1.92349c	(96012608)	369690.47	3755242.00	2.06238c	(96012608)
369594.16	3755242.75	2.10531c	(96012608)	369497.88	3755243.25	2.04142c	(96012608)
369396.38	3755243.75	2.18970c	(96020308)	369294.91	3755244.25	2.47641c	(96020308)
369193.44	3755244.75	2.50061c	(96020308)	369091.97	3755245.25	2.30550c	(96020308)
368990.50	3755246.00	1.99134c	(96020308)	368889.03	3755246.50	1.65403c	(96020308)
368782.41	3755247.00	1.33953c	(96020308)	368675.78	3755247.50	1.30644c	(96012908)
368569.12	3755248.25	1.32465c	(96012908)	368471.00	3755248.75	1.32345c	(96012908)
368372.84	3755249.25	1.30911c	(96012908)	368274.69	3755249.75	1.28496c	(96012908)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.23716c	(96012908)	368053.72	3755209.25	1.18645c	(96012908)
367940.91	3755188.50	1.13574c	(96012908)	367824.03	3755184.75	1.09115c	(96012908)
367710.84	3755181.25	1.04759c	(96012908)	367597.62	3755177.50	1.00445c	(96012908)
367484.44	3755174.00	0.96246c	(96012908)	367460.69	3755189.25	0.95714c	(96012908)
367415.00	3755295.25	0.95783c	(96012908)	367369.31	3755401.25	0.94860c	(96012908)
367323.59	3755507.25	1.03077c	(96012708)	367483.66	3755199.00	0.96752c	(96012908)
367300.88	3755623.25	1.10155c	(96012708)	367114.28	3756056.25	1.10138	(96010808)
366984.53	3756357.50	1.20342	(96010808)	366852.91	3756663.00	1.12988c	(96020408)
366902.28	3756692.00	1.15660c	(96020408)	366875.53	3756760.00	1.15125c	(96020408)
366812.69	3756738.50	1.12581c	(96020408)	366677.25	3757024.50	0.99064c	(96020408)
366536.22	3757322.00	0.80646c	(96010208)	366437.28	3757530.75	0.73834c	(96010208)
366486.94	3757537.25	0.74309c	(96010208)	366623.91	3757468.00	0.79272c	(96010208)
366644.38	3757530.75	0.78095c	(96010608)	366777.06	3757519.75	0.81395c	(96010608)
366998.56	3757642.25	0.81951c	(96010608)	367174.25	3757739.50	0.75789c	(96010608)
367290.72	3757694.25	0.79679c	(96010608)	367412.66	3757694.75	0.79048c	(96010608)
367409.81	3757735.75	0.74519c	(96010608)	367517.78	3757796.25	0.70570	(96010724)
367539.25	3757802.00	0.70150	(96010724)	367609.12	3757676.75	0.79210	(96010724)
367769.06	3757644.25	0.82886	(96010724)	367774.81	3757718.50	0.76706	(96010724)
367809.47	3757834.50	0.68774	(96052708)	367807.06	3757935.50	0.66778	(96052708)
367774.94	3757958.50	0.65503	(96052708)	367798.12	3758011.00	0.64747c	(96101908)
367914.41	3757961.50	0.68884c	(96101908)	367904.53	3757930.25	0.69035	(96052708)
368108.69	3757840.25	0.77168c	(96101908)	368232.75	3757790.25	0.83043c	(96101908)
368308.88	3757761.50	0.86940c	(96101908)	368603.38	3757765.00	0.98060c	(96101908)
368603.84	3757718.50	1.01080c	(96101908)	368769.72	3757798.50	1.10047	(96020924)
369017.16	3757954.25	1.19115	(96020924)	369080.28	3757864.00	1.30550	(96020924)
369224.00	3757952.25	1.26247	(96020924)	369408.72	3757730.00	1.66046	(96020924)
369454.22	3757776.00	1.59863	(96020924)	369264.97	3757996.50	1.21389	(96020924)
369451.62	3758128.00	1.02848	(96020924)	369459.97	3758394.25	0.74904	(96020924)
369853.09	3758394.25	0.98754c	(96020324)	369850.44	3758078.00	0.97911c	(96020324)
370298.62	3758078.25	1.48173c	(96020324)	370297.53	3757962.75	1.63441c	(96020324)
370382.34	3757966.00	1.37534c	(96020324)	370510.12	3758027.25	1.24297	(96040424)
370505.62	3758087.75	1.14670	(96040424)	370886.41	3758089.00	1.21734	(96092408)
370885.06	3757750.50	1.63978	(96092408)	370907.31	3757701.50	1.67435	(96092408)
370944.91	3757670.00	1.64229	(96092408)	371045.81	3757667.50	1.68736c	(96021308)
371046.34	3757585.00	1.96189c	(96021308)	371121.66	3757583.50	2.12758	(96011324)
371192.59	3757720.25	1.69339	(96011324)	371253.97	3757762.25	1.66945	(96011324)
371263.66	3757782.50	1.61758	(96011324)	371372.34	3757782.25	1.78999	(96011324)
371399.44	3757806.25	1.74907	(96011324)	371798.31	3758080.25	1.45948c	(96100808)
371908.19	3757933.50	1.83772c	(96100808)	371964.22	3757921.75	1.85366c	(96100808)
371970.19	3757841.50	1.95724c	(96100808)	372023.31	3757843.25	1.91927c	(96100808)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	1.90339c	(96100808)	372002.41	3757140.25	1.78218	(96101124)
371514.12	3757136.25	3.13350	(96101124)	371034.56	3757132.50	5.10390c	(96100808)
371034.44	3757085.25	5.38561	(96101124)	370764.19	3757087.00	6.63498	(96011324)
370754.00	3756817.75	10.02020	(96090808)	371031.47	3756807.25	4.63260	(96101024)
371033.12	3756780.25	4.42777	(96101024)	371483.09	3756770.25	2.54496c	(96100608)
371817.25	3756763.00	1.85755c	(96100608)	372274.41	3756752.75	1.29832c	(96100608)
372713.41	3756743.00	0.97627c	(96100608)	372702.62	3756552.50	0.91322c	(96100608)
372818.81	3756548.75	0.85431c	(96100608)	372814.44	3756455.00	0.80462c	(96100608)
372796.75	3756367.50	0.75324c	(96100608)	372704.81	3756371.50	0.79032c	(96100608)
372706.31	3756326.75	0.75391c	(96100608)	372927.09	3756319.25	0.67773c	(96100608)
372926.22	3756245.00	0.62748c	(96100608)	373456.81	3756235.50	0.50893c	(96100608)
373448.00	3755559.75	0.52786c	(96010208)	373222.47	3755568.75	0.59537c	(96010208)
373219.34	3755705.00	0.55547c	(96010208)	373134.66	3755704.00	0.58782c	(96010208)
373131.22	3755566.75	0.62424c	(96010208)	373054.09	3755562.75	0.64831c	(96010208)
373046.22	3755174.00	0.53442c	(96010208)	372725.47	3755177.00	0.61264c	(96091908)
372624.12	3755182.25	0.67025c	(96091908)	372237.69	3755185.50	0.91566c	(96091908)
371843.00	3755188.75	1.10389c	(96091908)	371462.81	3755192.00	1.05790	(96032008)
371049.03	3755195.50	1.54573c	(96051208)	371056.31	3755349.00	1.62954c	(96051208)
371043.41	3755384.00	1.67839c	(96051208)	371042.38	3755556.25	1.68629c	(96051208)
370995.81	3755560.25	1.89053c	(96051208)	371001.00	3755419.25	1.81296c	(96051208)
370801.41	3755275.50	1.85364c	(96051208)	370666.66	3755261.75	1.60332c	(96051208)
370380.28	3755263.25	1.72181c	(96021108)	370075.88	3755265.00	1.52390	(96030608)
369786.91	3755266.50	1.98488c	(96012608)	369498.00	3755268.25	2.06739c	(96012608)
369193.59	3755269.75	2.51596c	(96020308)	368889.16	3755271.50	1.60423c	(96020308)
368569.28	3755273.25	1.35636c	(96012908)	368274.84	3755274.75	1.30407c	(96012908)
367936.44	3755213.25	1.14526c	(96012908)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.60016	(96090824)	372498.53	3757611.75	0.51662	(96090824)
372248.53	3757861.75	0.51931	(96062224)	372498.53	3757861.75	0.47133	(96090824)
372248.53	3758111.75	0.41440	(96062224)	372498.53	3758111.75	0.41107	(96062224)
372248.53	3758361.75	0.34477c	(96011324)	372498.53	3758361.75	0.32705c	(96011324)
373792.78	3755334.75	0.11364c	(96010224)	374092.78	3755334.75	0.09954c	(96010224)
373792.78	3755709.75	0.09550c	(96100824)	374092.78	3755709.75	0.08908c	(96100824)
373792.78	3756084.75	0.12306c	(96100824)	374092.78	3756084.75	0.11087c	(96100824)
373792.78	3756459.75	0.14635c	(96092624)	374092.78	3756459.75	0.12965c	(96100624)
373792.78	3756834.75	0.21159c	(96090324)	374092.78	3756834.75	0.18563c	(96090324)
373792.78	3757209.75	0.26871c	(96090324)	374092.78	3757209.75	0.23725c	(96090324)
373792.78	3757584.75	0.26152c	(96090324)	374092.78	3757584.75	0.23918c	(96090324)
373792.78	3757959.75	0.26098c	(96090424)	374092.78	3757959.75	0.22687c	(96090424)
373792.78	3758334.75	0.27039	(96101124)	374092.78	3758334.75	0.24441	(96101124)
373792.78	3758709.75	0.23990	(96101124)	374092.78	3758709.75	0.23012	(96101124)
370479.03	3756653.75	6.62562	(96030524)	367277.91	3755613.50	0.33030c	(96012724)
367231.25	3755721.75	0.34935c	(96012724)	367184.62	3755830.00	0.35936c	(96012724)
367137.97	3755938.25	0.36044c	(96012724)	367091.34	3756046.50	0.35363c	(96012724)
367048.09	3756146.75	0.34153c	(96012724)	367004.81	3756247.25	0.32511c	(96012724)
366961.56	3756347.50	0.32290	(96010824)	366917.69	3756449.50	0.33206	(96010824)
366873.81	3756551.25	0.33451	(96010824)	366829.94	3756653.00	0.33144	(96010824)
366840.22	3756684.50	0.33232	(96010824)	366889.59	3756713.50	0.33749	(96010824)
366879.00	3756682.75	0.33685	(96010824)	366852.25	3756751.00	0.33193	(96010824)
366883.62	3756736.50	0.33611	(96010824)	366820.78	3756715.00	0.32946	(96010824)
366790.12	3756728.00	0.32563	(96010824)	366744.97	3756823.25	0.31649	(96010824)
366699.81	3756918.50	0.30559	(96010824)	366654.66	3757013.75	0.29365	(96010824)
366607.66	3757113.00	0.28061	(96010824)	366560.62	3757212.00	0.26725	(96010824)
366513.62	3757311.25	0.25368	(96010824)	366464.16	3757415.75	0.23923	(96010824)
366414.69	3757520.00	0.22467	(96010824)	366434.03	3757555.50	0.22151	(96010824)
366483.69	3757562.00	0.22321	(96010824)	366566.69	3757525.00	0.23226	(96010824)
366620.62	3757538.50	0.23337	(96010824)	366646.41	3757555.50	0.23236	(96010824)
366712.75	3757550.25	0.23656	(96010824)	366779.09	3757544.75	0.24090	(96010824)
366838.81	3757582.50	0.23779	(96010824)	366912.62	3757623.25	0.23391	(96010824)
366986.47	3757664.25	0.22881	(96010824)	367074.31	3757712.75	0.22119	(96010824)
367162.16	3757761.25	0.21482c	(96020824)	367299.75	3757717.75	0.22849c	(96020824)
367384.88	3757734.00	0.23143c	(96020824)	367397.59	3757757.50	0.22859c	(96020824)
367505.56	3757818.00	0.22318c	(96020824)	367532.81	3757826.00	0.22262c	(96020824)
367561.06	3757814.00	0.22589c	(96020824)	367596.03	3757751.50	0.23955c	(96020824)
367630.97	3757689.00	0.25358c	(96020824)	367694.09	3757685.00	0.25802c	(96020824)
367749.88	3757720.50	0.25296c	(96020824)	367785.50	3757841.75	0.25201	(96020924)
367782.09	3757935.00	0.25417	(96020924)	367752.06	3757968.50	0.25016	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.25398	(96020924)	367807.91	3758034.00	0.25864	(96020924)
367866.06	3758009.25	0.26740	(96020924)	367924.19	3757984.50	0.27662	(96020924)
367938.25	3757954.00	0.27922	(96020924)	367928.38	3757922.75	0.27770	(96020924)
367914.62	3757953.25	0.27539	(96020924)	368016.69	3757908.25	0.29292	(96020924)
368118.78	3757863.25	0.31225	(96020924)	368180.06	3757838.50	0.32477	(96020924)
368242.09	3757813.50	0.33824	(96020924)	368317.75	3757784.75	0.35575	(96020924)
368406.72	3757787.75	0.37550	(96020924)	368504.88	3757788.75	0.39734	(96020924)
368603.06	3757790.00	0.41856	(96020924)	368628.38	3757765.25	0.42848	(96020924)
368675.91	3757781.00	0.43568	(96020924)	368758.84	3757821.00	0.44122	(96020924)
368838.88	3757871.50	0.43633	(96020924)	368921.38	3757923.50	0.42409	(96020924)
369003.84	3757975.50	0.40607	(96020924)	369037.66	3757968.75	0.40906	(96020924)
369100.78	3757878.25	0.45032	(96020924)	369067.19	3757885.25	0.44634	(96020924)
369139.03	3757929.50	0.42562	(96020924)	369210.91	3757973.75	0.40277	(96020924)
369243.25	3757968.25	0.40372	(96020924)	369304.81	3757894.25	0.43694	(96020924)
369366.38	3757820.00	0.47519	(96020924)	369436.44	3757793.50	0.48682	(96020924)
369435.25	3757759.75	0.50869	(96020924)	369250.56	3758016.75	0.38155	(96020924)
369343.91	3758082.50	0.34744	(96020924)	369437.25	3758148.25	0.31131	(96020924)
369429.41	3758217.50	0.28791	(96020924)	369432.19	3758306.25	0.25975	(96020924)
369434.97	3758395.00	0.23491	(96020924)	369459.97	3758419.25	0.22541	(96020924)
369558.25	3758419.25	0.21050	(96020924)	369656.53	3758419.25	0.19285	(96020924)
369754.81	3758419.25	0.18900	(96062024)	369853.09	3758419.25	0.20580c	(96092824)
369878.09	3758394.00	0.21125c	(96092824)	369877.19	3758288.75	0.21869c	(96092824)
369876.31	3758183.25	0.22522c	(96092824)	369962.47	3758103.00	0.25145c	(96092824)
370074.53	3758103.00	0.25451c	(96092824)	370186.59	3758103.00	0.25285	(96062424)
370298.62	3758103.25	0.27687	(96062424)	370323.62	3758078.00	0.28759	(96062424)
370381.38	3757991.00	0.31639	(96062424)	370435.41	3758019.25	0.29887	(96062424)
370499.31	3758049.75	0.27783	(96062424)	370485.19	3758025.25	0.28771	(96062424)
370480.69	3758086.00	0.27126	(96062424)	370505.53	3758112.75	0.26003	(96062424)
370600.72	3758113.25	0.24811c	(96040524)	370695.94	3758113.50	0.24989c	(96043024)
370791.12	3758113.75	0.25820	(96092424)	370886.34	3758114.00	0.28860c	(96021724)
370911.41	3758089.00	0.30609c	(96021724)	370910.97	3757976.00	0.35445c	(96021724)
370910.53	3757863.25	0.41162c	(96021724)	370910.06	3757750.50	0.47932c	(96021724)
370930.06	3757711.75	0.50898c	(96021724)	370960.91	3757689.25	0.53000c	(96021724)
371046.47	3757692.50	0.55623c	(96050324)	371070.81	3757667.50	0.59253c	(96050324)
371071.34	3757585.25	0.68231c	(96050324)	371046.88	3757610.00	0.64254c	(96050324)
371122.22	3757608.50	0.67610c	(96050324)	371099.47	3757595.00	0.68274c	(96050324)
371134.94	3757663.25	0.62371c	(96050324)	371170.41	3757731.75	0.57193c	(96050324)
371239.88	3757782.75	0.54990c	(96050324)	371263.72	3757807.50	0.53677c	(96050324)
371372.38	3757807.25	0.55571c	(96050324)	371385.28	3757826.75	0.54395c	(96050324)
371485.00	3757895.25	0.51006c	(96050324)	371584.72	3757963.75	0.47810c	(96050324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.44835c	(96050324)	371784.16	3758100.75	0.42089c	(96050324)
371818.31	3758095.25	0.42226c	(96050324)	371873.25	3758021.75	0.44459c	(96050324)
371928.19	3757948.50	0.47862	(96062224)	371969.34	3757946.25	0.48541	(96062224)
371989.16	3757923.75	0.50184	(96062224)	371995.12	3757843.25	0.55247	(96062224)
371969.38	3757866.50	0.53772	(96062224)	372022.50	3757868.25	0.53706	(96062224)
372048.31	3757843.00	0.55044	(96062224)	372047.16	3757745.75	0.59991	(96062224)
372046.03	3757648.50	0.64350	(96090824)	372044.88	3757551.25	0.69113	(96090824)
372040.50	3757447.75	0.72501	(96090824)	372036.12	3757345.00	0.73483	(96090824)
372031.75	3757242.00	0.73329c	(96061624)	372027.38	3757139.25	0.74565c	(96061624)
372002.59	3757115.25	0.76015c	(96061624)	371880.53	3757114.25	0.85288c	(96061624)
371758.47	3757113.25	0.95731c	(96061624)	371636.38	3757112.25	1.07245c	(96061624)
371514.31	3757111.25	1.23172	(96090824)	371394.41	3757110.25	1.43124	(96090824)
371274.53	3757109.50	1.65423	(96090824)	371154.62	3757108.50	1.88308	(96090824)
371034.75	3757107.50	2.03919	(96090824)	371059.56	3757132.50	1.90513	(96090824)
371059.44	3757085.25	2.11023	(96090824)	371034.31	3757060.25	2.25108	(96090824)
370944.22	3757060.75	2.35970	(96090824)	370854.12	3757061.25	2.28427	(96051524)
370764.03	3757062.00	2.29476	(96051524)	370789.16	3757086.00	2.11499	(96051524)
370785.78	3756996.25	2.85034	(96051524)	370782.38	3756906.50	3.61924	(96090824)
370778.97	3756816.75	3.85545c	(96060324)	370754.94	3756842.75	3.93412c	(96060324)
370847.44	3756839.25	3.40963c	(96061624)	370939.91	3756835.75	2.96852c	(96061624)
371032.41	3756832.25	2.50498c	(96061624)	371056.41	3756808.75	2.33446c	(96061624)
371058.09	3756781.75	2.23082c	(96061624)	371033.69	3756805.25	2.42900c	(96061624)
371146.19	3756802.75	1.94375c	(96061624)	371258.66	3756800.25	1.57339c	(96061624)
371371.16	3756797.75	1.29168c	(96061624)	371483.62	3756795.25	1.07566c	(96061624)
371595.03	3756793.00	0.90939c	(96061624)	371706.41	3756790.50	0.77741c	(96061624)
371817.78	3756788.00	0.69101c	(96090324)	371932.09	3756785.50	0.62226c	(96090324)
372046.38	3756783.00	0.56356c	(96090324)	372160.66	3756780.25	0.51281c	(96090324)
372274.97	3756777.75	0.46895c	(96090324)	372384.72	3756775.50	0.43217c	(96090324)
372494.47	3756773.00	0.39952c	(96090324)	372604.22	3756770.50	0.37053c	(96090324)
372713.97	3756768.00	0.34467c	(96090324)	372738.38	3756741.75	0.32688c	(96090324)
372732.97	3756646.50	0.27910c	(96090324)	372819.62	3756573.75	0.25392c	(96092624)
372843.78	3756547.75	0.24637c	(96092624)	372839.41	3756453.75	0.23129c	(96100824)
372821.25	3756362.50	0.22104c	(96100824)	372795.62	3756342.50	0.22104c	(96100824)
372731.31	3756327.75	0.22621c	(96100824)	372707.19	3756351.75	0.23314c	(96100824)
372927.97	3756344.00	0.20673c	(96100824)	372952.09	3756318.75	0.20099c	(96100824)
372951.22	3756244.75	0.19115c	(96100824)	372926.66	3756270.00	0.19688c	(96100824)
373032.78	3756268.00	0.18705c	(96100824)	373138.88	3756266.25	0.17795c	(96100824)
373245.00	3756264.25	0.16946c	(96100824)	373351.12	3756262.25	0.16157c	(96100824)
373457.25	3756260.50	0.15423c	(96100824)	373481.81	3756235.00	0.15058c	(96100824)
373480.34	3756122.50	0.14113c	(96100824)	373478.88	3756009.75	0.13100c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.12040c	(96100824)	373475.94	3755784.50	0.10948c	(96100824)
373474.47	3755672.00	0.11056c	(96010224)	373473.00	3755559.25	0.12011c	(96010224)
373447.00	3755534.75	0.12334c	(96010224)	373334.22	3755539.25	0.13010c	(96010224)
373221.47	3755543.75	0.13688c	(96010224)	373197.47	3755568.25	0.13736c	(96010224)
373195.91	3755636.25	0.13343c	(96010224)	373194.34	3755704.50	0.12778c	(96010224)
373219.59	3755680.00	0.12813c	(96010224)	373134.91	3755679.00	0.13464c	(96010224)
373159.66	3755703.50	0.13056c	(96010224)	373157.94	3755634.75	0.13627c	(96010224)
373156.22	3755566.00	0.14008c	(96010224)	373132.47	3755541.75	0.14230c	(96010224)
373055.34	3755537.75	0.14676c	(96010224)	373079.06	3755562.25	0.14498c	(96010224)
373077.12	3755465.00	0.14523c	(96010224)	373075.16	3755368.00	0.14116c	(96010224)
373073.19	3755270.75	0.13344c	(96010224)	373071.22	3755173.50	0.12309c	(96010224)
373046.00	3755149.00	0.11972c	(96010224)	372939.09	3755150.00	0.12050c	(96091924)
372832.16	3755151.00	0.13294c	(96091924)	372725.25	3755152.00	0.14646c	(96091924)
372622.81	3755157.25	0.15998c	(96091924)	372527.31	3755158.00	0.17355c	(96091924)
372430.69	3755159.00	0.18762c	(96091924)	372334.09	3755159.75	0.20163c	(96091924)
372237.47	3755160.50	0.21504c	(96091924)	372138.81	3755161.25	0.22737c	(96091924)
372040.12	3755162.25	0.23748c	(96091924)	371941.47	3755163.00	0.24432c	(96091924)
371842.78	3755163.75	0.24686c	(96091924)	371747.72	3755164.50	0.27613c	(96012224)
371652.69	3755165.25	0.30676c	(96012224)	371557.62	3755166.25	0.33719c	(96012224)
371462.59	3755167.00	0.36577c	(96012224)	371359.16	3755167.75	0.39258c	(96012224)
371255.72	3755168.75	0.41249c	(96012224)	371152.25	3755169.50	0.42336c	(96012224)
371048.81	3755170.50	0.42401c	(96012224)	371024.06	3755196.50	0.43470c	(96012224)
371027.69	3755273.25	0.47349c	(96012224)	371031.34	3755350.25	0.51425c	(96012224)
371019.94	3755375.50	0.52934c	(96012224)	371017.91	3755470.00	0.58448c	(96012224)
371017.38	3755556.25	0.63687c	(96012224)	371040.31	3755531.50	0.61348c	(96012224)
371025.97	3755420.25	0.55390c	(96012224)	371015.62	3755399.00	0.54328c	(96012224)
370915.81	3755327.25	0.49765c	(96012224)	370816.03	3755255.25	0.42693c	(96012224)
370736.56	3755243.75	0.38957c	(96012224)	370669.19	3755237.00	0.35461c	(96012224)
370571.06	3755237.25	0.38990c	(96102024)	370475.62	3755237.75	0.44063c	(96102024)
370380.12	3755238.25	0.48274c	(96102024)	370278.66	3755239.00	0.50961c	(96102024)
370177.19	3755239.50	0.50344c	(96102024)	370075.72	3755240.00	0.47773c	(96102024)
369979.41	3755240.50	0.43388c	(96102024)	369883.09	3755241.00	0.37821c	(96102024)
369786.78	3755241.50	0.32570c	(96022824)	369690.47	3755242.00	0.30342c	(96012624)
369594.16	3755242.75	0.31246c	(96012624)	369497.88	3755243.25	0.30343c	(96012624)
369396.38	3755243.75	0.28338c	(96021224)	369294.91	3755244.25	0.27869c	(96021224)
369193.44	3755244.75	0.27639c	(96020324)	369091.97	3755245.25	0.26578c	(96021224)
368990.50	3755246.00	0.25858c	(96021224)	368889.03	3755246.50	0.25565	(96041124)
368782.41	3755247.00	0.26865	(96041124)	368675.78	3755247.50	0.27610	(96041124)
368569.12	3755248.25	0.27848	(96041124)	368471.00	3755248.75	0.27677	(96041124)
368372.84	3755249.25	0.27186	(96041124)	368274.69	3755249.75	0.26431	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.25305c	(96011824)	368053.72	3755209.25	0.24329c	(96011824)
367940.91	3755188.50	0.23325c	(96011824)	367824.03	3755184.75	0.22447c	(96011824)
367710.84	3755181.25	0.21537c	(96011824)	367597.62	3755177.50	0.20590c	(96011824)
367484.44	3755174.00	0.19817c	(96011224)	367460.69	3755189.25	0.20013c	(96012724)
367415.00	3755295.25	0.23601c	(96012724)	367369.31	3755401.25	0.27147c	(96012724)
367323.59	3755507.25	0.30375c	(96012724)	367483.66	3755199.00	0.20206c	(96011224)
367300.88	3755623.25	0.33383c	(96012724)	367114.28	3756056.25	0.35664c	(96012724)
366984.53	3756357.50	0.32668	(96010824)	366852.91	3756663.00	0.33402	(96010824)
366902.28	3756692.00	0.33945	(96010824)	366875.53	3756760.00	0.33429	(96010824)
366812.69	3756738.50	0.32783	(96010824)	366677.25	3757024.50	0.29492	(96010824)
366536.22	3757322.00	0.25418	(96010824)	366437.28	3757530.75	0.22462	(96010824)
366486.94	3757537.25	0.22645	(96010824)	366623.91	3757468.00	0.24293	(96010824)
366644.38	3757530.75	0.23571	(96010824)	366777.06	3757519.75	0.24465	(96010824)
366998.56	3757642.25	0.23361	(96010824)	367174.25	3757739.50	0.21802c	(96020824)
367290.72	3757694.25	0.23088c	(96020824)	367412.66	3757694.75	0.23893c	(96020824)
367409.81	3757735.75	0.23261c	(96020824)	367517.78	3757796.25	0.22768c	(96020824)
367539.25	3757802.00	0.22743c	(96020824)	367609.12	3757676.75	0.25458c	(96020824)
367769.06	3757644.25	0.27127c	(96020824)	367774.81	3757718.50	0.25447c	(96020824)
367809.47	3757834.50	0.25574	(96020924)	367807.06	3757935.50	0.25809	(96020924)
367774.94	3757958.50	0.25346	(96020924)	367798.12	3758011.00	0.25731	(96020924)
367914.41	3757961.50	0.27531	(96020924)	367904.53	3757930.25	0.27375	(96020924)
368108.69	3757840.25	0.31061	(96020924)	368232.75	3757790.25	0.33687	(96020924)
368308.88	3757761.50	0.35462	(96020924)	368603.38	3757765.00	0.42287	(96020924)
368603.84	3757718.50	0.43005	(96020924)	368769.72	3757798.50	0.44945	(96020924)
369017.16	3757954.25	0.41500	(96020924)	369080.28	3757864.00	0.45669	(96020924)
369224.00	3757952.25	0.41215	(96020924)	369408.72	3757730.00	0.53034	(96020924)
369454.22	3757776.00	0.49674	(96020924)	369264.97	3757996.50	0.38962	(96020924)
369451.62	3758128.00	0.31704	(96020924)	369459.97	3758394.25	0.23176	(96020924)
369853.09	3758394.25	0.20742c	(96092824)	369850.44	3758078.00	0.23949	(96020924)
370298.62	3758078.25	0.28528	(96062424)	370297.53	3757962.75	0.33133	(96062424)
370382.34	3757966.00	0.32625	(96062424)	370510.12	3758027.25	0.28184	(96062424)
370505.62	3758087.75	0.26639	(96062424)	370886.41	3758089.00	0.29806c	(96021724)
370885.06	3757750.50	0.47336c	(96021724)	370907.31	3757701.50	0.51177c	(96021724)
370944.91	3757670.00	0.54175c	(96021724)	371045.81	3757667.50	0.58046c	(96050324)
371046.34	3757585.00	0.67096c	(96050324)	371121.66	3757583.50	0.70354c	(96050324)
371192.59	3757720.25	0.58903c	(96050324)	371253.97	3757762.25	0.56961c	(96050324)
371263.66	3757782.50	0.55585c	(96050324)	371372.34	3757782.25	0.57301c	(96050324)
371399.44	3757806.25	0.55893c	(96050324)	371798.31	3758080.25	0.42817c	(96050324)
371908.19	3757933.50	0.48618	(96062224)	371964.22	3757921.75	0.50110	(96062224)
371970.19	3757841.50	0.55381	(96062224)	372023.31	3757843.25	0.55160	(96062224)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN1 ***
INCLUDING SOURCE(S): TNSTACK8,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.70014	(96090824)	372002.41	3757140.25	0.76272c	(96061624)
371514.12	3757136.25	1.23614	(96090824)	371034.56	3757132.50	1.90468	(96090824)
371034.44	3757085.25	2.14343	(96090824)	370764.19	3757087.00	2.07431	(96051524)
370754.00	3756817.75	4.06804c	(96060324)	371031.47	3756807.25	2.44598c	(96061624)
371033.12	3756780.25	2.34172c	(96061624)	371483.09	3756770.25	1.02047c	(96061624)
371817.25	3756763.00	0.66373c	(96090324)	372274.41	3756752.75	0.45127c	(96090324)
372713.41	3756743.00	0.33247c	(96090324)	372702.62	3756552.50	0.26908c	(96092624)
372818.81	3756548.75	0.25019c	(96092624)	372814.44	3756455.00	0.23470c	(96100824)
372796.75	3756367.50	0.22466c	(96100824)	372704.81	3756371.50	0.23672c	(96100824)
372706.31	3756326.75	0.22902c	(96100824)	372927.09	3756319.25	0.20355c	(96100824)
372926.22	3756245.00	0.19341c	(96100824)	373456.81	3756235.50	0.15220c	(96100824)
373448.00	3755559.75	0.12168c	(96010224)	373222.47	3755568.75	0.13572c	(96010224)
373219.34	3755705.00	0.12581c	(96010224)	373134.66	3755704.00	0.13247c	(96010224)
373131.22	3755566.75	0.14163c	(96010224)	373054.09	3755562.75	0.14647c	(96010224)
373046.22	3755174.00	0.12275c	(96010224)	372725.47	3755177.00	0.14436c	(96091924)
372624.12	3755182.25	0.15786c	(96091924)	372237.69	3755185.50	0.21504c	(96091924)
371843.00	3755188.75	0.25172c	(96091924)	371462.81	3755192.00	0.36882c	(96012224)
371049.03	3755195.50	0.43553c	(96012224)	371056.31	3755349.00	0.51097c	(96012224)
371043.41	3755384.00	0.53104c	(96012224)	371042.38	3755556.25	0.62625c	(96012224)
370995.81	3755560.25	0.64768c	(96012224)	371001.00	3755419.25	0.55728c	(96012224)
370801.41	3755275.50	0.43439c	(96012224)	370666.66	3755261.75	0.36651c	(96012224)
370380.28	3755263.25	0.49779c	(96102024)	370075.88	3755265.00	0.49131c	(96102024)
369786.91	3755266.50	0.32958c	(96022824)	369498.00	3755268.25	0.30287c	(96012624)
369193.59	3755269.75	0.27943c	(96021224)	368889.16	3755271.50	0.26419	(96041124)
368569.28	3755273.25	0.28369	(96041124)	368274.84	3755274.75	0.26699c	(96011824)
367936.44	3755213.25	0.23575c	(96011824)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.77103c	(96090424)	372498.53	3757611.75	0.67116c	(96090424)
372248.53	3757861.75	0.64488c	(96090424)	372498.53	3757861.75	0.60903c	(96090424)
372248.53	3758111.75	0.54154c	(96011324)	372498.53	3758111.75	0.50218c	(96100824)
372248.53	3758361.75	0.48600c	(96011324)	372498.53	3758361.75	0.45453c	(96011324)
373792.78	3755334.75	0.17561c	(96010224)	374092.78	3755334.75	0.15321c	(96010224)
373792.78	3755709.75	0.14346c	(96010224)	374092.78	3755709.75	0.11792c	(96010224)
373792.78	3756084.75	0.14268c	(96100624)	374092.78	3756084.75	0.13080c	(96100624)
373792.78	3756459.75	0.19583c	(96100624)	374092.78	3756459.75	0.17391c	(96100624)
373792.78	3756834.75	0.26051c	(96090324)	374092.78	3756834.75	0.22604c	(96090324)
373792.78	3757209.75	0.31903c	(96090324)	374092.78	3757209.75	0.27932c	(96090324)
373792.78	3757584.75	0.30669c	(96090324)	374092.78	3757584.75	0.27804c	(96090324)
373792.78	3757959.75	0.33425c	(96090424)	374092.78	3757959.75	0.28884c	(96090424)
373792.78	3758334.75	0.33181c	(96090424)	374092.78	3758334.75	0.29768c	(96090424)
373792.78	3758709.75	0.29426c	(96090424)	374092.78	3758709.75	0.27842c	(96090424)
370479.03	3756653.75	12.63924c	(96052624)	367277.91	3755613.50	0.44067c	(96012724)
367231.25	3755721.75	0.45719c	(96012724)	367184.62	3755830.00	0.46225c	(96012724)
367137.97	3755938.25	0.45650c	(96012724)	367091.34	3756046.50	0.44156c	(96012724)
367048.09	3756146.75	0.46724	(96010824)	367004.81	3756247.25	0.49177	(96010824)
366961.56	3756347.50	0.50478	(96010824)	366917.69	3756449.50	0.50668	(96010824)
366873.81	3756551.25	0.49845	(96010824)	366829.94	3756653.00	0.48208	(96010824)
366840.22	3756684.50	0.48027	(96010824)	366889.59	3756713.50	0.48579	(96010824)
366879.00	3756682.75	0.48805	(96010824)	366852.25	3756751.00	0.47262	(96010824)
366883.62	3756736.50	0.48102	(96010824)	366820.78	3756715.00	0.47235	(96010824)
366790.12	3756728.00	0.46474	(96010824)	366744.97	3756823.25	0.44064	(96010824)
366699.81	3756918.50	0.41456	(96010824)	366654.66	3757013.75	0.38785	(96010824)
366607.66	3757113.00	0.36038	(96010824)	366560.62	3757212.00	0.33404	(96010824)
366513.62	3757311.25	0.30910	(96010824)	366464.16	3757415.75	0.28459	(96010824)
366414.69	3757520.00	0.26187	(96010824)	366434.03	3757555.50	0.25669	(96010824)
366483.69	3757562.00	0.25849	(96010824)	366566.69	3757525.00	0.27076	(96010824)
366620.62	3757538.50	0.27160	(96010824)	366646.41	3757555.50	0.26980	(96010824)
366712.75	3757550.25	0.27514	(96010824)	366779.09	3757544.75	0.28067	(96010824)
366838.81	3757582.50	0.27599	(96010824)	366912.62	3757623.25	0.27377c	(96010624)
366986.47	3757664.25	0.27741c	(96010724)	367074.31	3757712.75	0.28169c	(96010724)
367162.16	3757761.25	0.28172c	(96010724)	367299.75	3757717.75	0.29627c	(96010724)
367384.88	3757734.00	0.29774c	(96010724)	367397.59	3757757.50	0.29324c	(96010724)
367505.56	3757818.00	0.27942c	(96010724)	367532.81	3757826.00	0.27691c	(96010724)
367561.06	3757814.00	0.28040c	(96010724)	367596.03	3757751.50	0.29952c	(96010724)
367630.97	3757689.00	0.31816c	(96010724)	367694.09	3757685.00	0.32114c	(96010724)
367749.88	3757720.50	0.31030c	(96010724)	367785.50	3757841.75	0.29205	(96020924)
367782.09	3757935.00	0.29578	(96020924)	367752.06	3757968.50	0.29096	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.29648	(96020924)	367807.91	3758034.00	0.30274	(96020924)
367866.06	3758009.25	0.31394	(96020924)	367924.19	3757984.50	0.32579	(96020924)
367938.25	3757954.00	0.32876	(96020924)	367928.38	3757922.75	0.32628	(96020924)
367914.62	3757953.25	0.32368	(96020924)	368016.69	3757908.25	0.34623	(96020924)
368118.78	3757863.25	0.37134	(96020924)	368180.06	3757838.50	0.38778	(96020924)
368242.09	3757813.50	0.40557	(96020924)	368317.75	3757784.75	0.42896	(96020924)
368406.72	3757787.75	0.45699	(96020924)	368504.88	3757788.75	0.48886	(96020924)
368603.06	3757790.00	0.52103	(96020924)	368628.38	3757765.25	0.53430	(96020924)
368675.91	3757781.00	0.54707	(96020924)	368758.84	3757821.00	0.56098	(96020924)
368838.88	3757871.50	0.56088	(96020924)	368921.38	3757923.50	0.54961	(96020924)
369003.84	3757975.50	0.52784	(96020924)	369037.66	3757968.75	0.53278	(96020924)
369100.78	3757878.25	0.59283	(96020924)	369067.19	3757885.25	0.58613	(96020924)
369139.03	3757929.50	0.55808	(96020924)	369210.91	3757973.75	0.52395	(96020924)
369243.25	3757968.25	0.52480	(96020924)	369304.81	3757894.25	0.57403	(96020924)
369366.38	3757820.00	0.63176	(96020924)	369436.44	3757793.50	0.65043	(96020924)
369435.25	3757759.75	0.68512	(96020924)	369250.56	3758016.75	0.49120	(96020924)
369343.91	3758082.50	0.43704	(96020924)	369437.25	3758148.25	0.38165	(96020924)
369429.41	3758217.50	0.34858	(96020924)	369432.19	3758306.25	0.30983	(96020924)
369434.97	3758395.00	0.27677	(96020924)	369459.97	3758419.25	0.26462	(96020924)
369558.25	3758419.25	0.24738	(96020924)	369656.53	3758419.25	0.27802c	(96020324)
369754.81	3758419.25	0.32673c	(96020324)	369853.09	3758419.25	0.37631c	(96020324)
369878.09	3758394.00	0.39188c	(96020324)	369877.19	3758288.75	0.40698c	(96020324)
369876.31	3758183.25	0.42201c	(96020324)	369962.47	3758103.00	0.49214c	(96020324)
370074.53	3758103.00	0.57112c	(96020324)	370186.59	3758103.00	0.56985c	(96020324)
370298.62	3758103.25	0.52434c	(96010924)	370323.62	3758078.00	0.53611c	(96010924)
370381.38	3757991.00	0.57222c	(96010924)	370435.41	3758019.25	0.56105c	(96010924)
370499.31	3758049.75	0.55907c	(96010924)	370485.19	3758025.25	0.57646c	(96010924)
370480.69	3758086.00	0.52618c	(96010924)	370505.53	3758112.75	0.52482c	(96010924)
370600.72	3758113.25	0.47278c	(96010924)	370695.94	3758113.50	0.41568	(96092424)
370791.12	3758113.75	0.44763	(96092424)	370886.34	3758114.00	0.45893	(96092424)
370911.41	3758089.00	0.46822	(96092424)	370910.97	3757976.00	0.52340	(96092424)
370910.53	3757863.25	0.58789	(96092424)	370910.06	3757750.50	0.70240	(96092424)
370930.06	3757711.75	0.73155	(96092424)	370960.91	3757689.25	0.78607c	(96050324)
371046.47	3757692.50	0.80422c	(96050324)	371070.81	3757667.50	0.85380c	(96050324)
371071.34	3757585.25	1.00943c	(96050324)	371046.88	3757610.00	0.95308c	(96050324)
371122.22	3757608.50	0.97849c	(96050324)	371099.47	3757595.00	0.99820c	(96050324)
371134.94	3757663.25	0.88960c	(96050324)	371170.41	3757731.75	0.79830c	(96050324)
371239.88	3757782.75	0.74958c	(96050324)	371263.72	3757807.50	0.72565c	(96050324)
371372.38	3757807.25	0.74504c	(96011324)	371385.28	3757826.75	0.72637c	(96011324)
371485.00	3757895.25	0.69391c	(96011324)	371584.72	3757963.75	0.66057c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.62751c	(96011324)	371784.16	3758100.75	0.59542c	(96011324)
371818.31	3758095.25	0.60395c	(96011324)	371873.25	3758021.75	0.64817c	(96011324)
371928.19	3757948.50	0.66857c	(96011324)	371969.34	3757946.25	0.65655c	(96011324)
371989.16	3757923.75	0.65404c	(96011324)	371995.12	3757843.25	0.67924c	(96100824)
371969.38	3757866.50	0.66999c	(96011324)	372022.50	3757868.25	0.66189c	(96100824)
372048.31	3757843.00	0.67091c	(96100824)	372047.16	3757745.75	0.74407c	(96090424)
372046.03	3757648.50	0.81841c	(96090424)	372044.88	3757551.25	0.88062c	(96090424)
372040.50	3757447.75	0.92880c	(96090424)	372036.12	3757345.00	0.95133c	(96090424)
372031.75	3757242.00	0.94401c	(96090424)	372027.38	3757139.25	0.90508c	(96090424)
372002.59	3757115.25	0.91416c	(96090424)	371880.53	3757114.25	1.04190c	(96090424)
371758.47	3757113.25	1.19231c	(96090424)	371636.38	3757112.25	1.36837c	(96090424)
371514.31	3757111.25	1.57143c	(96090424)	371394.41	3757110.25	1.79524c	(96090424)
371274.53	3757109.50	2.04534c	(96090424)	371154.62	3757108.50	2.34410	(96101124)
371034.75	3757107.50	2.79762	(96062224)	371059.56	3757132.50	2.57591	(96062224)
371059.44	3757085.25	2.81814	(96062224)	371034.31	3757060.25	3.05413	(96062224)
370944.22	3757060.75	3.48099	(96062224)	370854.12	3757061.25	3.71747c	(96050324)
370764.03	3757062.00	4.11385c	(96050324)	370789.16	3757086.00	3.79244c	(96050324)
370785.78	3756996.25	4.96505c	(96092324)	370782.38	3756906.50	6.62159	(96090824)
370778.97	3756816.75	6.85757	(96090824)	370754.94	3756842.75	7.58219	(96090824)
370847.44	3756839.25	5.54059	(96090824)	370939.91	3756835.75	4.33045c	(96061624)
371032.41	3756832.25	3.27260c	(96061624)	371056.41	3756808.75	3.03928c	(96090324)
371058.09	3756781.75	3.01476c	(96090324)	371033.69	3756805.25	3.17963c	(96090324)
371146.19	3756802.75	2.57191c	(96090324)	371258.66	3756800.25	2.12460c	(96090324)
371371.16	3756797.75	1.78434c	(96090324)	371483.62	3756795.25	1.52029c	(96090324)
371595.03	3756793.00	1.31403c	(96090324)	371706.41	3756790.50	1.14782c	(96090324)
371817.78	3756788.00	1.01139c	(96090324)	371932.09	3756785.50	0.89543c	(96090324)
372046.38	3756783.00	0.79857c	(96090324)	372160.66	3756780.25	0.71661c	(96090324)
372274.97	3756777.75	0.64701c	(96090324)	372384.72	3756775.50	0.58958c	(96090324)
372494.47	3756773.00	0.53946c	(96090324)	372604.22	3756770.50	0.49560c	(96090324)
372713.97	3756768.00	0.45699c	(96090324)	372738.38	3756741.75	0.43540c	(96090324)
372732.97	3756646.50	0.38512c	(96100624)	372819.62	3756573.75	0.34353c	(96100624)
372843.78	3756547.75	0.33101c	(96100624)	372839.41	3756453.75	0.30295c	(96100624)
372821.25	3756362.50	0.27671c	(96100624)	372795.62	3756342.50	0.27355c	(96100624)
372731.31	3756327.75	0.27683c	(96100624)	372707.19	3756351.75	0.28856c	(96100624)
372927.97	3756344.00	0.25775c	(96100624)	372952.09	3756318.75	0.24779c	(96100624)
372951.22	3756244.75	0.22701c	(96100624)	372926.66	3756270.00	0.23650c	(96100624)
373032.78	3756268.00	0.22587c	(96100624)	373138.88	3756266.25	0.21598c	(96100624)
373245.00	3756264.25	0.20666c	(96100624)	373351.12	3756262.25	0.19792c	(96100624)
373457.25	3756260.50	0.18977c	(96100624)	373481.81	3756235.00	0.18342c	(96100624)
373480.34	3756122.50	0.16325c	(96100624)	373478.88	3756009.75	0.14634c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.14716c	(96010224)	373475.94	3755784.50	0.16587c	(96010224)
373474.47	3755672.00	0.18177c	(96010224)	373473.00	3755559.25	0.19328c	(96010224)
373447.00	3755534.75	0.19774c	(96010224)	373334.22	3755539.25	0.20936c	(96010224)
373221.47	3755543.75	0.22126c	(96010224)	373197.47	3755568.25	0.22306c	(96010224)
373195.91	3755636.25	0.21921c	(96010224)	373194.34	3755704.50	0.21271c	(96010224)
373219.59	3755680.00	0.21211c	(96010224)	373134.91	3755679.00	0.22340c	(96010224)
373159.66	3755703.50	0.21751c	(96010224)	373157.94	3755634.75	0.22409c	(96010224)
373156.22	3755566.00	0.22777c	(96010224)	373132.47	3755541.75	0.23082c	(96010224)
373055.34	3755537.75	0.23885c	(96010224)	373079.06	3755562.25	0.23642c	(96010224)
373077.12	3755465.00	0.23421c	(96010224)	373075.16	3755368.00	0.22610c	(96010224)
373073.19	3755270.75	0.21305c	(96010224)	373071.22	3755173.50	0.19639c	(96010224)
373046.00	3755149.00	0.19148c	(96010224)	372939.09	3755150.00	0.18946c	(96010224)
372832.16	3755151.00	0.18591c	(96010224)	372725.25	3755152.00	0.18077c	(96010224)
372622.81	3755157.25	0.19191c	(96091924)	372527.31	3755158.00	0.20790c	(96091924)
372430.69	3755159.00	0.22456c	(96091924)	372334.09	3755159.75	0.24134c	(96091924)
372237.47	3755160.50	0.25774c	(96091924)	372138.81	3755161.25	0.27342c	(96091924)
372040.12	3755162.25	0.28720c	(96091924)	371941.47	3755163.00	0.29804c	(96091924)
371842.78	3755163.75	0.30485c	(96091924)	371747.72	3755164.50	0.31279c	(96012224)
371652.69	3755165.25	0.34560c	(96012224)	371557.62	3755166.25	0.37822c	(96012224)
371462.59	3755167.00	0.40893c	(96012224)	371359.16	3755167.75	0.43779c	(96012224)
371255.72	3755168.75	0.45901c	(96012224)	371152.25	3755169.50	0.47020c	(96012224)
371048.81	3755170.50	0.46958c	(96012224)	371024.06	3755196.50	0.48242c	(96012224)
371027.69	3755273.25	0.53097c	(96012224)	371031.34	3755350.25	0.58340c	(96012224)
371019.94	3755375.50	0.60278c	(96012224)	371017.91	3755470.00	0.67737c	(96012224)
371017.38	3755556.25	0.75653c	(96012224)	371040.31	3755531.50	0.72468c	(96012224)
371025.97	3755420.25	0.63580c	(96012224)	371015.62	3755399.00	0.62104c	(96012224)
370915.81	3755327.25	0.56003c	(96012224)	370816.03	3755255.25	0.52980c	(96051224)
370736.56	3755243.75	0.49900c	(96051224)	370669.19	3755237.00	0.45203c	(96051224)
370571.06	3755237.25	0.47761c	(96030624)	370475.62	3755237.75	0.51217c	(96030624)
370380.12	3755238.25	0.54414c	(96030624)	370278.66	3755239.00	0.57751c	(96030624)
370177.19	3755239.50	0.55566c	(96030624)	370075.72	3755240.00	0.54159c	(96030624)
369979.41	3755240.50	0.60366c	(96011124)	369883.09	3755241.00	0.65292c	(96011124)
369786.78	3755241.50	0.67495c	(96011124)	369690.47	3755242.00	0.67097c	(96012624)
369594.16	3755242.75	0.68598c	(96012624)	369497.88	3755243.25	0.68352c	(96010124)
369396.38	3755243.75	0.76493c	(96020324)	369294.91	3755244.25	0.85141c	(96020324)
369193.44	3755244.75	0.85197c	(96020324)	369091.97	3755245.25	0.78313c	(96020324)
368990.50	3755246.00	0.67948c	(96020324)	368889.03	3755246.50	0.57112c	(96020324)
368782.41	3755247.00	0.47211c	(96020324)	368675.78	3755247.50	0.46133	(96041124)
368569.12	3755248.25	0.46190	(96041124)	368471.00	3755248.75	0.45524	(96041124)
368372.84	3755249.25	0.44306	(96041124)	368274.69	3755249.75	0.42659	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.40400	(96041124)	368053.72	3755209.25	0.38023	(96041124)
367940.91	3755188.50	0.35674	(96041124)	367824.03	3755184.75	0.34029c	(96012924)
367710.84	3755181.25	0.32689c	(96012924)	367597.62	3755177.50	0.31365c	(96012924)
367484.44	3755174.00	0.30079c	(96012924)	367460.69	3755189.25	0.29930c	(96012924)
367415.00	3755295.25	0.33638c	(96012724)	367369.31	3755401.25	0.37820c	(96012724)
367323.59	3755507.25	0.41381c	(96012724)	367483.66	3755199.00	0.30256c	(96012924)
367300.88	3755623.25	0.44595c	(96012724)	367114.28	3756056.25	0.44567c	(96012724)
366984.53	3756357.50	0.51068	(96010824)	366852.91	3756663.00	0.48540	(96010824)
366902.28	3756692.00	0.49142	(96010824)	366875.53	3756760.00	0.47550	(96010824)
366812.69	3756738.50	0.46727	(96010824)	366677.25	3757024.50	0.38858	(96010824)
366536.22	3757322.00	0.30895	(96010824)	366437.28	3757530.75	0.26136	(96010824)
366486.94	3757537.25	0.26329	(96010824)	366623.91	3757468.00	0.28620	(96010824)
366644.38	3757530.75	0.27473	(96010824)	366777.06	3757519.75	0.28610	(96010824)
366998.56	3757642.25	0.27913c	(96010724)	367174.25	3757739.50	0.28549c	(96010724)
367290.72	3757694.25	0.29927c	(96010724)	367412.66	3757694.75	0.30683c	(96010724)
367409.81	3757735.75	0.29846c	(96010724)	367517.78	3757796.25	0.28578c	(96010724)
367539.25	3757802.00	0.28415c	(96010724)	367609.12	3757676.75	0.32059c	(96010724)
367769.06	3757644.25	0.33565c	(96010724)	367774.81	3757718.50	0.31093c	(96010724)
367809.47	3757834.50	0.29673	(96020924)	367807.06	3757935.50	0.30085	(96020924)
367774.94	3757958.50	0.29512	(96020924)	367798.12	3758011.00	0.30070	(96020924)
367914.41	3757961.50	0.32370	(96020924)	367904.53	3757930.25	0.32120	(96020924)
368108.69	3757840.25	0.36864	(96020924)	368232.75	3757790.25	0.40306	(96020924)
368308.88	3757761.50	0.42664	(96020924)	368603.38	3757765.00	0.52566	(96020924)
368603.84	3757718.50	0.53308	(96020924)	368769.72	3757798.50	0.57177	(96020924)
369017.16	3757954.25	0.54068	(96020924)	369080.28	3757864.00	0.60113	(96020924)
369224.00	3757952.25	0.53782	(96020924)	369408.72	3757730.00	0.71858	(96020924)
369454.22	3757776.00	0.66651	(96020924)	369264.97	3757996.50	0.50303	(96020924)
369451.62	3758128.00	0.38966	(96020924)	369459.97	3758394.25	0.27286	(96020924)
369853.09	3758394.25	0.37958c	(96020324)	369850.44	3758078.00	0.41876c	(96020324)
370298.62	3758078.25	0.53366c	(96010924)	370297.53	3757962.75	0.58219c	(96010924)
370382.34	3757966.00	0.58272c	(96010924)	370510.12	3758027.25	0.56947c	(96010924)
370505.62	3758087.75	0.53692c	(96010924)	370886.41	3758089.00	0.47100	(96092424)
370885.06	3757750.50	0.71104	(96092424)	370907.31	3757701.50	0.75502	(96092424)
370944.91	3757670.00	0.81062c	(96050324)	371045.81	3757667.50	0.84292c	(96050324)
371046.34	3757585.00	1.00159c	(96050324)	371121.66	3757583.50	1.02358c	(96050324)
371192.59	3757720.25	0.81928c	(96050324)	371253.97	3757762.25	0.77649c	(96050324)
371263.66	3757782.50	0.75406c	(96050324)	371372.34	3757782.25	0.77985c	(96011324)
371399.44	3757806.25	0.76183c	(96011324)	371798.31	3758080.25	0.61166c	(96011324)
371908.19	3757933.50	0.67909c	(96011324)	371964.22	3757921.75	0.66378c	(96011324)
371970.19	3757841.50	0.68340c	(96100824)	372023.31	3757843.25	0.67505c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWBOILR ***
INCLUDING SOURCE(S): BNSTCK10,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.89085c	(96090424)	372002.41	3757140.25	0.92937c	(96090424)
371514.12	3757136.25	1.56758c	(96090424)	371034.56	3757132.50	2.55597	(96062224)
371034.44	3757085.25	2.92637	(96062224)	370764.19	3757087.00	3.76023c	(96050324)
370754.00	3756817.75	7.50545	(96090824)	371031.47	3756807.25	3.19357c	(96090324)
371033.12	3756780.25	3.16868c	(96090324)	371483.09	3756770.25	1.48100c	(96090324)
371817.25	3756763.00	0.98167c	(96090324)	372274.41	3756752.75	0.62759c	(96090324)
372713.41	3756743.00	0.44365c	(96090324)	372702.62	3756552.50	0.36082c	(96100624)
372818.81	3756548.75	0.33604c	(96100624)	372814.44	3756455.00	0.30735c	(96100624)
372796.75	3756367.50	0.28162c	(96100624)	372704.81	3756371.50	0.29600c	(96100624)
372706.31	3756326.75	0.27971c	(96100624)	372927.09	3756319.25	0.25069c	(96100624)
372926.22	3756245.00	0.22935c	(96100624)	373456.81	3756235.50	0.18520c	(96100624)
373448.00	3755559.75	0.19591c	(96010224)	373222.47	3755568.75	0.22022c	(96010224)
373219.34	3755705.00	0.20931c	(96010224)	373134.66	3755704.00	0.22088c	(96010224)
373131.22	3755566.75	0.23056c	(96010224)	373054.09	3755562.75	0.23916c	(96010224)
373046.22	3755174.00	0.19632c	(96010224)	372725.47	3755177.00	0.18736c	(96010224)
372624.12	3755182.25	0.19025c	(96091924)	372237.69	3755185.50	0.25874c	(96091924)
371843.00	3755188.75	0.31133c	(96091924)	371462.81	3755192.00	0.41381c	(96012224)
371049.03	3755195.50	0.48367c	(96012224)	371056.31	3755349.00	0.57996c	(96012224)
371043.41	3755384.00	0.60597c	(96012224)	371042.38	3755556.25	0.74683c	(96012224)
370995.81	3755560.25	0.76780c	(96012224)	371001.00	3755419.25	0.63908c	(96012224)
370801.41	3755275.50	0.54140c	(96051224)	370666.66	3755261.75	0.46741c	(96051224)
370380.28	3755263.25	0.55981c	(96030624)	370075.88	3755265.00	0.55691c	(96030624)
369786.91	3755266.50	0.69186c	(96011124)	369498.00	3755268.25	0.70058c	(96010124)
369193.59	3755269.75	0.85671c	(96020324)	368889.16	3755271.50	0.55653c	(96020324)
368569.28	3755273.25	0.47071	(96041124)	368274.84	3755274.75	0.42903	(96041124)
367936.44	3755213.25	0.35714c	(96012924)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	2.92873c	(96090424)	372498.53	3757611.75	2.52099c	(96090424)
372248.53	3757861.75	2.57874c	(96100824)	372498.53	3757861.75	2.28137c	(96090424)
372248.53	3758111.75	2.25671c	(96100824)	372498.53	3758111.75	2.07181c	(96100824)
372248.53	3758361.75	1.91462c	(96011324)	372498.53	3758361.75	1.79793c	(96100824)
373792.78	3755334.75	0.74186c	(96010224)	374092.78	3755334.75	0.64547c	(96010224)
373792.78	3755709.75	0.63626c	(96010224)	374092.78	3755709.75	0.52457c	(96010224)
373792.78	3756084.75	0.58215c	(96052124)	374092.78	3756084.75	0.51554c	(96052124)
373792.78	3756459.75	0.73610c	(96100624)	374092.78	3756459.75	0.64851c	(96100624)
373792.78	3756834.75	0.94615c	(96090324)	374092.78	3756834.75	0.81901c	(96090324)
373792.78	3757209.75	1.14224c	(96090324)	374092.78	3757209.75	0.99895c	(96090324)
373792.78	3757584.75	1.11724c	(96090424)	374092.78	3757584.75	0.99241c	(96090324)
373792.78	3757959.75	1.21670c	(96090424)	374092.78	3757959.75	1.05116c	(96090424)
373792.78	3758334.75	1.19208c	(96090424)	374092.78	3758334.75	1.06692c	(96090424)
373792.78	3758709.75	1.05702c	(96090424)	374092.78	3758709.75	0.99247c	(96090424)
370479.03	3756653.75	73.94194c	(96090324)	367277.91	3755613.50	1.65320c	(96012724)
367231.25	3755721.75	1.70571c	(96012724)	367184.62	3755830.00	1.71916c	(96012724)
367137.97	3755938.25	1.73178	(96010824)	367091.34	3756046.50	1.90416	(96010824)
367048.09	3756146.75	2.02516	(96010824)	367004.81	3756247.25	2.10321	(96010824)
366961.56	3756347.50	2.13585	(96010824)	366917.69	3756449.50	2.12473	(96010824)
366873.81	3756551.25	2.07398	(96010824)	366829.94	3756653.00	1.99107	(96010824)
366840.22	3756684.50	1.98099	(96010824)	366889.59	3756713.50	2.00463	(96010824)
366879.00	3756682.75	2.01671	(96010824)	366852.25	3756751.00	1.94266	(96010824)
366883.62	3756736.50	1.98158	(96010824)	366820.78	3756715.00	1.94330	(96010824)
366790.12	3756728.00	1.90813	(96010824)	366744.97	3756823.25	1.79502	(96010824)
366699.81	3756918.50	1.67393	(96010824)	366654.66	3757013.75	1.55046	(96010824)
366607.66	3757113.00	1.42403	(96010824)	366560.62	3757212.00	1.30342	(96010824)
366513.62	3757311.25	1.19402c	(96010224)	366464.16	3757415.75	1.15373c	(96010224)
366414.69	3757520.00	1.10182c	(96010624)	366434.03	3757555.50	1.11254c	(96010624)
366483.69	3757562.00	1.13295c	(96010624)	366566.69	3757525.00	1.16825c	(96010624)
366620.62	3757538.50	1.19199c	(96010624)	366646.41	3757555.50	1.20193c	(96010624)
366712.75	3757550.25	1.23158c	(96010624)	366779.09	3757544.75	1.26217c	(96010624)
366838.81	3757582.50	1.27798c	(96010624)	366912.62	3757623.25	1.28873c	(96010624)
366986.47	3757664.25	1.28726c	(96010624)	367074.31	3757712.75	1.29716c	(96010724)
367162.16	3757761.25	1.30851c	(96010724)	367299.75	3757717.75	1.39253c	(96010724)
367384.88	3757734.00	1.41389c	(96010724)	367397.59	3757757.50	1.39700c	(96010724)
367505.56	3757818.00	1.35972c	(96010724)	367532.81	3757826.00	1.35467c	(96010724)
367561.06	3757814.00	1.37567c	(96010724)	367596.03	3757751.50	1.46575c	(96010724)
367630.97	3757689.00	1.55492c	(96010724)	367694.09	3757685.00	1.58391c	(96010724)
367749.88	3757720.50	1.55128c	(96010724)	367785.50	3757841.75	1.35473c	(96010724)
367782.09	3757935.00	1.19048c	(96010724)	367752.06	3757968.50	1.13701c	(96010724)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	1.12638c	(96020724)	367807.91	3758034.00	1.15603c	(96020724)
367866.06	3758009.25	1.20223c	(96020724)	367924.19	3757984.50	1.25134c	(96020724)
367938.25	3757954.00	1.25935c	(96020724)	367928.38	3757922.75	1.24308c	(96020724)
367914.62	3757953.25	1.23652c	(96020724)	368016.69	3757908.25	1.32985c	(96020724)
368118.78	3757863.25	1.43510c	(96020724)	368180.06	3757838.50	1.50511c	(96020724)
368242.09	3757813.50	1.58148c	(96020724)	368317.75	3757784.75	1.68323c	(96020724)
368406.72	3757787.75	1.81941c	(96020724)	368504.88	3757788.75	1.98077c	(96020724)
368603.06	3757790.00	2.15345c	(96020724)	368628.38	3757765.25	2.20889c	(96020724)
368675.91	3757781.00	2.29324c	(96020724)	368758.84	3757821.00	2.42177c	(96020724)
368838.88	3757871.50	2.50512c	(96020724)	368921.38	3757923.50	2.54481c	(96020724)
369003.84	3757975.50	2.52733c	(96020724)	369037.66	3757968.75	2.56868c	(96020724)
369100.78	3757878.25	2.85170c	(96020724)	369067.19	3757885.25	2.79954c	(96020724)
369139.03	3757929.50	2.73356c	(96020724)	369210.91	3757973.75	2.60619c	(96020724)
369243.25	3757968.25	2.61882c	(96020724)	369304.81	3757894.25	2.87179c	(96020724)
369366.38	3757820.00	3.17190c	(96020724)	369436.44	3757793.50	3.25961c	(96020724)
369435.25	3757759.75	3.44966c	(96020724)	369250.56	3758016.75	2.45020c	(96020724)
369343.91	3758082.50	2.12581c	(96020724)	369437.25	3758148.25	1.75239c	(96020724)
369429.41	3758217.50	1.57552c	(96051024)	369432.19	3758306.25	1.40194c	(96051024)
369434.97	3758395.00	1.31573c	(96020324)	369459.97	3758419.25	1.34165c	(96020324)
369558.25	3758419.25	1.52737c	(96020324)	369656.53	3758419.25	1.74280c	(96020324)
369754.81	3758419.25	1.96958c	(96020324)	369853.09	3758419.25	2.18063c	(96020324)
369878.09	3758394.00	2.26696c	(96020324)	369877.19	3758288.75	2.43892c	(96020324)
369876.31	3758183.25	2.63221c	(96020324)	369962.47	3758103.00	3.04644c	(96020324)
370074.53	3758103.00	3.29605c	(96020324)	370186.59	3758103.00	3.33962c	(96010924)
370298.62	3758103.25	3.50564c	(96010924)	370323.62	3758078.00	3.61775c	(96010924)
370381.38	3757991.00	3.96599c	(96010924)	370435.41	3758019.25	3.78548c	(96010924)
370499.31	3758049.75	3.55500c	(96010924)	370485.19	3758025.25	3.68680c	(96010924)
370480.69	3758086.00	3.44872c	(96010924)	370505.53	3758112.75	3.32009c	(96010924)
370600.72	3758113.25	2.98801c	(96010924)	370695.94	3758113.50	2.53492c	(96010924)
370791.12	3758113.75	2.08327c	(96010924)	370886.34	3758114.00	2.03924	(96092424)
370911.41	3758089.00	2.07701	(96092424)	370910.97	3757976.00	2.33804	(96092424)
370910.53	3757863.25	2.65846	(96092424)	370910.06	3757750.50	3.14610c	(96021324)
370930.06	3757711.75	3.51779c	(96021324)	370960.91	3757689.25	3.80855c	(96021324)
371046.47	3757692.50	4.01592c	(96021324)	371070.81	3757667.50	4.32051c	(96021324)
371071.34	3757585.25	5.00952c	(96021324)	371046.88	3757610.00	4.79776c	(96021324)
371122.22	3757608.50	4.74432c	(96021324)	371099.47	3757595.00	4.88663c	(96021324)
371134.94	3757663.25	4.35506c	(96021324)	371170.41	3757731.75	3.90795c	(96021324)
371239.88	3757782.75	3.60902c	(96021324)	371263.72	3757807.50	3.48262c	(96021324)
371372.38	3757807.25	3.45610c	(96011324)	371385.28	3757826.75	3.36318c	(96011324)
371485.00	3757895.25	3.11339c	(96011324)	371584.72	3757963.75	2.88740c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	2.68310c	(96011324)	371784.16	3758100.75	2.49870c	(96011324)
371818.31	3758095.25	2.51022c	(96011324)	371873.25	3758021.75	2.64097c	(96011324)
371928.19	3757948.50	2.76908c	(96100824)	371969.34	3757946.25	2.75312c	(96100824)
371989.16	3757923.75	2.79368c	(96100824)	371995.12	3757843.25	2.96338c	(96100824)
371969.38	3757866.50	2.94331c	(96100824)	372022.50	3757868.25	2.88042c	(96100824)
372048.31	3757843.00	2.89407c	(96100824)	372047.16	3757745.75	3.04078c	(96100824)
372046.03	3757648.50	3.16563c	(96090424)	372044.88	3757551.25	3.39591c	(96090424)
372040.50	3757447.75	3.58543c	(96090424)	372036.12	3757345.00	3.69092c	(96090424)
372031.75	3757242.00	3.69552c	(96090424)	372027.38	3757139.25	3.58883c	(96090424)
372002.59	3757115.25	3.64101c	(96090424)	371880.53	3757114.25	4.17202c	(96090424)
371758.47	3757113.25	4.80963c	(96090424)	371636.38	3757112.25	5.57661c	(96090424)
371514.31	3757111.25	6.49776c	(96090424)	371394.41	3757110.25	7.54668c	(96090424)
371274.53	3757109.50	8.77391c	(96090424)	371154.62	3757108.50	10.78103c	(96090424)
371034.75	3757107.50	12.54644c	(96090424)	371059.56	3757132.50	11.50686c	(96090424)
371059.44	3757085.25	12.83969c	(96090424)	371034.31	3757060.25	13.91627c	(96090424)
370944.22	3757060.75	15.39508c	(96090424)	370854.12	3757061.25	16.32188c	(96050324)
370764.03	3757062.00	20.39834c	(96011324)	370789.16	3757086.00	18.80755c	(96011324)
370785.78	3756996.25	20.78589c	(96100824)	370782.38	3756906.50	28.33404c	(96090424)
370778.97	3756816.75	31.56618c	(96090424)	370754.94	3756842.75	31.43766c	(96090424)
370847.44	3756839.25	25.96617c	(96090424)	370939.91	3756835.75	18.33823c	(96090424)
371032.41	3756832.25	14.02695c	(96090424)	371056.41	3756808.75	12.80879c	(96090424)
371058.09	3756781.75	12.75715c	(96090324)	371033.69	3756805.25	13.24312c	(96090424)
371146.19	3756802.75	10.53464c	(96090324)	371258.66	3756800.25	8.48672c	(96090324)
371371.16	3756797.75	6.99138c	(96090324)	371483.62	3756795.25	5.90506c	(96090324)
371595.03	3756793.00	5.06291c	(96090324)	371706.41	3756790.50	4.38908c	(96090324)
371817.78	3756788.00	3.84198c	(96090324)	371932.09	3756785.50	3.38337c	(96090324)
372046.38	3756783.00	3.00343c	(96090324)	372160.66	3756780.25	2.68660c	(96090324)
372274.97	3756777.75	2.41891c	(96090324)	372384.72	3756775.50	2.19881c	(96090324)
372494.47	3756773.00	2.00749c	(96090324)	372604.22	3756770.50	1.84052c	(96090324)
372713.97	3756768.00	1.69393c	(96090324)	372738.38	3756741.75	1.61908c	(96090324)
372732.97	3756646.50	1.50239c	(96100624)	372819.62	3756573.75	1.33755c	(96100624)
372843.78	3756547.75	1.28841c	(96100624)	372839.41	3756453.75	1.18442c	(96100624)
372821.25	3756362.50	1.08908c	(96100624)	372795.62	3756342.50	1.08014c	(96100624)
372731.31	3756327.75	1.09941c	(96100624)	372707.19	3756351.75	1.14565c	(96100624)
372927.97	3756344.00	1.00903c	(96100624)	372952.09	3756318.75	0.97037c	(96100624)
372951.22	3756244.75	0.89460c	(96100624)	372926.66	3756270.00	0.93136c	(96100624)
373032.78	3756268.00	0.88371c	(96100624)	373138.88	3756266.25	0.83998c	(96100624)
373245.00	3756264.25	0.79934c	(96100624)	373351.12	3756262.25	0.76170c	(96100624)
373457.25	3756260.50	0.72694c	(96100624)	373481.81	3756235.00	0.70294c	(96100624)
373480.34	3756122.50	0.66565c	(96052124)	373478.88	3756009.75	0.65462c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.67617c	(96010224)	373475.94	3755784.50	0.74464c	(96010224)
373474.47	3755672.00	0.79966c	(96010224)	373473.00	3755559.25	0.83700c	(96010224)
373447.00	3755534.75	0.85426c	(96010224)	373334.22	3755539.25	0.90675c	(96010224)
373221.47	3755543.75	0.96147c	(96010224)	373197.47	3755568.25	0.97194c	(96010224)
373195.91	3755636.25	0.96193c	(96010224)	373194.34	3755704.50	0.94210c	(96010224)
373219.59	3755680.00	0.93577c	(96010224)	373134.91	3755679.00	0.98673c	(96010224)
373159.66	3755703.50	0.96365c	(96010224)	373157.94	3755634.75	0.98395c	(96010224)
373156.22	3755566.00	0.99356c	(96010224)	373132.47	3755541.75	1.00595c	(96010224)
373055.34	3755537.75	1.04426c	(96010224)	373079.06	3755562.25	1.03395c	(96010224)
373077.12	3755465.00	1.02050c	(96010224)	373075.16	3755368.00	0.98624c	(96010224)
373073.19	3755270.75	0.93436c	(96010224)	373071.22	3755173.50	0.86920c	(96010224)
373046.00	3755149.00	0.85260c	(96010224)	372939.09	3755150.00	0.85626c	(96010224)
372832.16	3755151.00	0.85468c	(96010224)	372725.25	3755152.00	0.84733c	(96010224)
372622.81	3755157.25	0.83946c	(96010224)	372527.31	3755158.00	0.82229c	(96010224)
372430.69	3755159.00	0.83080	(96062324)	372334.09	3755159.75	0.90391	(96062324)
372237.47	3755160.50	0.97473	(96062324)	372138.81	3755161.25	1.06902c	(96032624)
372040.12	3755162.25	1.16996c	(96032624)	371941.47	3755163.00	1.27330c	(96032624)
371842.78	3755163.75	1.37754c	(96032624)	371747.72	3755164.50	1.47681c	(96032624)
371652.69	3755165.25	1.57221c	(96032624)	371557.62	3755166.25	1.66023c	(96032624)
371462.59	3755167.00	1.73500c	(96032624)	371359.16	3755167.75	1.79319c	(96032624)
371255.72	3755168.75	1.81793c	(96032624)	371152.25	3755169.50	1.90637c	(96020424)
371048.81	3755170.50	2.21028c	(96020424)	371024.06	3755196.50	2.30168c	(96020424)
371027.69	3755273.25	2.35864c	(96020424)	371031.34	3755350.25	2.39339c	(96020424)
371019.94	3755375.50	2.45333c	(96020424)	371017.91	3755470.00	2.62583c	(96032624)
371017.38	3755556.25	2.90087c	(96032624)	371040.31	3755531.50	2.80128c	(96032624)
371025.97	3755420.25	2.44627c	(96032624)	371015.62	3755399.00	2.48330c	(96020424)
370915.81	3755327.25	2.81148c	(96020424)	370816.03	3755255.25	2.78736c	(96020424)
370736.56	3755243.75	2.74793c	(96020424)	370669.19	3755237.00	2.66637c	(96020424)
370571.06	3755237.25	2.43694c	(96020424)	370475.62	3755237.75	2.21485c	(96011024)
370380.12	3755238.25	2.25347c	(96011024)	370278.66	3755239.00	2.26224c	(96010124)
370177.19	3755239.50	2.57096c	(96010124)	370075.72	3755240.00	2.80421c	(96011124)
369979.41	3755240.50	3.16304c	(96011124)	369883.09	3755241.00	3.39336c	(96011124)
369786.78	3755241.50	3.66863c	(96010124)	369690.47	3755242.00	3.94462c	(96010124)
369594.16	3755242.75	4.13919c	(96010124)	369497.88	3755243.25	4.22928c	(96010124)
369396.38	3755243.75	5.03810c	(96020324)	369294.91	3755244.25	5.51976c	(96020324)
369193.44	3755244.75	5.54746c	(96020324)	369091.97	3755245.25	5.17554c	(96020324)
368990.50	3755246.00	4.55762c	(96020324)	368889.03	3755246.50	3.85334c	(96020324)
368782.41	3755247.00	3.15247c	(96020324)	368675.78	3755247.50	2.56278c	(96020324)
368569.12	3755248.25	2.29276c	(96010124)	368471.00	3755248.75	2.12959c	(96010124)
368372.84	3755249.25	1.98483c	(96010124)	368274.69	3755249.75	1.91178c	(96012924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	1.83206c	(96012924)	368053.72	3755209.25	1.74925c	(96012924)
367940.91	3755188.50	1.66745c	(96012924)	367824.03	3755184.75	1.59945c	(96012924)
367710.84	3755181.25	1.53281c	(96012924)	367597.62	3755177.50	1.46645c	(96012924)
367484.44	3755174.00	1.40167c	(96012924)	367460.69	3755189.25	1.39572c	(96012924)
367415.00	3755295.25	1.41235c	(96012924)	367369.31	3755401.25	1.44657c	(96012724)
367323.59	3755507.25	1.56519c	(96012724)	367483.66	3755199.00	1.41316c	(96012924)
367300.88	3755623.25	1.67422c	(96012724)	367114.28	3756056.25	1.93472	(96010824)
366984.53	3756357.50	2.16212	(96010824)	366852.91	3756663.00	2.00567	(96010824)
366902.28	3756692.00	2.03163	(96010824)	366875.53	3756760.00	1.95521	(96010824)
366812.69	3756738.50	1.91905	(96010824)	366677.25	3757024.50	1.55263	(96010824)
366536.22	3757322.00	1.20275c	(96010224)	366437.28	3757530.75	1.11251c	(96010624)
366486.94	3757537.25	1.13400c	(96010624)	366623.91	3757468.00	1.19254c	(96010224)
366644.38	3757530.75	1.20291c	(96010624)	366777.06	3757519.75	1.26497c	(96010624)
366998.56	3757642.25	1.30754c	(96010624)	367174.25	3757739.50	1.32653c	(96010724)
367290.72	3757694.25	1.40424c	(96010724)	367412.66	3757694.75	1.45840c	(96010724)
367409.81	3757735.75	1.42169c	(96010724)	367517.78	3757796.25	1.38941c	(96010724)
367539.25	3757802.00	1.38701c	(96010724)	367609.12	3757676.75	1.56023c	(96010724)
367769.06	3757644.25	1.66845c	(96010724)	367774.81	3757718.50	1.56090c	(96010724)
367809.47	3757834.50	1.36766c	(96010724)	367807.06	3757935.50	1.18603c	(96010724)
367774.94	3757958.50	1.15057c	(96010724)	367798.12	3758011.00	1.14353c	(96020724)
367914.41	3757961.50	1.23797c	(96020724)	367904.53	3757930.25	1.22180c	(96020724)
368108.69	3757840.25	1.41812c	(96020724)	368232.75	3757790.25	1.56406c	(96020724)
368308.88	3757761.50	1.66580c	(96020724)	368603.38	3757765.00	2.16166c	(96020724)
368603.84	3757718.50	2.17200c	(96020724)	368769.72	3757798.50	2.46209c	(96020724)
369017.16	3757954.25	2.58629c	(96020724)	369080.28	3757864.00	2.86808c	(96020724)
369224.00	3757952.25	2.67512c	(96020724)	369408.72	3757730.00	3.62002c	(96020724)
369454.22	3757776.00	3.33939c	(96020724)	369264.97	3757996.50	2.51006c	(96020724)
369451.62	3758128.00	1.78614c	(96020724)	369459.97	3758394.25	1.35758c	(96020324)
369853.09	3758394.25	2.21710c	(96020324)	369850.44	3758078.00	2.76440c	(96020324)
370298.62	3758078.25	3.59849c	(96010924)	370297.53	3757962.75	4.08150c	(96010924)
370382.34	3757966.00	4.07554c	(96010924)	370510.12	3758027.25	3.60616c	(96010924)
370505.62	3758087.75	3.40296c	(96010924)	370886.41	3758089.00	2.09405	(96092424)
370885.06	3757750.50	3.17578	(96092424)	370907.31	3757701.50	3.50263c	(96021324)
370944.91	3757670.00	3.90872c	(96021324)	371045.81	3757667.50	4.20214c	(96021324)
371046.34	3757585.00	5.03070c	(96021324)	371121.66	3757583.50	4.91366c	(96021324)
371192.59	3757720.25	3.96006c	(96021324)	371253.97	3757762.25	3.69121c	(96021324)
371263.66	3757782.50	3.59192c	(96021324)	371372.34	3757782.25	3.59547c	(96011324)
371399.44	3757806.25	3.48518c	(96011324)	371798.31	3758080.25	2.55008c	(96011324)
371908.19	3757933.50	2.81971c	(96100824)	371964.22	3757921.75	2.81717c	(96100824)
371970.19	3757841.50	2.99773c	(96100824)	372023.31	3757843.25	2.92715c	(96100824)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWCLTWR ***
INCLUDING SOURCE(S): CTNSTK11, CTNSTK12, CTNSTK13, CTNSTK14,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	3.44337c	(96090424)	372002.41	3757140.25	3.68805c	(96090424)
371514.12	3757136.25	6.45914c	(96090424)	371034.56	3757132.50	11.33532c	(96100824)
371034.44	3757085.25	13.25846c	(96090424)	370764.19	3757087.00	17.85572c	(96050324)
370754.00	3756817.75	33.40689c	(96090424)	371031.47	3756807.25	13.37011c	(96090424)
371033.12	3756780.25	13.53441c	(96090324)	371483.09	3756770.25	5.78838c	(96090324)
371817.25	3756763.00	3.74992c	(96090324)	372274.41	3756752.75	2.35676c	(96090324)
372713.41	3756743.00	1.65032c	(96090324)	372702.62	3756552.50	1.41545c	(96100624)
372818.81	3756548.75	1.30971c	(96100624)	372814.44	3756455.00	1.20333c	(96100624)
372796.75	3756367.50	1.10978c	(96100624)	372704.81	3756371.50	1.17350c	(96100624)
372706.31	3756326.75	1.11306c	(96100624)	372927.09	3756319.25	0.98319c	(96100624)
372926.22	3756245.00	0.90535c	(96100624)	373456.81	3756235.50	0.71049c	(96100624)
373448.00	3755559.75	0.84868c	(96010224)	373222.47	3755568.75	0.95896c	(96010224)
373219.34	3755705.00	0.92687c	(96010224)	373134.66	3755704.00	0.97899c	(96010224)
373131.22	3755566.75	1.00660c	(96010224)	373054.09	3755562.75	1.04708c	(96010224)
373046.22	3755174.00	0.87156c	(96010224)	372725.47	3755177.00	0.87419c	(96010224)
372624.12	3755182.25	0.86882c	(96010224)	372237.69	3755185.50	0.97429	(96062324)
371843.00	3755188.75	1.38534c	(96032624)	371462.81	3755192.00	1.76705c	(96032624)
371049.03	3755195.50	2.23042c	(96020424)	371056.31	3755349.00	2.29120c	(96020424)
371043.41	3755384.00	2.35591c	(96020424)	371042.38	3755556.25	2.88741c	(96032624)
370995.81	3755560.25	2.92231c	(96032624)	371001.00	3755419.25	2.55912c	(96020424)
370801.41	3755275.50	2.85104c	(96020424)	370666.66	3755261.75	2.74861c	(96020424)
370380.28	3755263.25	2.31708c	(96011024)	370075.88	3755265.00	2.90543c	(96011124)
369786.91	3755266.50	3.80696c	(96010124)	369498.00	3755268.25	4.45750c	(96020324)
369193.59	3755269.75	5.64024c	(96020324)	368889.16	3755271.50	3.78308c	(96020324)
368569.28	3755273.25	2.30644c	(96010124)	368274.84	3755274.75	1.94910c	(96012924)
367936.44	3755213.25	1.68801c	(96012924)				

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.59830	(96090824)	372498.53	3757611.75	0.51621	(96090824)
372248.53	3757861.75	0.51677	(96062224)	372498.53	3757861.75	0.46922	(96090824)
372248.53	3758111.75	0.41106	(96062224)	372498.53	3758111.75	0.40884	(96062224)
372248.53	3758361.75	0.34321c	(96011324)	372498.53	3758361.75	0.32664c	(96011324)
373792.78	3755334.75	0.11341c	(96010224)	374092.78	3755334.75	0.09917c	(96010224)
373792.78	3755709.75	0.09606c	(96100824)	374092.78	3755709.75	0.08952c	(96100824)
373792.78	3756084.75	0.12355c	(96100824)	374092.78	3756084.75	0.11126c	(96100824)
373792.78	3756459.75	0.14686c	(96092624)	374092.78	3756459.75	0.13022c	(96100624)
373792.78	3756834.75	0.21316c	(96090324)	374092.78	3756834.75	0.18696c	(96090324)
373792.78	3757209.75	0.26921c	(96090324)	374092.78	3757209.75	0.23780c	(96090324)
373792.78	3757584.75	0.26080c	(96090324)	374092.78	3757584.75	0.23873c	(96090324)
373792.78	3757959.75	0.26136c	(96090424)	374092.78	3757959.75	0.22731c	(96090424)
373792.78	3758334.75	0.27013	(96101124)	374092.78	3758334.75	0.24444	(96101124)
373792.78	3758709.75	0.23905	(96101124)	374092.78	3758709.75	0.22958	(96101124)
370479.03	3756653.75	13.92021c	(96052624)	367277.91	3755613.50	0.33201c	(96012724)
367231.25	3755721.75	0.35058c	(96012724)	367184.62	3755830.00	0.36006c	(96012724)
367137.97	3755938.25	0.36064c	(96012724)	367091.34	3756046.50	0.35338c	(96012724)
367048.09	3756146.75	0.34094c	(96012724)	367004.81	3756247.25	0.32424c	(96012724)
366961.56	3756347.50	0.32408	(96010824)	366917.69	3756449.50	0.33277	(96010824)
366873.81	3756551.25	0.33480	(96010824)	366829.94	3756653.00	0.33141	(96010824)
366840.22	3756684.50	0.33220	(96010824)	366889.59	3756713.50	0.33730	(96010824)
366879.00	3756682.75	0.33673	(96010824)	366852.25	3756751.00	0.33164	(96010824)
366883.62	3756736.50	0.33586	(96010824)	366820.78	3756715.00	0.32926	(96010824)
366790.12	3756728.00	0.32540	(96010824)	366744.97	3756823.25	0.31608	(96010824)
366699.81	3756918.50	0.30506	(96010824)	366654.66	3757013.75	0.29304	(96010824)
366607.66	3757113.00	0.27994	(96010824)	366560.62	3757212.00	0.26654	(96010824)
366513.62	3757311.25	0.25293	(96010824)	366464.16	3757415.75	0.23843	(96010824)
366414.69	3757520.00	0.22384	(96010824)	366434.03	3757555.50	0.22064	(96010824)
366483.69	3757562.00	0.22230	(96010824)	366566.69	3757525.00	0.23131	(96010824)
366620.62	3757538.50	0.23237	(96010824)	366646.41	3757555.50	0.23133	(96010824)
366712.75	3757550.25	0.23548	(96010824)	366779.09	3757544.75	0.23976	(96010824)
366838.81	3757582.50	0.23657	(96010824)	366912.62	3757623.25	0.23257	(96010824)
366986.47	3757664.25	0.22737	(96010824)	367074.31	3757712.75	0.21962	(96010824)
367162.16	3757761.25	0.21398c	(96020824)	367299.75	3757717.75	0.22755c	(96020824)
367384.88	3757734.00	0.23035c	(96020824)	367397.59	3757757.50	0.22746c	(96020824)
367505.56	3757818.00	0.22184c	(96020824)	367532.81	3757826.00	0.22123c	(96020824)
367561.06	3757814.00	0.22446c	(96020824)	367596.03	3757751.50	0.23813c	(96020824)
367630.97	3757689.00	0.25217c	(96020824)	367694.09	3757685.00	0.25649c	(96020824)
367749.88	3757720.50	0.25128c	(96020824)	367785.50	3757841.75	0.25229	(96020924)
367782.09	3757935.00	0.25430	(96020924)	367752.06	3757968.50	0.25026	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.25398	(96020924)	367807.91	3758034.00	0.25858	(96020924)
367866.06	3758009.25	0.26732	(96020924)	367924.19	3757984.50	0.27651	(96020924)
367938.25	3757954.00	0.27914	(96020924)	367928.38	3757922.75	0.27770	(96020924)
367914.62	3757953.25	0.27535	(96020924)	368016.69	3757908.25	0.29283	(96020924)
368118.78	3757863.25	0.31211	(96020924)	368180.06	3757838.50	0.32458	(96020924)
368242.09	3757813.50	0.33799	(96020924)	368317.75	3757784.75	0.35541	(96020924)
368406.72	3757787.75	0.37491	(96020924)	368504.88	3757788.75	0.39644	(96020924)
368603.06	3757790.00	0.41728	(96020924)	368628.38	3757765.25	0.42717	(96020924)
368675.91	3757781.00	0.43410	(96020924)	368758.84	3757821.00	0.43915	(96020924)
368838.88	3757871.50	0.43385	(96020924)	368921.38	3757923.50	0.42130	(96020924)
369003.84	3757975.50	0.40312	(96020924)	369037.66	3757968.75	0.40602	(96020924)
369100.78	3757878.25	0.44682	(96020924)	369067.19	3757885.25	0.44297	(96020924)
369139.03	3757929.50	0.42228	(96020924)	369210.91	3757973.75	0.39949	(96020924)
369243.25	3757968.25	0.40037	(96020924)	369304.81	3757894.25	0.43316	(96020924)
369366.38	3757820.00	0.47090	(96020924)	369436.44	3757793.50	0.48234	(96020924)
369435.25	3757759.75	0.50397	(96020924)	369250.56	3758016.75	0.37842	(96020924)
369343.91	3758082.50	0.34439	(96020924)	369437.25	3758148.25	0.30866	(96020924)
369429.41	3758217.50	0.28551	(96020924)	369432.19	3758306.25	0.25764	(96020924)
369434.97	3758395.00	0.23305	(96020924)	369459.97	3758419.25	0.22361	(96020924)
369558.25	3758419.25	0.20874	(96020924)	369656.53	3758419.25	0.19120	(96020924)
369754.81	3758419.25	0.18811	(96062024)	369853.09	3758419.25	0.20527c	(96092824)
369878.09	3758394.00	0.21063c	(96092824)	369877.19	3758288.75	0.21800c	(96092824)
369876.31	3758183.25	0.22434c	(96092824)	369962.47	3758103.00	0.24968c	(96092824)
370074.53	3758103.00	0.25205c	(96092824)	370186.59	3758103.00	0.25103	(96062424)
370298.62	3758103.25	0.27532	(96062424)	370323.62	3758078.00	0.28600	(96062424)
370381.38	3757991.00	0.31354	(96062424)	370435.41	3758019.25	0.29646	(96062424)
370499.31	3758049.75	0.27582	(96062424)	370485.19	3758025.25	0.28556	(96062424)
370480.69	3758086.00	0.26929	(96062424)	370505.53	3758112.75	0.25822	(96062424)
370600.72	3758113.25	0.24744c	(96040524)	370695.94	3758113.50	0.24862c	(96043024)
370791.12	3758113.75	0.25665	(96092424)	370886.34	3758114.00	0.28666c	(96021724)
370911.41	3758089.00	0.30413c	(96021724)	370910.97	3757976.00	0.35286c	(96021724)
370910.53	3757863.25	0.40847c	(96021724)	370910.06	3757750.50	0.47557c	(96021724)
370930.06	3757711.75	0.50443c	(96021724)	370960.91	3757689.25	0.52471c	(96021724)
371046.47	3757692.50	0.54915c	(96050324)	371070.81	3757667.50	0.58505c	(96050324)
371071.34	3757585.25	0.67665c	(96050324)	371046.88	3757610.00	0.63685c	(96050324)
371122.22	3757608.50	0.67021c	(96050324)	371099.47	3757595.00	0.67693c	(96050324)
371134.94	3757663.25	0.61790c	(96050324)	371170.41	3757731.75	0.56633c	(96050324)
371239.88	3757782.75	0.54462c	(96050324)	371263.72	3757807.50	0.53165c	(96050324)
371372.38	3757807.25	0.55073c	(96050324)	371385.28	3757826.75	0.53913c	(96050324)
371485.00	3757895.25	0.50594c	(96050324)	371584.72	3757963.75	0.47456c	(96050324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.44528c	(96050324)	371784.16	3758100.75	0.41822c	(96050324)
371818.31	3758095.25	0.41969c	(96050324)	371873.25	3758021.75	0.44221c	(96050324)
371928.19	3757948.50	0.47359	(96062224)	371969.34	3757946.25	0.48064	(96062224)
371989.16	3757923.75	0.49720	(96062224)	371995.12	3757843.25	0.54805	(96062224)
371969.38	3757866.50	0.53302	(96062224)	372022.50	3757868.25	0.53278	(96062224)
372048.31	3757843.00	0.54647	(96062224)	372047.16	3757745.75	0.59654	(96062224)
372046.03	3757648.50	0.63945	(96090824)	372044.88	3757551.25	0.68812	(96090824)
372040.50	3757447.75	0.72352	(96090824)	372036.12	3757345.00	0.73522	(96090824)
372031.75	3757242.00	0.73132c	(96061624)	372027.38	3757139.25	0.74614c	(96061624)
372002.59	3757115.25	0.76110c	(96061624)	371880.53	3757114.25	0.85279c	(96061624)
371758.47	3757113.25	0.95550c	(96061624)	371636.38	3757112.25	1.06779c	(96061624)
371514.31	3757111.25	1.23262	(96090824)	371394.41	3757110.25	1.42763	(96090824)
371274.53	3757109.50	1.64732	(96090824)	371154.62	3757108.50	1.91046	(96090824)
371034.75	3757107.50	2.09108	(96090824)	371059.56	3757132.50	1.93955	(96090824)
371059.44	3757085.25	2.16929	(96090824)	371034.31	3757060.25	2.33120	(96090824)
370944.22	3757060.75	2.46534	(96090824)	370854.12	3757061.25	2.43049c	(96092324)
370764.03	3757062.00	2.40262	(96031124)	370789.16	3757086.00	2.23423c	(96092324)
370785.78	3756996.25	2.99730c	(96092324)	370782.38	3756906.50	4.15962	(96090824)
370778.97	3756816.75	4.36659	(96090824)	370754.94	3756842.75	4.21905	(96090824)
370847.44	3756839.25	3.73685	(96090824)	370939.91	3756835.75	3.12960c	(96061624)
371032.41	3756832.25	2.60366c	(96061624)	371056.41	3756808.75	2.39694c	(96061624)
371058.09	3756781.75	2.31189c	(96061624)	371033.69	3756805.25	2.50320c	(96061624)
371146.19	3756802.75	1.98895c	(96061624)	371258.66	3756800.25	1.59974c	(96061624)
371371.16	3756797.75	1.31113c	(96061624)	371483.62	3756795.25	1.09147c	(96061624)
371595.03	3756793.00	0.92262c	(96061624)	371706.41	3756790.50	0.78867c	(96061624)
371817.78	3756788.00	0.69852c	(96090324)	371932.09	3756785.50	0.62903c	(96090324)
372046.38	3756783.00	0.56967c	(96090324)	372160.66	3756780.25	0.51834c	(96090324)
372274.97	3756777.75	0.47396c	(96090324)	372384.72	3756775.50	0.43672c	(96090324)
372494.47	3756773.00	0.40368c	(96090324)	372604.22	3756770.50	0.37434c	(96090324)
372713.97	3756768.00	0.34817c	(96090324)	372738.38	3756741.75	0.33042c	(96090324)
372732.97	3756646.50	0.28291c	(96090324)	372819.62	3756573.75	0.25501c	(96092624)
372843.78	3756547.75	0.24748c	(96092624)	372839.41	3756453.75	0.23251c	(96092624)
372821.25	3756362.50	0.22209c	(96100824)	372795.62	3756342.50	0.22214c	(96100824)
372731.31	3756327.75	0.22741c	(96100824)	372707.19	3756351.75	0.23435c	(96100824)
372927.97	3756344.00	0.20767c	(96100824)	372952.09	3756318.75	0.20193c	(96100824)
372951.22	3756244.75	0.19215c	(96100824)	372926.66	3756270.00	0.19789c	(96100824)
373032.78	3756268.00	0.18795c	(96100824)	373138.88	3756266.25	0.17876c	(96100824)
373245.00	3756264.25	0.17019c	(96100824)	373351.12	3756262.25	0.16222c	(96100824)
373457.25	3756260.50	0.15483c	(96100824)	373481.81	3756235.00	0.15117c	(96100824)
373480.34	3756122.50	0.14176c	(96100824)	373478.88	3756009.75	0.13167c	(96100824)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.12110c	(96100824)	373475.94	3755784.50	0.11019c	(96100824)
373474.47	3755672.00	0.10986c	(96010224)	373473.00	3755559.25	0.11960c	(96010224)
373447.00	3755534.75	0.12289c	(96010224)	373334.22	3755539.25	0.12973c	(96010224)
373221.47	3755543.75	0.13659c	(96010224)	373197.47	3755568.25	0.13702c	(96010224)
373195.91	3755636.25	0.13290c	(96010224)	373194.34	3755704.50	0.12707c	(96010224)
373219.59	3755680.00	0.12747c	(96010224)	373134.91	3755679.00	0.13403c	(96010224)
373159.66	3755703.50	0.12987c	(96010224)	373157.94	3755634.75	0.13577c	(96010224)
373156.22	3755566.00	0.13979c	(96010224)	373132.47	3755541.75	0.14211c	(96010224)
373055.34	3755537.75	0.14669c	(96010224)	373079.06	3755562.25	0.14479c	(96010224)
373077.12	3755465.00	0.14537c	(96010224)	373075.16	3755368.00	0.14160c	(96010224)
373073.19	3755270.75	0.13412c	(96010224)	373071.22	3755173.50	0.12393c	(96010224)
373046.00	3755149.00	0.12061c	(96010224)	372939.09	3755150.00	0.11990c	(96091924)
372832.16	3755151.00	0.13233c	(96091924)	372725.25	3755152.00	0.14587c	(96091924)
372622.81	3755157.25	0.15943c	(96091924)	372527.31	3755158.00	0.17308c	(96091924)
372430.69	3755159.00	0.18727c	(96091924)	372334.09	3755159.75	0.20145c	(96091924)
372237.47	3755160.50	0.21508c	(96091924)	372138.81	3755161.25	0.22769c	(96091924)
372040.12	3755162.25	0.23814c	(96091924)	371941.47	3755163.00	0.24535c	(96091924)
371842.78	3755163.75	0.24829c	(96091924)	371747.72	3755164.50	0.27584c	(96012224)
371652.69	3755165.25	0.30677c	(96012224)	371557.62	3755166.25	0.33761c	(96012224)
371462.59	3755167.00	0.36669c	(96012224)	371359.16	3755167.75	0.39412c	(96012224)
371255.72	3755168.75	0.41468c	(96012224)	371152.25	3755169.50	0.42614c	(96012224)
371048.81	3755170.50	0.42726c	(96012224)	371024.06	3755196.50	0.43814c	(96012224)
371027.69	3755273.25	0.47718c	(96012224)	371031.34	3755350.25	0.51810c	(96012224)
371019.94	3755375.50	0.53334c	(96012224)	371017.91	3755470.00	0.58866c	(96012224)
371017.38	3755556.25	0.64097c	(96012224)	371040.31	3755531.50	0.61726c	(96012224)
371025.97	3755420.25	0.55787c	(96012224)	371015.62	3755399.00	0.54735c	(96012224)
370915.81	3755327.25	0.50204c	(96012224)	370816.03	3755255.25	0.43111c	(96012224)
370736.56	3755243.75	0.39348c	(96012224)	370669.19	3755237.00	0.35819c	(96012224)
370571.06	3755237.25	0.39209c	(96102024)	370475.62	3755237.75	0.44416c	(96102024)
370380.12	3755238.25	0.48722c	(96102024)	370278.66	3755239.00	0.51288c	(96102024)
370177.19	3755239.50	0.50783c	(96102024)	370075.72	3755240.00	0.48077c	(96102024)
369979.41	3755240.50	0.43660c	(96102024)	369883.09	3755241.00	0.38016c	(96102024)
369786.78	3755241.50	0.32638c	(96022824)	369690.47	3755242.00	0.30397c	(96012624)
369594.16	3755242.75	0.31186c	(96012624)	369497.88	3755243.25	0.30244c	(96012624)
369396.38	3755243.75	0.28547c	(96021224)	369294.91	3755244.25	0.28074c	(96021224)
369193.44	3755244.75	0.27596c	(96020324)	369091.97	3755245.25	0.26758c	(96021224)
368990.50	3755246.00	0.26028c	(96021224)	368889.03	3755246.50	0.25812	(96041124)
368782.41	3755247.00	0.27084	(96041124)	368675.78	3755247.50	0.27802	(96041124)
368569.12	3755248.25	0.28001	(96041124)	368471.00	3755248.75	0.27795	(96041124)
368372.84	3755249.25	0.27269	(96041124)	368274.69	3755249.75	0.26482	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.25428c	(96011824)	368053.72	3755209.25	0.24432c	(96011824)
367940.91	3755188.50	0.23410c	(96011824)	367824.03	3755184.75	0.22512c	(96011824)
367710.84	3755181.25	0.21585c	(96011824)	367597.62	3755177.50	0.20623c	(96011824)
367484.44	3755174.00	0.19930c	(96011224)	367460.69	3755189.25	0.20235c	(96012724)
367415.00	3755295.25	0.23835c	(96012724)	367369.31	3755401.25	0.27376c	(96012724)
367323.59	3755507.25	0.30583c	(96012724)	367483.66	3755199.00	0.20393c	(96012724)
367300.88	3755623.25	0.33557c	(96012724)	367114.28	3756056.25	0.35637c	(96012724)
366984.53	3756357.50	0.32784	(96010824)	366852.91	3756663.00	0.33396	(96010824)
366902.28	3756692.00	0.33932	(96010824)	366875.53	3756760.00	0.33399	(96010824)
366812.69	3756738.50	0.32758	(96010824)	366677.25	3757024.50	0.29430	(96010824)
366536.22	3757322.00	0.25341	(96010824)	366437.28	3757530.75	0.22376	(96010824)
366486.94	3757537.25	0.22555	(96010824)	366623.91	3757468.00	0.24199	(96010824)
366644.38	3757530.75	0.23470	(96010824)	366777.06	3757519.75	0.24354	(96010824)
366998.56	3757642.25	0.23217	(96010824)	367174.25	3757739.50	0.21720c	(96020824)
367290.72	3757694.25	0.22998c	(96020824)	367412.66	3757694.75	0.23787c	(96020824)
367409.81	3757735.75	0.23150c	(96020824)	367517.78	3757796.25	0.22633c	(96020824)
367539.25	3757802.00	0.22605c	(96020824)	367609.12	3757676.75	0.25322c	(96020824)
367769.06	3757644.25	0.26966c	(96020824)	367774.81	3757718.50	0.25274c	(96020824)
367809.47	3757834.50	0.25601	(96020924)	367807.06	3757935.50	0.25820	(96020924)
367774.94	3757958.50	0.25356	(96020924)	367798.12	3758011.00	0.25730	(96020924)
367914.41	3757961.50	0.27525	(96020924)	367904.53	3757930.25	0.27377	(96020924)
368108.69	3757840.25	0.31054	(96020924)	368232.75	3757790.25	0.33671	(96020924)
368308.88	3757761.50	0.35438	(96020924)	368603.38	3757765.00	0.42167	(96020924)
368603.84	3757718.50	0.42902	(96020924)	368769.72	3757798.50	0.44737	(96020924)
369017.16	3757954.25	0.41196	(96020924)	369080.28	3757864.00	0.45321	(96020924)
369224.00	3757952.25	0.40875	(96020924)	369408.72	3757730.00	0.52550	(96020924)
369454.22	3757776.00	0.49210	(96020924)	369264.97	3757996.50	0.38639	(96020924)
369451.62	3758128.00	0.31431	(96020924)	369459.97	3758394.25	0.22990	(96020924)
369853.09	3758394.25	0.20688c	(96092824)	369850.44	3758078.00	0.23712	(96062024)
370298.62	3758078.25	0.28373	(96062424)	370297.53	3757962.75	0.33001	(96062424)
370382.34	3757966.00	0.32324	(96062424)	370510.12	3758027.25	0.27981	(96062424)
370505.62	3758087.75	0.26451	(96062424)	370886.41	3758089.00	0.29616c	(96021724)
370885.06	3757750.50	0.47008c	(96021724)	370907.31	3757701.50	0.50750c	(96021724)
370944.91	3757670.00	0.53625c	(96021724)	371045.81	3757667.50	0.57299c	(96050324)
371046.34	3757585.00	0.66539c	(96050324)	371121.66	3757583.50	0.69759c	(96050324)
371192.59	3757720.25	0.58341c	(96050324)	371253.97	3757762.25	0.56425c	(96050324)
371263.66	3757782.50	0.55061c	(96050324)	371372.34	3757782.25	0.56793c	(96050324)
371399.44	3757806.25	0.55410c	(96050324)	371798.31	3758080.25	0.42552c	(96050324)
371908.19	3757933.50	0.48101	(96062224)	371964.22	3757921.75	0.49629	(96062224)
371970.19	3757841.50	0.54918	(96062224)	372023.31	3757843.25	0.54742	(96062224)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWTRBN2 ***
INCLUDING SOURCE(S): TNSTACK9,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.69684	(96090824)	372002.41	3757140.25	0.76300c	(96061624)
371514.12	3757136.25	1.23546	(96090824)	371034.56	3757132.50	1.87818	(96090824)
371034.44	3757085.25	2.20956	(96090824)	370764.19	3757087.00	2.16651	(96031124)
370754.00	3756817.75	4.59802	(96090824)	371031.47	3756807.25	2.52007c	(96061624)
371033.12	3756780.25	2.43733c	(96061624)	371483.09	3756770.25	1.03742c	(96061624)
371817.25	3756763.00	0.67200c	(96090324)	372274.41	3756752.75	0.45655c	(96090324)
372713.41	3756743.00	0.33608c	(96090324)	372702.62	3756552.50	0.27037c	(96092624)
372818.81	3756548.75	0.25133c	(96092624)	372814.44	3756455.00	0.23599c	(96092624)
372796.75	3756367.50	0.22573c	(96100824)	372704.81	3756371.50	0.23790c	(96100824)
372706.31	3756326.75	0.23025c	(96100824)	372927.09	3756319.25	0.20452c	(96100824)
372926.22	3756245.00	0.19444c	(96100824)	373456.81	3756235.50	0.15280c	(96100824)
373448.00	3755559.75	0.12118c	(96010224)	373222.47	3755568.75	0.13536c	(96010224)
373219.34	3755705.00	0.12509c	(96010224)	373134.66	3755704.00	0.13179c	(96010224)
373131.22	3755566.75	0.14136c	(96010224)	373054.09	3755562.75	0.14631c	(96010224)
373046.22	3755174.00	0.12362c	(96010224)	372725.47	3755177.00	0.14374c	(96091924)
372624.12	3755182.25	0.15726c	(96091924)	372237.69	3755185.50	0.21500c	(96091924)
371843.00	3755188.75	0.25309c	(96091924)	371462.81	3755192.00	0.36966c	(96012224)
371049.03	3755195.50	0.43890c	(96012224)	371056.31	3755349.00	0.51460c	(96012224)
371043.41	3755384.00	0.53481c	(96012224)	371042.38	3755556.25	0.62982c	(96012224)
370995.81	3755560.25	0.65221c	(96012224)	371001.00	3755419.25	0.56153c	(96012224)
370801.41	3755275.50	0.43870c	(96012224)	370666.66	3755261.75	0.37025c	(96012224)
370380.28	3755263.25	0.50256c	(96102024)	370075.88	3755265.00	0.49439c	(96102024)
369786.91	3755266.50	0.33022c	(96022824)	369498.00	3755268.25	0.30156c	(96012624)
369193.59	3755269.75	0.28141c	(96021224)	368889.16	3755271.50	0.26668	(96041124)
368569.28	3755273.25	0.28516	(96041124)	368274.84	3755274.75	0.26841c	(96011824)
367936.44	3755213.25	0.23655c	(96011824)				

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372248.53	3757611.75	0.76823c	(96090424)	372498.53	3757611.75	0.66802c	(96090424)
372248.53	3757861.75	0.64488c	(96090424)	372498.53	3757861.75	0.60783c	(96090424)
372248.53	3758111.75	0.53949c	(96011324)	372498.53	3758111.75	0.50214c	(96100824)
372248.53	3758361.75	0.48623c	(96011324)	372498.53	3758361.75	0.45328c	(96011324)
373792.78	3755334.75	0.17553c	(96010224)	374092.78	3755334.75	0.15310c	(96010224)
373792.78	3755709.75	0.14327c	(96010224)	374092.78	3755709.75	0.11776c	(96010224)
373792.78	3756084.75	0.14207c	(96100624)	374092.78	3756084.75	0.13025c	(96100624)
373792.78	3756459.75	0.19503c	(96100624)	374092.78	3756459.75	0.17323c	(96100624)
373792.78	3756834.75	0.25968c	(96090324)	374092.78	3756834.75	0.22538c	(96090324)
373792.78	3757209.75	0.31806c	(96090324)	374092.78	3757209.75	0.27853c	(96090324)
373792.78	3757584.75	0.30596c	(96090324)	374092.78	3757584.75	0.27740c	(96090324)
373792.78	3757959.75	0.33281c	(96090424)	374092.78	3757959.75	0.28758c	(96090424)
373792.78	3758334.75	0.33085c	(96090424)	374092.78	3758334.75	0.29670c	(96090424)
373792.78	3758709.75	0.29398c	(96090424)	374092.78	3758709.75	0.27793c	(96090424)
370479.03	3756653.75	13.25024c	(96091024)	367277.91	3755613.50	0.44139c	(96012724)
367231.25	3755721.75	0.45822c	(96012724)	367184.62	3755830.00	0.46353c	(96012724)
367137.97	3755938.25	0.45794c	(96012724)	367091.34	3756046.50	0.44307c	(96012724)
367048.09	3756146.75	0.46915	(96010824)	367004.81	3756247.25	0.49394	(96010824)
366961.56	3756347.50	0.50712	(96010824)	366917.69	3756449.50	0.50910	(96010824)
366873.81	3756551.25	0.50084	(96010824)	366829.94	3756653.00	0.48438	(96010824)
366840.22	3756684.50	0.48255	(96010824)	366889.59	3756713.50	0.48812	(96010824)
366879.00	3756682.75	0.49040	(96010824)	366852.25	3756751.00	0.47485	(96010824)
366883.62	3756736.50	0.48330	(96010824)	366820.78	3756715.00	0.47458	(96010824)
366790.12	3756728.00	0.46691	(96010824)	366744.97	3756823.25	0.44262	(96010824)
366699.81	3756918.50	0.41633	(96010824)	366654.66	3757013.75	0.38940	(96010824)
366607.66	3757113.00	0.36171	(96010824)	366560.62	3757212.00	0.33516	(96010824)
366513.62	3757311.25	0.31004	(96010824)	366464.16	3757415.75	0.28535	(96010824)
366414.69	3757520.00	0.26248	(96010824)	366434.03	3757555.50	0.25725	(96010824)
366483.69	3757562.00	0.25906	(96010824)	366566.69	3757525.00	0.27139	(96010824)
366620.62	3757538.50	0.27221	(96010824)	366646.41	3757555.50	0.27040	(96010824)
366712.75	3757550.25	0.27575	(96010824)	366779.09	3757544.75	0.28130	(96010824)
366838.81	3757582.50	0.27657	(96010824)	366912.62	3757623.25	0.27525c	(96010624)
366986.47	3757664.25	0.27909c	(96010724)	367074.31	3757712.75	0.28331c	(96010724)
367162.16	3757761.25	0.28325c	(96010724)	367299.75	3757717.75	0.29793c	(96010724)
367384.88	3757734.00	0.29936c	(96010724)	367397.59	3757757.50	0.29478c	(96010724)
367505.56	3757818.00	0.28071c	(96010724)	367532.81	3757826.00	0.27816c	(96010724)
367561.06	3757814.00	0.28168c	(96010724)	367596.03	3757751.50	0.30102c	(96010724)
367630.97	3757689.00	0.31991c	(96010724)	367694.09	3757685.00	0.32288c	(96010724)
367749.88	3757720.50	0.31185c	(96010724)	367785.50	3757841.75	0.29325	(96020924)
367782.09	3757935.00	0.29695	(96020924)	367752.06	3757968.50	0.29208	(96020924)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367775.25	3758021.25	0.29759	(96020924)	367807.91	3758034.00	0.30385	(96020924)
367866.06	3758009.25	0.31513	(96020924)	367924.19	3757984.50	0.32705	(96020924)
367938.25	3757954.00	0.33007	(96020924)	367928.38	3757922.75	0.32762	(96020924)
367914.62	3757953.25	0.32497	(96020924)	368016.69	3757908.25	0.34769	(96020924)
368118.78	3757863.25	0.37298	(96020924)	368180.06	3757838.50	0.38954	(96020924)
368242.09	3757813.50	0.40747	(96020924)	368317.75	3757784.75	0.43103	(96020924)
368406.72	3757787.75	0.45918	(96020924)	368504.88	3757788.75	0.49116	(96020924)
368603.06	3757790.00	0.52339	(96020924)	368628.38	3757765.25	0.53681	(96020924)
368675.91	3757781.00	0.54953	(96020924)	368758.84	3757821.00	0.56314	(96020924)
368838.88	3757871.50	0.56253	(96020924)	368921.38	3757923.50	0.55071	(96020924)
369003.84	3757975.50	0.52845	(96020924)	369037.66	3757968.75	0.53333	(96020924)
369100.78	3757878.25	0.59380	(96020924)	369067.19	3757885.25	0.58713	(96020924)
369139.03	3757929.50	0.55841	(96020924)	369210.91	3757973.75	0.52391	(96020924)
369243.25	3757968.25	0.52467	(96020924)	369304.81	3757894.25	0.57387	(96020924)
369366.38	3757820.00	0.63144	(96020924)	369436.44	3757793.50	0.64920	(96020924)
369435.25	3757759.75	0.68408	(96020924)	369250.56	3758016.75	0.49090	(96020924)
369343.91	3758082.50	0.43695	(96020924)	369437.25	3758148.25	0.38098	(96020924)
369429.41	3758217.50	0.34800	(96020924)	369432.19	3758306.25	0.30930	(96020924)
369434.97	3758395.00	0.27626	(96020924)	369459.97	3758419.25	0.26409	(96020924)
369558.25	3758419.25	0.24714	(96062024)	369656.53	3758419.25	0.28314c	(96020324)
369754.81	3758419.25	0.33246c	(96020324)	369853.09	3758419.25	0.38205c	(96020324)
369878.09	3758394.00	0.39770c	(96020324)	369877.19	3758288.75	0.41359c	(96020324)
369876.31	3758183.25	0.42946c	(96020324)	369962.47	3758103.00	0.50013c	(96020324)
370074.53	3758103.00	0.58061c	(96020324)	370186.59	3758103.00	0.57064c	(96020324)
370298.62	3758103.25	0.53014c	(96010924)	370323.62	3758078.00	0.54153c	(96010924)
370381.38	3757991.00	0.57855c	(96010924)	370435.41	3758019.25	0.56876c	(96010924)
370499.31	3758049.75	0.54431c	(96010924)	370485.19	3758025.25	0.56114c	(96010924)
370480.69	3758086.00	0.53199c	(96010924)	370505.53	3758112.75	0.51595c	(96010924)
370600.72	3758113.25	0.46214c	(96010924)	370695.94	3758113.50	0.42077	(96092424)
370791.12	3758113.75	0.44861	(96092424)	370886.34	3758114.00	0.45927	(96092424)
370911.41	3758089.00	0.47059	(96092424)	370910.97	3757976.00	0.52678	(96092424)
370910.53	3757863.25	0.59520	(96092424)	370910.06	3757750.50	0.68345	(96092424)
370930.06	3757711.75	0.72300c	(96050324)	370960.91	3757689.25	0.78067c	(96050324)
371046.47	3757692.50	0.81450c	(96050324)	371070.81	3757667.50	0.86271c	(96050324)
371071.34	3757585.25	1.00726c	(96050324)	371046.88	3757610.00	0.95361c	(96050324)
371122.22	3757608.50	0.97701c	(96050324)	371099.47	3757595.00	0.99623c	(96050324)
371134.94	3757663.25	0.88979c	(96050324)	371170.41	3757731.75	0.79977c	(96050324)
371239.88	3757782.75	0.75104c	(96050324)	371263.72	3757807.50	0.72716c	(96050324)
371372.38	3757807.25	0.75256c	(96011324)	371385.28	3757826.75	0.73374c	(96011324)
371485.00	3757895.25	0.69961c	(96011324)	371584.72	3757963.75	0.66499c	(96011324)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371684.44	3758032.25	0.63092c	(96011324)	371784.16	3758100.75	0.59805c	(96011324)
371818.31	3758095.25	0.60603c	(96011324)	371873.25	3758021.75	0.64851c	(96011324)
371928.19	3757948.50	0.66707c	(96011324)	371969.34	3757946.25	0.65456c	(96011324)
371989.16	3757923.75	0.65153c	(96011324)	371995.12	3757843.25	0.68042c	(96100824)
371969.38	3757866.50	0.67011c	(96100824)	372022.50	3757868.25	0.66307c	(96100824)
372048.31	3757843.00	0.67155c	(96100824)	372047.16	3757745.75	0.74427c	(96090424)
372046.03	3757648.50	0.81719c	(96090424)	372044.88	3757551.25	0.87783c	(96090424)
372040.50	3757447.75	0.92432c	(96090424)	372036.12	3757345.00	0.94534c	(96090424)
372031.75	3757242.00	0.93689c	(96090424)	372027.38	3757139.25	0.89740c	(96090424)
372002.59	3757115.25	0.90621c	(96090424)	371880.53	3757114.25	1.03262c	(96090424)
371758.47	3757113.25	1.18155c	(96090424)	371636.38	3757112.25	1.35622c	(96090424)
371514.31	3757111.25	1.55827c	(96090424)	371394.41	3757110.25	1.78045c	(96090424)
371274.53	3757109.50	2.03274c	(96090424)	371154.62	3757108.50	2.31194	(96101124)
371034.75	3757107.50	2.73667	(96062224)	371059.56	3757132.50	2.52925	(96062224)
371059.44	3757085.25	2.74344	(96062224)	371034.31	3757060.25	2.96285	(96062224)
370944.22	3757060.75	3.39450	(96062224)	370854.12	3757061.25	3.42724c	(96050324)
370764.03	3757062.00	3.74754c	(96050324)	370789.16	3757086.00	3.47974c	(96050324)
370785.78	3756996.25	4.57283c	(96092324)	370782.38	3756906.50	6.22769	(96090824)
370778.97	3756816.75	6.79088	(96090824)	370754.94	3756842.75	7.49632	(96090824)
370847.44	3756839.25	5.49013	(96090824)	370939.91	3756835.75	4.17096c	(96061624)
371032.41	3756832.25	3.18216c	(96061624)	371056.41	3756808.75	3.00767c	(96090324)
371058.09	3756781.75	2.98535c	(96090324)	371033.69	3756805.25	3.13263c	(96090324)
371146.19	3756802.75	2.54595c	(96090324)	371258.66	3756800.25	2.10311c	(96090324)
371371.16	3756797.75	1.76676c	(96090324)	371483.62	3756795.25	1.50660c	(96090324)
371595.03	3756793.00	1.30314c	(96090324)	371706.41	3756790.50	1.13901c	(96090324)
371817.78	3756788.00	1.00418c	(96090324)	371932.09	3756785.50	0.88948c	(96090324)
372046.38	3756783.00	0.79360c	(96090324)	372160.66	3756780.25	0.71244c	(96090324)
372274.97	3756777.75	0.64346c	(96090324)	372384.72	3756775.50	0.58651c	(96090324)
372494.47	3756773.00	0.53680c	(96090324)	372604.22	3756770.50	0.49327c	(96090324)
372713.97	3756768.00	0.45494c	(96090324)	372738.38	3756741.75	0.43350c	(96090324)
372732.97	3756646.50	0.38330c	(96100624)	372819.62	3756573.75	0.34189c	(96100624)
372843.78	3756547.75	0.32942c	(96100624)	372839.41	3756453.75	0.30146c	(96100624)
372821.25	3756362.50	0.27532c	(96100624)	372795.62	3756342.50	0.27218c	(96100624)
372731.31	3756327.75	0.27542c	(96100624)	372707.19	3756351.75	0.28709c	(96100624)
372927.97	3756344.00	0.25649c	(96100624)	372952.09	3756318.75	0.24658c	(96100624)
372951.22	3756244.75	0.22591c	(96100624)	372926.66	3756270.00	0.23535c	(96100624)
373032.78	3756268.00	0.22479c	(96100624)	373138.88	3756266.25	0.21496c	(96100624)
373245.00	3756264.25	0.20570c	(96100624)	373351.12	3756262.25	0.19702c	(96100624)
373457.25	3756260.50	0.18892c	(96100624)	373481.81	3756235.00	0.18260c	(96100624)
373480.34	3756122.50	0.16253c	(96100624)	373478.88	3756009.75	0.14636c	(96052124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
373477.41	3755897.25	0.14691c	(96010224)	373475.94	3755784.50	0.16564c	(96010224)
373474.47	3755672.00	0.18156c	(96010224)	373473.00	3755559.25	0.19311c	(96010224)
373447.00	3755534.75	0.19759c	(96010224)	373334.22	3755539.25	0.20922c	(96010224)
373221.47	3755543.75	0.22115c	(96010224)	373197.47	3755568.25	0.22293c	(96010224)
373195.91	3755636.25	0.21903c	(96010224)	373194.34	3755704.50	0.21248c	(96010224)
373219.59	3755680.00	0.21189c	(96010224)	373134.91	3755679.00	0.22319c	(96010224)
373159.66	3755703.50	0.21728c	(96010224)	373157.94	3755634.75	0.22391c	(96010224)
373156.22	3755566.00	0.22766c	(96010224)	373132.47	3755541.75	0.23073c	(96010224)
373055.34	3755537.75	0.23881c	(96010224)	373079.06	3755562.25	0.23634c	(96010224)
373077.12	3755465.00	0.23425c	(96010224)	373075.16	3755368.00	0.22628c	(96010224)
373073.19	3755270.75	0.21336c	(96010224)	373071.22	3755173.50	0.19680c	(96010224)
373046.00	3755149.00	0.19194c	(96010224)	372939.09	3755150.00	0.19000c	(96010224)
372832.16	3755151.00	0.18654c	(96010224)	372725.25	3755152.00	0.18148c	(96010224)
372622.81	3755157.25	0.19080c	(96091924)	372527.31	3755158.00	0.20674c	(96091924)
372430.69	3755159.00	0.22337c	(96091924)	372334.09	3755159.75	0.24015c	(96091924)
372237.47	3755160.50	0.25658c	(96091924)	372138.81	3755161.25	0.27235c	(96091924)
372040.12	3755162.25	0.28628c	(96091924)	371941.47	3755163.00	0.29735c	(96091924)
371842.78	3755163.75	0.30446c	(96091924)	371747.72	3755164.50	0.30917c	(96012224)
371652.69	3755165.25	0.34158c	(96012224)	371557.62	3755166.25	0.37387c	(96012224)
371462.59	3755167.00	0.40434c	(96012224)	371359.16	3755167.75	0.43310c	(96012224)
371255.72	3755168.75	0.45444c	(96012224)	371152.25	3755169.50	0.46608c	(96012224)
371048.81	3755170.50	0.46629c	(96012224)	371024.06	3755196.50	0.47912c	(96012224)
371027.69	3755273.25	0.52686c	(96012224)	371031.34	3755350.25	0.57837c	(96012224)
371019.94	3755375.50	0.59755c	(96012224)	371017.91	3755470.00	0.67047c	(96012224)
371017.38	3755556.25	0.74832c	(96012224)	371040.31	3755531.50	0.71676c	(96012224)
371025.97	3755420.25	0.62989c	(96012224)	371015.62	3755399.00	0.61554c	(96012224)
370915.81	3755327.25	0.55711c	(96012224)	370816.03	3755255.25	0.53142c	(96051224)
370736.56	3755243.75	0.50222c	(96051224)	370669.19	3755237.00	0.45680c	(96051224)
370571.06	3755237.25	0.47452c	(96030624)	370475.62	3755237.75	0.50986c	(96030624)
370380.12	3755238.25	0.54510c	(96030624)	370278.66	3755239.00	0.57164c	(96030624)
370177.19	3755239.50	0.56054c	(96030624)	370075.72	3755240.00	0.53864c	(96030624)
369979.41	3755240.50	0.60039c	(96011124)	369883.09	3755241.00	0.65434c	(96011124)
369786.78	3755241.50	0.66826c	(96011124)	369690.47	3755242.00	0.67247c	(96012624)
369594.16	3755242.75	0.68372c	(96012624)	369497.88	3755243.25	0.68230c	(96010124)
369396.38	3755243.75	0.75943c	(96020324)	369294.91	3755244.25	0.85182c	(96020324)
369193.44	3755244.75	0.85901c	(96020324)	369091.97	3755245.25	0.79486c	(96020324)
368990.50	3755246.00	0.69229c	(96020324)	368889.03	3755246.50	0.58282c	(96020324)
368782.41	3755247.00	0.48161c	(96020324)	368675.78	3755247.50	0.46147	(96041124)
368569.12	3755248.25	0.46273	(96041124)	368471.00	3755248.75	0.45661	(96041124)
368372.84	3755249.25	0.44484	(96041124)	368274.69	3755249.75	0.42868	(96041124)

CONC DFAULT ELEV FLGPOL

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368166.50	3755229.75	0.40619	(96041124)	368053.72	3755209.25	0.38246	(96041124)
367940.91	3755188.50	0.35896	(96041124)	367824.03	3755184.75	0.34227c	(96012924)
367710.84	3755181.25	0.32883c	(96012924)	367597.62	3755177.50	0.31552c	(96012924)
367484.44	3755174.00	0.30259c	(96012924)	367460.69	3755189.25	0.30111c	(96012924)
367415.00	3755295.25	0.33615c	(96012724)	367369.31	3755401.25	0.37825c	(96012724)
367323.59	3755507.25	0.41419c	(96012724)	367483.66	3755199.00	0.30439c	(96012924)
367300.88	3755623.25	0.44670c	(96012724)	367114.28	3756056.25	0.44721c	(96012724)
366984.53	3756357.50	0.51306	(96010824)	366852.91	3756663.00	0.48772	(96010824)
366902.28	3756692.00	0.49379	(96010824)	366875.53	3756760.00	0.47774	(96010824)
366812.69	3756738.50	0.46946	(96010824)	366677.25	3757024.50	0.39013	(96010824)
366536.22	3757322.00	0.30987	(96010824)	366437.28	3757530.75	0.26196	(96010824)
366486.94	3757537.25	0.26389	(96010824)	366623.91	3757468.00	0.28692	(96010824)
366644.38	3757530.75	0.27536	(96010824)	366777.06	3757519.75	0.28677	(96010824)
366998.56	3757642.25	0.28085c	(96010724)	367174.25	3757739.50	0.28708c	(96010724)
367290.72	3757694.25	0.30100c	(96010724)	367412.66	3757694.75	0.30857c	(96010724)
367409.81	3757735.75	0.30007c	(96010724)	367517.78	3757796.25	0.28714c	(96010724)
367539.25	3757802.00	0.28548c	(96010724)	367609.12	3757676.75	0.32238c	(96010724)
367769.06	3757644.25	0.33755c	(96010724)	367774.81	3757718.50	0.31246c	(96010724)
367809.47	3757834.50	0.29797	(96020924)	367807.06	3757935.50	0.30204	(96020924)
367774.94	3757958.50	0.29626	(96020924)	367798.12	3758011.00	0.30183	(96020924)
367914.41	3757961.50	0.32498	(96020924)	367904.53	3757930.25	0.32250	(96020924)
368108.69	3757840.25	0.37030	(96020924)	368232.75	3757790.25	0.40498	(96020924)
368308.88	3757761.50	0.42875	(96020924)	368603.38	3757765.00	0.52816	(96020924)
368603.84	3757718.50	0.53582	(96020924)	368769.72	3757798.50	0.57409	(96020924)
369017.16	3757954.25	0.54137	(96020924)	369080.28	3757864.00	0.60226	(96020924)
369224.00	3757952.25	0.53781	(96020924)	369408.72	3757730.00	0.71811	(96020924)
369454.22	3757776.00	0.66499	(96020924)	369264.97	3757996.50	0.50272	(96020924)
369451.62	3758128.00	0.38897	(96020924)	369459.97	3758394.25	0.27232	(96020924)
369853.09	3758394.25	0.38551c	(96020324)	369850.44	3758078.00	0.42700c	(96020324)
370298.62	3758078.25	0.53968c	(96010924)	370297.53	3757962.75	0.58960c	(96010924)
370382.34	3757966.00	0.58977c	(96010924)	370510.12	3758027.25	0.54971c	(96010924)
370505.62	3758087.75	0.52566c	(96010924)	370886.41	3758089.00	0.47113	(96092424)
370885.06	3757750.50	0.69309	(96092424)	370907.31	3757701.50	0.72879	(96092424)
370944.91	3757670.00	0.80301c	(96050324)	371045.81	3757667.50	0.85350c	(96050324)
371046.34	3757585.00	1.00024c	(96050324)	371121.66	3757583.50	1.02142c	(96050324)
371192.59	3757720.25	0.82024c	(96050324)	371253.97	3757762.25	0.77757c	(96050324)
371263.66	3757782.50	0.75529c	(96050324)	371372.34	3757782.25	0.78710c	(96011324)
371399.44	3757806.25	0.76861c	(96011324)	371798.31	3758080.25	0.61386c	(96011324)
371908.19	3757933.50	0.67758c	(96011324)	371964.22	3757921.75	0.66147c	(96011324)
371970.19	3757841.50	0.68483c	(96100824)	372023.31	3757843.25	0.67594c	(96100824)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NEWDUCT1 ***
INCLUDING SOURCE(S): DBSTCK15,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
372019.88	3757551.50	0.88821c	(96090424)	372002.41	3757140.25	0.92146c	(96090424)
371514.12	3757136.25	1.55486c	(96090424)	371034.56	3757132.50	2.55283	(96062224)
371034.44	3757085.25	2.84938	(96062224)	370764.19	3757087.00	3.50002c	(96050324)
370754.00	3756817.75	7.42720	(96090824)	371031.47	3756807.25	3.14577c	(96090324)
371033.12	3756780.25	3.13837c	(96090324)	371483.09	3756770.25	1.46761c	(96090324)
371817.25	3756763.00	0.97470c	(96090324)	372274.41	3756752.75	0.62418c	(96090324)
372713.41	3756743.00	0.44168c	(96090324)	372702.62	3756552.50	0.35904c	(96100624)
372818.81	3756548.75	0.33442c	(96100624)	372814.44	3756455.00	0.30583c	(96100624)
372796.75	3756367.50	0.28020c	(96100624)	372704.81	3756371.50	0.29449c	(96100624)
372706.31	3756326.75	0.27829c	(96100624)	372927.09	3756319.25	0.24946c	(96100624)
372926.22	3756245.00	0.22824c	(96100624)	373456.81	3756235.50	0.18436c	(96100624)
373448.00	3755559.75	0.19574c	(96010224)	373222.47	3755568.75	0.22009c	(96010224)
373219.34	3755705.00	0.20908c	(96010224)	373134.66	3755704.00	0.22065c	(96010224)
373131.22	3755566.75	0.23045c	(96010224)	373054.09	3755562.75	0.23909c	(96010224)
373046.22	3755174.00	0.19676c	(96010224)	372725.47	3755177.00	0.18806c	(96010224)
372624.12	3755182.25	0.18912c	(96091924)	372237.69	3755185.50	0.25751c	(96091924)
371843.00	3755188.75	0.31083c	(96091924)	371462.81	3755192.00	0.40910c	(96012224)
371049.03	3755195.50	0.48012c	(96012224)	371056.31	3755349.00	0.57471c	(96012224)
371043.41	3755384.00	0.60040c	(96012224)	371042.38	3755556.25	0.73846c	(96012224)
370995.81	3755560.25	0.75967c	(96012224)	371001.00	3755419.25	0.63346c	(96012224)
370801.41	3755275.50	0.54342c	(96051224)	370666.66	3755261.75	0.47234c	(96051224)
370380.28	3755263.25	0.56136c	(96030624)	370075.88	3755265.00	0.55315c	(96030624)
369786.91	3755266.50	0.68321c	(96011124)	369498.00	3755268.25	0.69919c	(96010124)
369193.59	3755269.75	0.86498c	(96020324)	368889.16	3755271.50	0.56810c	(96020324)
368569.28	3755273.25	0.47178	(96041124)	368274.84	3755274.75	0.43129	(96041124)
367936.44	3755213.25	0.35921c	(96012924)				

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
NEWTRBN1	1ST HIGHEST VALUE IS	3.47251	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	2.07281	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	2.01884	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	1.92638	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	1.63125	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	1.57439	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.21008	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.18430	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	0.93607	AT (371032.41, 3756832.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	0.91802	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	
NEWBOILR	1ST HIGHEST VALUE IS	7.52768	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	3.09547	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	3.02777	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	2.81714	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	2.43394	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	2.20496	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.77092	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.62171	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	1.31703	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	1.31357	AT (370764.03, 3757062.00, 0.00, 0.00, 1.80)	DC	
NEWCLTWR	1ST HIGHEST VALUE IS	37.07066	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	12.96745	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	12.64347	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	11.70973	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	10.26076	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	9.03389	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	7.72818	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	6.24399	AT (370764.03, 3757062.00, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	6.02778	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	5.70625	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
NEWTRBN2	1ST HIGHEST VALUE IS	6.81908	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	2.21278	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	2.04784	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	2.04310	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	1.72833	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	1.63306	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.25116	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.20118	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	0.96781	AT (371032.41, 3756832.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	0.93253	AT (371031.47, 3756807.25, 0.00, 0.00, 1.80)	DC	
NEWDUCT1	1ST HIGHEST VALUE IS	7.65906	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
	2ND HIGHEST VALUE IS	3.09069	AT (370754.00, 3756817.75, 0.00, 0.00, 1.80)	DC	
	3RD HIGHEST VALUE IS	3.01922	AT (370754.94, 3756842.75, 0.00, 0.00, 1.80)	DC	
	4TH HIGHEST VALUE IS	2.81086	AT (370778.97, 3756816.75, 0.00, 0.00, 1.80)	DC	
	5TH HIGHEST VALUE IS	2.35206	AT (370782.38, 3756906.50, 0.00, 0.00, 1.80)	DC	
	6TH HIGHEST VALUE IS	2.20032	AT (370847.44, 3756839.25, 0.00, 0.00, 1.80)	DC	
	7TH HIGHEST VALUE IS	1.73314	AT (370785.78, 3756996.25, 0.00, 0.00, 1.80)	DC	
	8TH HIGHEST VALUE IS	1.55110	AT (370939.91, 3756835.75, 0.00, 0.00, 1.80)	DC	
	9TH HIGHEST VALUE IS	1.29303	AT (370854.12, 3757061.25, 0.00, 0.00, 1.80)	DC	
	10TH HIGHEST VALUE IS	1.29111	AT (370764.03, 3757062.00, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
NEWTRBN1	HIGH 1ST HIGH VALUE IS	13.39454	ON 96062515:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWBOILR	HIGH 1ST HIGH VALUE IS	29.65342	ON 96090309:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWCLTWR	HIGH 1ST HIGH VALUE IS	211.88571	ON 96032108:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWTRBN2	HIGH 1ST HIGH VALUE IS	24.27247	ON 96091008:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWDUCT1	HIGH 1ST HIGH VALUE IS	34.32894	ON 96101809:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
NEWTRBN1 HIGH 1ST HIGH VALUE IS	12.46518	ON 96030512:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWBOILR HIGH 1ST HIGH VALUE IS	24.88170	ON 96090309:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWCLTWR HIGH 1ST HIGH VALUE IS	138.37599	ON 96092524:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWTRBN2 HIGH 1ST HIGH VALUE IS	22.83152	ON 96011915:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWDUCT1 HIGH 1ST HIGH VALUE IS	28.40698	ON 96092112:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
NEWTRBN1 HIGH 1ST HIGH VALUE IS	10.72474c	ON 96080616:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWBOILR HIGH 1ST HIGH VALUE IS	20.18251c	ON 96011916:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWCLTWR HIGH 1ST HIGH VALUE IS	112.79635	ON 96092624:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWTRBN2 HIGH 1ST HIGH VALUE IS	20.51893	ON 96091016:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	
NEWDUCT1 HIGH 1ST HIGH VALUE IS	22.20203c	ON 96011916:	AT (370479.03, 3756653.75, 0.00, 0.00, 1.80)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

```
                                                   DATE                                                          NETWORK
GROUP ID                        AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)     OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

NEWTRBN1 HIGH  1ST HIGH VALUE IS       6.62562  ON 96030524: AT (  370479.03,  3756653.75,      0.00,      0.00,      1.80)  DC

NEWBOILR HIGH  1ST HIGH VALUE IS      12.63924c ON 96052624: AT (  370479.03,  3756653.75,      0.00,      0.00,      1.80)  DC

NEWCLTWR HIGH  1ST HIGH VALUE IS      73.94194c ON 96090324: AT (  370479.03,  3756653.75,      0.00,      0.00,      1.80)  DC

NEWTRBN2 HIGH  1ST HIGH VALUE IS      13.92021c ON 96052624: AT (  370479.03,  3756653.75,      0.00,      0.00,      1.80)  DC

NEWDUCT1 HIGH  1ST HIGH VALUE IS      13.25024c ON 96091024: AT (  370479.03,  3756653.75,      0.00,      0.00,      1.80)  DC
```

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** 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 2275 Informational Message(s)

A Total of 920 Calm Hours Identified

A Total of 1355 Missing Hours Identified (15.43 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 ***
****

Attachment 3

Cancer Risk and Chronic Non-Cancer Hazard Calculations for CUP-RP Construction Activities

Table	Title
Table 3-1A	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-1B	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Hazards)
Table 3-1C	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Commercial Cancer Risks)
Table 3-2A	Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-2B	Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Hazards)
Table 3-2C	Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Commercial Cancer Risks)
Table 3-3A	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-3B	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated (Based on Peak Location of Residential Hazards)
Table 3-3C	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated (Based on Peak Location of Commercial Cancer Risks)
Table 3-4	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 9-year - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-5	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 30-year - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-6	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 70-year - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-7	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Child Resident - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-8	RAGS A and RAGS F Comparison of Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-9A	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Residential Cancer Risks)
Table 3-9B	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Residential Hazards)
Table 3-9C	Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Commercial Cancer Risks)

Table 3-1A
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	1.95E-08	1.67E-09	5.58E-09
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.01E-03	8.63E-05	2.88E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.74E-10	1.49E-11	7.05E-10	5.81E-10	3.95E-05	3.39E-06	1.13E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	3.54E-10	3.03E-11	1.43E-09	1.18E-09	4.82E-05	4.13E-06	1.38E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.28E-08	1.09E-09	5.17E-08	4.26E-08	5.11E-06	4.38E-07	1.46E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	1.78E-11	1.53E-12	7.21E-11	5.94E-11	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	3.23E-04	2.77E-05	9.24E-05
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	1.65E-05	1.41E-06	4.71E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	5.72E-11	4.90E-12	2.31E-10	1.91E-10	5.13E-05	4.40E-06	1.47E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	3.71E-09	3.18E-10	1.06E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	5.82E-09	4.99E-10	2.35E-08	1.94E-08	1.17E-03	1.00E-04	3.34E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	5.20E-07	4.46E-08	2.10E-06	1.73E-06	3.86E-03	3.31E-04	1.10E-03
					TOTAL	**5.4E-07**	**4.6E-08**	**2.2E-06**	**1.8E-06**	**0.0065**	**0.00056**	**0.0019**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-1B
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult	
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20	(m^3/day)
Exposure Duration	6 (years)	6 (years)	70	(years)
Exposure Frequency	350 (days/year)	200 (days/year)	350	(days/year)
Body Weight	15 (kg)	40 (kg)	70	(kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550	(d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550	(d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03	(mg/ug)

	Toxicity Criteria						Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risl (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Min REL	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	1.43E+00	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	2.00E-01	NC	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	5.71E-02	NC	NC	NC	NC	1.95E-08	1.67E-09	5.58E-09
Bromine	4.63E-07	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	5.71E-05	NC	NC	NC	NC	1.01E-03	8.63E-05	2.88E-04
Silicon	1.80E-03	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	4.29E-06	1.74E-10	1.49E-11	7.05E-10	5.81E-10	3.95E-05	3.39E-06	1.13E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	5.71E-06	3.54E-10	3.03E-11	1.43E-09	1.18E-09	4.82E-05	4.13E-06	1.38E-05
Copper	1.22E-06	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	5.71E-05	1.28E-08	1.09E-09	5.17E-08	4.26E-08	5.11E-06	4.38E-07	1.46E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	NA	1.78E-11	1.53E-12	7.21E-11	5.94E-11	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	2.57E-05	NC	NC	NC	NC	3.23E-04	2.77E-05	9.24E-05
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	8.57E-06	NC	NC	NC	NC	1.65E-05	1.41E-06	4.71E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	1.43E-05	5.72E-11	4.90E-12	2.31E-10	1.91E-10	5.13E-05	4.40E-06	1.47E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	5.71E-03	NC	NC	NC	NC	3.71E-09	3.18E-10	1.06E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	2.00E-06	5.82E-09	4.99E-10	2.35E-08	1.94E-08	1.17E-03	1.00E-04	3.34E-04
Zinc	5.09E-06	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	1.43E-03	5.20E-07	4.46E-08	2.10E-06	1.73E-06	3.86E-03	3.31E-04	1.10E-03
					TOTAL		**5.4E-07**	**4.6E-08**	**2.2E-06**	**1.8E-06**	**0.0065**	**0.00056**	**0.0019**

[1] Residential Maximum Grid No. 1
NA = Not Available — **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated — **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-1C
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	40 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-carcinogenic)	14600 (d)
Averaging Time (carcinogenic)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.74E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.27E-11	1.43E-07
Acrolein	3.21E-05	NA	NA	5.71E-06	1.00E-04	NC	3.21E-05
Benzene	6.28E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.58E-09	3.65E-06
1,3-Butadiene	1.31E-04	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.48E-09	2.29E-06
Ethylbenzene	3.11E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.54E-10	5.43E-08
Ethylene glycol	7.23E-06	NA	NA	1.14E-01	1.14E-01	NC	6.31E-09
Formaldehyde	4.05E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.84E-10	1.57E-05
Hexane, n-	5.46E-04	NA	NA	2.00E-01	2.00E+00	NC	2.72E-08
Isopropyl alcohol	1.75E-05	NA	NA	NA	2.00E+00	NC	8.74E-10
Methyl alcohol	1.07E-04	NA	NA	1.14E+00	1.14E+00	NC	9.29E-09
Methyl ethyl ketone	1.12E-05	NA	NA	1.43E+00	NA	NC	7.81E-10
Propylene oxide	7.45E-04	NA	1.30E-02	NA	8.57E-03	5.52E-10	8.67E-06
Styrene	3.00E-05	NA	NA	2.86E-01	2.57E-01	NC	1.16E-08
Toluene	1.92E-03	NA	NA	1.43E+00	8.57E-02	NC	2.24E-06
Xylene (total)	1.18E-03	NA	NA	2.86E-02	2.00E-01	NC	5.87E-07
Naphthalene	1.34E-05	1.19E-01	1.20E-01	8.57E-04	2.57E-03	9.16E-11	5.19E-07
Ammonium Ion	6.12E-05	NA	NA	2.86E-02	5.71E-02	NC	1.07E-07
Bromine	2.62E-05	NA	NA	NA	NA	NC	NC
Chlorine	3.42E-03	NA	NA	4.29E-05	5.71E-05	NC	5.96E-03
Silicon	9.46E-02	NA	NA	NA	NA	NC	NC
Sulfates	1.14E-02	NA	NA	NA	NA	NC	NC
Antimony	7.36E-06	NA	NA	NA	NA	NC	NC
Arsenic	9.30E-06	1.51E+01	1.20E+01	8.57E-06	4.29E-06	6.36E-09	2.16E-04
Cadmium	1.51E-05	6.30E+00	1.50E+01	NA	5.71E-06	1.29E-08	2.64E-04
Copper	6.61E-05	NA	NA	NA	NA	NC	NC
Chromium (VI)	1.63E-05	4.20E+01	5.10E+02	2.86E-05	5.71E-05	4.74E-07	2.85E-05
Lead	2.72E-04	NA	4.20E-02	NA	NA	6.50E-10	NC
Manganese	4.58E-04	NA	NA	1.43E-05	2.57E-05	NC	1.78E-03
Mercury	7.75E-06	NA	NA	8.57E-05	8.57E-06	NC	9.02E-05
Nickel	4.21E-05	8.40E-01	9.10E-01	NA	1.43E-05	2.18E-09	2.94E-04
Selenium	1.16E-06	NA	NA	NA	5.71E-03	NC	2.03E-08
Vanadium	1.28E-04	2.91E+01	NA	2.00E-06	NA	2.12E-07	6.40E-03
Zinc	2.70E-04	NA	NA	NA	NA	NC	NC
Diesel PM	2.81E-01	NA	1.10E+00	1.43E-03	1.43E-03	1.76E-05	1.96E-02
					TOTAL	**1.8E-05**	**0.035**

[1] Commercial Maximum Grid No. **29**
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-2A
Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	-9.92E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	-8.15E-13	-6.99E-14	-3.30E-12	-2.72E-12	-2.38E-08	-2.04E-09	-6.79E-09
Acrolein	-4.64E-08	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	-4.45E-07	-3.82E-08	-1.27E-07
Benzene	-4.82E-08	7.70E-03	1.00E-01	8.57E-03	1.71E-02	-3.96E-13	-3.40E-14	-1.60E-12	-1.32E-12	-2.70E-09	-2.31E-10	-7.71E-10
1,3-Butadiene	-1.24E-08	1.05E-01	6.00E-01	5.71E-04	5.71E-03	-6.10E-13	-5.23E-14	-2.47E-12	-2.03E-12	-2.08E-09	-1.78E-10	-5.93E-10
Ethylbenzene	-5.67E-07	8.75E-03	8.70E-03	2.86E-01	5.71E-01	-4.05E-13	-3.47E-14	-1.64E-12	-1.35E-12	-9.51E-10	-8.15E-11	-2.72E-10
Formaldehyde	-1.98E-05	4.55E-02	2.10E-02	2.80E-03	2.57E-03	-3.41E-11	-2.93E-12	-1.38E-10	-1.14E-10	-7.37E-06	-6.32E-07	-2.11E-06
Hexane, n-	2.34E-07	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	1.12E-10	9.63E-12	3.21E-11
Methyl ethyl ketone	0.00E+00	NA	NA	1.43E+00	NA	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Propylene oxide	-8.34E-07	NA	1.30E-02	NA	8.57E-03	-8.91E-13	-7.64E-14	-3.61E-12	-2.97E-12	-9.33E-08	-8.00E-09	-2.67E-08
Styrene	0.00E+00	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Toluene	-2.40E-06	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	-2.68E-08	-2.30E-09	-7.66E-09
Xylene (total)	-8.36E-07	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	-4.01E-09	-3.44E-10	-1.15E-09
Hydrogen chloride	0.00E+00	NA	NA	5.71E-03	2.57E-03	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
PAHs	-4.30E-08	NA	3.90E+00	NA	NA	-1.38E-11	-1.18E-12	-5.57E-11	-4.59E-11	NC	NC	NC
Ammonium Ion	5.82E-04	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	9.77E-06	8.38E-07	2.79E-06
Chlorine	0.00E+00	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	1.51E+01	1.20E+01	8.57E-06	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	6.30E+00	1.50E+01	NA	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	0.00E+00	4.20E+01	5.10E+02	2.86E-05	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	NA	4.20E-02	NA	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NC	NC	NC
Manganese	0.00E+00	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	8.40E-01	9.10E-01	NA	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	NA	NA	NA	5.71E-03	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Diesel PM	0.00E+00	NA	1.10E+00	1.43E-03	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
					TOTAL	**-5.1E-11**	**-4.4E-12**	**-2.1E-10**	**-1.7E-10**	**0.000002**	**0.0000002**	**0.000001**

[1] Residential Maximum Grid No. 10
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-2B
Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	-3.21E-06	7.70E-03	1.00E-02	2.57E-03	4.00E-02	-2.64E-12	-2.26E-13	-1.07E-11	-8.80E-12	-7.70E-08	-6.60E-09	-2.20E-08
Acrolein	1.01E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	9.69E-07	8.31E-08	2.77E-07
Benzene	4.00E-07	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.29E-12	2.82E-13	1.33E-11	1.10E-11	2.24E-08	1.92E-09	6.39E-09
1,3-Butadiene	-4.39E-08	1.05E-01	6.00E-01	5.71E-04	5.71E-03	-2.16E-12	-1.85E-13	-8.75E-12	-7.21E-12	-7.36E-09	-6.31E-10	-2.10E-09
Ethylbenzene	-1.33E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	-9.52E-13	-8.16E-14	-3.85E-12	-3.17E-12	-2.23E-09	-1.91E-10	-6.38E-10
Formaldehyde	-6.89E-05	4.55E-02	2.10E-02	2.80E-03	2.57E-03	-1.19E-10	-1.02E-11	-4.81E-10	-3.96E-10	-2.57E-05	-2.20E-06	-7.34E-06
Hexane, n-	1.28E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	6.15E-10	5.28E-11	1.76E-10
Methyl ethyl ketone	0.00E+00	NA	NA	1.43E+00	NA	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Propylene oxide	-2.96E-06	NA	1.30E-02	NA	8.57E-03	-3.16E-12	-2.71E-13	-1.28E-11	-1.05E-11	-3.31E-07	-2.84E-08	-9.45E-08
Styrene	0.00E+00	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Toluene	-5.89E-06	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	-6.59E-08	-5.65E-09	-1.88E-08
Xylene (total)	-1.03E-06	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	-4.92E-09	-4.22E-10	-1.41E-09
Hydrogen chloride	0.00E+00	NA	NA	5.71E-03	2.57E-03	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
PAHs	-1.13E-07	NA	3.90E+00	NA	NA	-3.62E-11	-3.10E-12	-1.47E-10	-1.21E-10	NC	NC	NC
Ammonium Ion	3.49E-03	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	5.86E-05	5.02E-06	1.67E-05
Chlorine	0.00E+00	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	1.51E+01	1.20E+01	8.57E-06	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	6.30E+00	1.50E+01	NA	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	0.00E+00	4.20E+01	5.10E+02	2.86E-05	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	NA	4.20E-02	NA	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NC	NC	NC
Manganese	0.00E+00	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	8.40E-01	9.10E-01	NA	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	NA	NA	NA	5.71E-03	NC	NC	NC	NC	0.00E+00	0.00E+00	0.00E+00
Diesel PM	0.00E+00	NA	1.10E+00	1.43E-03	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
					TOTAL	**-1.6E-10**	**-1.4E-11**	**-6.5E-10**	**-5.4E-10**	**0.000033**	**0.0000029**	**0.000010**

[1] Residential Maximum Grid No. 372
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-2C
Risk Calculation for LAX Central Utility Plant Operations, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	40 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-carcinogenic)	14600 (d)
Averaging Time (carcinogenic)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	7.87E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	4.49E-11	1.96E-07
Acrolein	6.84E-05	NA	NA	5.71E-06	1.00E-04	NC	6.82E-05
Benzene	1.47E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.37E-10	8.54E-07
1,3-Butadiene	2.74E-09	1.05E-01	6.00E-01	5.71E-04	5.71E-03	9.36E-14	4.78E-11
Ethylbenzene	1.75E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	8.67E-11	3.05E-08
Formaldehyde	3.16E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	3.78E-10	1.22E-05
Hexane, n-	1.16E-04	NA	NA	2.00E-01	2.00E+00	NC	5.80E-09
Methyl ethyl ketone	0.00E+00	NA	NA	1.43E+00	NA	NC	0.00E+00
Propylene oxide	1.85E-07	NA	1.30E-02	NA	8.57E-03	1.37E-13	2.15E-09
Styrene	0.00E+00	NA	NA	2.86E-01	2.57E-01	NC	0.00E+00
Toluene	6.71E-04	NA	NA	1.43E+00	8.57E-02	NC	7.81E-07
Xylene (total)	4.99E-04	NA	NA	2.86E-02	2.00E-01	NC	2.49E-07
Hydrogen chloride	0.00E+00	NA	NA	5.71E-03	2.57E-03	NC	0.00E+00
PAHs	1.01E-05	NA	3.90E+00	NA	NA	2.25E-09	NC
Ammonium Ion	3.24E-01	NA	NA	2.86E-02	5.71E-02	NC	5.65E-04
Chlorine	0.00E+00	NA	NA	4.29E-05	5.71E-05	NC	0.00E+00
Arsenic	0.00E+00	1.51E+01	1.20E+01	8.57E-06	4.29E-06	0.00E+00	0.00E+00
Cadmium	0.00E+00	6.30E+00	1.50E+01	NA	5.71E-06	0.00E+00	0.00E+00
Copper	0.00E+00	NA	NA	NA	NA	NC	NC
Chromium (VI)	0.00E+00	4.20E+01	5.10E+02	2.86E-05	5.71E-05	0.00E+00	0.00E+00
Lead	0.00E+00	NA	4.20E-02	NA	NA	0.00E+00	NC
Manganese	0.00E+00	NA	NA	1.43E-05	2.57E-05	NC	0.00E+00
Mercury	0.00E+00	NA	NA	8.57E-05	8.57E-06	NC	0.00E+00
Nickel	0.00E+00	8.40E-01	9.10E-01	NA	1.43E-05	0.00E+00	0.00E+00
Selenium	0.00E+00	NA	NA	NA	5.71E-03	NC	0.00E+00
Diesel PM	0.00E+00	NA	1.10E+00	1.43E-03	1.43E-03	0.00E+00	0.00E+00
					TOTAL	**3.6E-09**	**0.00065**

[1] Commercial Maximum Grid No. 29
NA = Not Available — **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated — **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-3A
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	4 (years)	4 (years)	4 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	1460 (d)	1460 (d)	1460 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks			Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	5.17E-13	4.43E-14	1.48E-13	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	5.65E-11	4.84E-12	1.61E-11	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	7.07E-11	6.06E-12	2.02E-11	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	2.28E-12	1.96E-13	6.52E-13	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	7.65E-12	6.56E-13	2.19E-12	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	8.72E-12	7.47E-13	2.49E-12	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.23E-12	1.06E-13	3.53E-13	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	1.95E-08	1.67E-09	5.58E-09
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	1.01E-03	8.63E-05	2.88E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.16E-10	9.96E-12	3.32E-11	3.95E-05	3.39E-06	1.13E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	2.36E-10	2.02E-11	6.74E-11	4.82E-05	4.13E-06	1.38E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	8.52E-09	7.30E-10	2.43E-09	5.11E-06	4.38E-07	1.46E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	1.19E-11	1.02E-12	3.39E-12	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	3.23E-04	2.77E-05	9.24E-05
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	1.65E-05	1.41E-06	4.71E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	3.81E-11	3.27E-12	1.09E-11	5.13E-05	4.40E-06	1.47E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	3.71E-09	3.18E-10	1.06E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	3.88E-09	3.32E-10	1.11E-09	1.17E-03	1.00E-04	3.34E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	3.47E-07	2.97E-08	9.90E-08	3.86E-03	3.31E-04	1.10E-03
					TOTAL	**3.6E-07**	**3.1E-08**	**1.0E-07**	**0.0065**	**0.00056**	**0.0019**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-3B
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	4 (years)	4 (years)	4 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	1460 (d)	1460 (d)	1460 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks			Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	5.17E-13	4.43E-14	1.48E-13	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	5.65E-11	4.84E-12	1.61E-11	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	7.07E-11	6.06E-12	2.02E-11	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	2.28E-12	1.96E-13	6.52E-13	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	7.65E-12	6.56E-13	2.19E-12	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	8.72E-12	7.47E-13	2.49E-12	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.23E-12	1.06E-13	3.53E-13	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	1.95E-08	1.67E-09	5.58E-09
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	1.01E-03	8.63E-05	2.88E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.16E-10	9.96E-12	3.32E-11	3.95E-05	3.39E-06	1.13E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	2.36E-10	2.02E-11	6.74E-11	4.82E-05	4.13E-06	1.38E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	8.52E-09	7.30E-10	2.43E-09	5.11E-06	4.38E-07	1.46E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	1.19E-11	1.02E-12	3.39E-12	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	3.23E-04	2.77E-05	9.24E-05
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	1.65E-05	1.41E-06	4.71E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	3.81E-11	3.27E-12	1.09E-11	5.13E-05	4.40E-06	1.47E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	3.71E-09	3.18E-10	1.06E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	3.88E-09	3.32E-10	1.11E-09	1.17E-03	1.00E-04	3.34E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	3.47E-07	2.97E-08	9.90E-08	3.86E-03	3.31E-04	1.10E-03
					TOTAL	**3.6E-07**	**3.1E-08**	**1.0E-07**	**0.0065**	**0.00056**	**0.0019**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-3C
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - 4-Year Exposure - Mitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	4 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-carcinogenic)	1460 (d)
Averaging Time (carcinogenic)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.74E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.27E-12	1.43E-07
Acrolein	3.21E-05	NA	NA	5.71E-06	1.00E-04	NC	3.21E-05
Benzene	6.28E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.58E-10	3.65E-06
1,3-Butadiene	1.31E-04	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.48E-10	2.29E-06
Ethylbenzene	3.11E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.54E-11	5.43E-08
Ethylene glycol	7.23E-06	NA	NA	1.14E-01	1.14E-01	NC	6.31E-09
Formaldehyde	4.05E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.84E-11	1.57E-05
Hexane, n-	5.46E-04	NA	NA	2.00E-01	2.00E+00	NC	2.72E-08
Isopropyl alcohol	1.75E-05	NA	NA	NA	2.00E+00	NC	8.74E-10
Methyl alcohol	1.07E-04	NA	NA	1.14E+00	1.14E+00	NC	9.29E-09
Methyl ethyl ketone	1.12E-05	NA	NA	1.43E+00	NA	NC	7.81E-10
Propylene oxide	7.45E-04	NA	1.30E-02	NA	8.57E-03	5.52E-11	8.67E-06
Styrene	3.00E-05	NA	NA	2.86E-01	2.57E-01	NC	1.16E-08
Toluene	1.92E-03	NA	NA	1.43E+00	8.57E-02	NC	2.24E-06
Xylene (total)	1.18E-03	NA	NA	2.86E-02	2.00E-01	NC	5.87E-07
Naphthalene	1.34E-05	1.19E-01	1.20E-01	8.57E-04	2.57E-03	9.16E-12	5.19E-07
Ammonium Ion	6.12E-05	NA	NA	2.86E-02	5.71E-02	NC	1.07E-07
Bromine	2.62E-05	NA	NA	NA	NA	NC	NC
Chlorine	3.42E-03	NA	NA	4.29E-05	5.71E-05	NC	5.96E-03
Silicon	9.46E-02	NA	NA	NA	NA	NC	NC
Sulfates	1.14E-02	NA	NA	NA	NA	NC	NC
Antimony	7.36E-06	NA	NA	NA	NA	NC	NC
Arsenic	9.30E-06	1.51E+01	1.20E+01	8.57E-06	4.29E-06	6.36E-10	2.16E-04
Cadmium	1.51E-05	6.30E+00	1.50E+01	NA	5.71E-06	1.29E-09	2.64E-04
Copper	6.61E-05	NA	NA	NA	NA	NC	NC
Chromium (VI)	1.63E-05	4.20E+01	5.10E+02	2.86E-05	5.71E-05	4.74E-08	2.85E-05
Lead	2.72E-04	NA	4.20E-02	NA	NA	6.50E-11	NC
Manganese	4.58E-04	NA	NA	1.43E-05	2.57E-05	NC	1.78E-03
Mercury	7.75E-06	NA	NA	8.57E-05	8.57E-06	NC	9.02E-05
Nickel	4.21E-05	8.40E-01	9.10E-01	NA	1.43E-05	2.18E-10	2.94E-04
Selenium	1.16E-06	NA	NA	NA	5.71E-03	NC	2.03E-08
Vanadium	1.28E-04	2.91E+01	NA	2.00E-06	NA	2.12E-08	6.40E-03
Zinc	2.70E-04	NA	NA	NA	NA	NC	NC
Diesel PM	2.81E-01	NA	1.10E+00	1.43E-03	1.43E-03	1.76E-06	1.96E-02
					TOTAL	**1.8E-06**	**0.035**

[1] Commercial Maximum Grid No. 29
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-4
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 9-year - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Adult - CUP-9 yr	Residential Adult - 452 L/kg-d	Residential Adult - 581 L/kg-d
Inhalation rate	20 (m^3/day)	32 (m^3/day)	41 (m^3/day)
Inhalation rate	286 (L/kg BW-day)	452 (L/kg BW-day)	581 (L/kg BW-day)
Exposure Duration	9 (years)	9 (years)	9 (years)
Exposure Frequency	350 (days/year)	350 (days/year)	350 (days/year)
Body Weight	70 (kg)	70 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	3285 (d)	3285 (d)	3285 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks			Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Res. CUP-9 yr	Cancer Risk to Adult Res. 452 L/kg-d	Cancer Risk to Adult Res. 581 L/kg-d	Hazard Quotient Adult Res. CUP-9 yr	Hazard Quotient Adult Res. 452 L/kg-d	Hazard Quotient Adult Res. 581 L/kg-d
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.32E-13	5.25E-13	6.75E-13	6.46E-09	1.02E-08	1.31E-08
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	1.45E-06	2.29E-06	2.94E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.63E-11	5.75E-11	7.39E-11	1.65E-07	2.61E-07	3.35E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.55E-11	7.20E-11	9.25E-11	1.03E-07	1.63E-07	2.10E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.47E-12	2.32E-12	2.99E-12	2.30E-09	3.63E-09	4.67E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	1.84E-10	2.92E-10	3.75E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.92E-12	7.78E-12	1.00E-11	7.08E-07	1.12E-06	1.44E-06
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	1.10E-09	1.73E-09	2.23E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	2.55E-11	4.04E-11	5.19E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	4.06E-10	6.42E-10	8.25E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	2.78E-11	4.40E-11	5.66E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	5.60E-12	8.87E-12	1.14E-11	3.91E-07	6.19E-07	7.95E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	5.25E-10	8.31E-10	1.07E-09
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	9.13E-08	1.44E-07	1.86E-07
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	2.64E-08	4.18E-08	5.38E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	7.94E-13	1.26E-12	1.61E-12	2.00E-08	3.17E-08	4.07E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	5.58E-09	8.82E-09	1.13E-08
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	2.88E-04	4.55E-04	5.85E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	7.47E-11	1.18E-10	1.52E-10	1.13E-05	1.79E-05	2.30E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	1.52E-10	2.40E-10	3.08E-10	1.38E-05	2.18E-05	2.80E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	5.47E-09	8.66E-09	1.11E-08	1.46E-06	2.31E-06	2.97E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	7.63E-12	1.21E-11	1.55E-11	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	9.24E-05	1.46E-04	1.88E-04
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	4.71E-06	7.44E-06	9.57E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	2.45E-11	3.88E-11	4.98E-11	1.47E-05	2.32E-05	2.98E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	1.06E-09	1.67E-09	2.15E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	2.49E-09	3.94E-09	5.07E-09	3.34E-04	5.28E-04	6.79E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	2.23E-07	3.52E-07	4.53E-07	1.10E-03	1.74E-03	2.24E-03
					TOTAL	**2.3E-07**	**3.7E-07**	**4.7E-07**	**0.0019**	**0.003**	**0.004**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-5
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 30-year - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Adult - CUP-30 yr	Residential Adult - 271 L/kg-d	Residential Adult - 302 L/kg-d	Residential Adult - 393 L/kg-d
Inhalation rate	20 (m^3/day)	19 (m^3/day)	21 (m^3/day)	28 (m^3/day)
Inhalation rate	286 (L/kg BW-day)	271 (L/kg BW-day)	302 (L/kg BW-day)	393 (L/kg BW-day)
Exposure Duration	30 (years)	30 (years)	30 (years)	30 (years)
Exposure Frequency	350 (days/year)	350 (days/year)	350 (days/year)	350 (days/year)
Body Weight	70 (kg)	70 (kg)	70 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	10950 (d)	10950 (d)	10950 (d)	10950 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients			
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Res. CUP-30 yr	Cancer Risk to Adult Res. 271 L/kg-d	Cancer Risk to Adult Res. 302 L/kg-d	Cancer Risk to Adult Res. 393 L/kg-d	Hazard Quotient Adult Res. CUP-30 yr	Hazard Quotient Adult Res. 271 L/kg-d	Cancer Risk to Adult Res. 302 L/kg-d	Hazard Quotient Adult Res. 393 L/kg-d
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	1.11E-12	1.05E-12	1.17E-12	1.52E-12	6.46E-09	6.13E-09	6.83E-09	8.88E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	1.45E-06	1.37E-06	1.53E-06	1.99E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	1.21E-10	1.15E-10	1.28E-10	1.67E-10	1.65E-07	1.56E-07	1.74E-07	2.27E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.52E-10	1.44E-10	1.60E-10	2.09E-10	1.03E-07	9.79E-08	1.09E-07	1.42E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	4.89E-12	4.64E-12	5.17E-12	6.73E-12	2.30E-09	2.18E-09	2.43E-09	3.16E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	1.84E-10	1.75E-10	1.95E-10	2.54E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.64E-11	1.55E-11	1.73E-11	2.25E-11	7.08E-07	6.72E-07	7.49E-07	9.74E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	1.10E-09	1.04E-09	1.16E-09	1.51E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	2.55E-11	2.42E-11	2.70E-11	3.51E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	4.06E-10	3.85E-10	4.29E-10	5.58E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	2.78E-11	2.64E-11	2.94E-11	3.83E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.87E-11	1.77E-11	1.97E-11	2.57E-11	3.91E-07	3.71E-07	4.13E-07	5.38E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	5.25E-10	4.98E-10	5.55E-10	7.22E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	9.13E-08	8.66E-08	9.65E-08	1.26E-07
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	2.64E-08	2.51E-08	2.79E-08	3.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	2.65E-12	2.51E-12	2.80E-12	3.64E-12	2.00E-08	1.90E-08	2.12E-08	2.75E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	5.58E-09	5.29E-09	5.89E-09	7.67E-09
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	2.88E-04	2.73E-04	3.04E-04	3.96E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	2.49E-10	2.36E-10	2.63E-10	3.42E-10	1.13E-05	1.07E-05	1.19E-05	1.55E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	5.06E-10	4.80E-10	5.34E-10	6.95E-10	1.38E-05	1.31E-05	1.45E-05	1.89E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.82E-08	1.73E-08	1.93E-08	2.51E-08	1.46E-06	1.39E-06	1.54E-06	2.01E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	2.54E-11	2.41E-11	2.69E-11	3.50E-11	NC	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	9.24E-05	8.76E-05	9.76E-05	1.27E-04
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	4.71E-06	4.46E-06	4.97E-06	6.47E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	8.17E-11	7.75E-11	8.63E-11	1.12E-10	1.47E-05	1.39E-05	1.55E-05	2.02E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	1.06E-09	1.00E-09	1.12E-09	1.46E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	8.31E-09	7.88E-09	8.78E-09	1.14E-08	3.34E-04	3.17E-04	3.53E-04	4.59E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	7.43E-07	7.04E-07	7.85E-07	1.02E-06	1.10E-03	1.05E-03	1.17E-03	1.52E-03
					TOTAL	**7.7E-07**	**7.3E-07**	**8.1E-07**	**1.1E-06**	**0.002**	**0.0018**	**0.002**	**0.003**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-6
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Adult Resident, 70-year - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Adult - CUP	Residential Adult - 271 L/kg-d	Residential Adult - 302 L/kg-d	Residential Adult - 393 L/kg-d
Inhalation rate	20 (m^3/day)	19 (m^3/day)	21 (m^3/day)	28 (m^3/day)
Inhalation rate	286 (L/kg BW-day)	271 (L/kg BW-day)	302 (L/kg BW-day)	393 (L/kg BW-day)
Exposure Duration	70 (years)	70 (years)	70 (years)	70 (years)
Exposure Frequency	350 (days/year)	350 (days/year)	350 (days/year)	350 (days/year)
Body Weight	70 (kg)	70 (kg)	70 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	25550 (d)	25550 (d)	25550 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients			
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Res. CUP-70 yr	Cancer Risk to Adult Res. 271 L/kg-d	Cancer Risk to Adult Res. 302 L/kg-d	Cancer Risk to Adult Res. 393 L/kg-d	Hazard Quotient Adult Res. CUP-70 yr	Hazard Quotient Adult Res. 271 L/kg-d	Hazard Quotient Adult Res. 302 L/kg-d	Hazard Quotient Adult Res. 393 L/kg-d
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	2.58E-12	2.45E-12	2.73E-12	3.55E-12	6.46E-09	6.13E-09	6.83E-09	8.88E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	1.45E-06	1.37E-06	1.53E-06	1.99E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	2.83E-10	2.68E-10	2.99E-10	3.89E-10	1.65E-07	1.56E-07	1.74E-07	2.27E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	3.54E-10	3.36E-10	3.74E-10	4.87E-10	1.03E-07	9.79E-08	1.09E-07	1.42E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.14E-11	1.08E-11	1.21E-11	1.57E-11	2.30E-09	2.18E-09	2.43E-09	3.16E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	1.84E-10	1.75E-10	1.95E-10	2.54E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	3.82E-11	3.63E-11	4.04E-11	5.26E-11	7.08E-07	6.72E-07	7.49E-07	9.74E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	1.10E-09	1.04E-09	1.16E-09	1.51E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	2.55E-11	2.42E-11	2.70E-11	3.51E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	4.06E-10	3.85E-10	4.29E-10	5.58E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	2.78E-11	2.64E-11	2.94E-11	3.83E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	4.36E-11	4.13E-11	4.61E-11	6.00E-11	3.91E-07	3.71E-07	4.13E-07	5.38E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	5.25E-10	4.98E-10	5.55E-10	7.22E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	9.13E-08	8.66E-08	9.65E-08	1.26E-07
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	2.64E-08	2.51E-08	2.79E-08	3.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	6.17E-12	5.86E-12	6.53E-12	8.49E-12	2.00E-08	1.90E-08	2.12E-08	2.75E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	5.58E-09	5.29E-09	5.89E-09	7.67E-09
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	2.88E-04	2.73E-04	3.04E-04	3.96E-04
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	5.81E-10	5.51E-10	6.14E-10	7.99E-10	1.13E-05	1.07E-05	1.19E-05	1.55E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	1.18E-09	1.12E-09	1.25E-09	1.62E-09	1.38E-05	1.31E-05	1.45E-05	1.89E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	4.26E-08	4.04E-08	4.50E-08	5.86E-08	1.46E-06	1.39E-06	1.54E-06	2.01E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	5.94E-11	5.63E-11	6.28E-11	8.17E-11	NC	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	9.24E-05	8.76E-05	9.76E-05	1.27E-04
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	4.71E-06	4.46E-06	4.97E-06	6.47E-06
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	1.91E-10	1.81E-10	2.01E-10	2.62E-10	1.47E-05	1.39E-05	1.55E-05	2.02E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	1.06E-09	1.00E-09	1.12E-09	1.46E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	1.94E-08	1.84E-08	2.05E-08	2.67E-08	3.34E-04	3.17E-04	3.53E-04	4.59E-04
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	1.73E-06	1.64E-06	1.83E-06	2.38E-06	1.10E-03	1.05E-03	1.17E-03	1.52E-03
					TOTAL	**1.8E-06**	**1.7E-06**	**1.9E-06**	**2.5E-06**	**0.0019**	**0.0018**	**0.002**	**0.003**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-7
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Inhalation Rate Sensitivity, Child Resident - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child - CUP	Residential Child - 452 L/kg-d	Residential Child - 581 L/kg-d	Residential Child - CUP-9 yr
Inhalation rate	15 (m^3/day)	7 (m^3/day)	9 (m^3/day)	15 (m^3/day)
Inhalation rate	1000 (L/kg BW-day)	452 (L/kg BW-day)	581 (L/kg BW-day)	1000 (L/kg BW-day)
Exposure Duration	6 (years)	9 (years)	9 (years)	9 (years)
Exposure Frequency	350 (days/year)	350 (days/year)	350 (days/year)	350 (days/year)
Body Weight	15 (kg)	15 (kg)	15 (kg)	15 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	3285 (d)	3285 (d)	3285 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients			
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Res. CUP	Cancer Risk to Child Res. 452 L/kg-d	Cancer Risk to Child Res. 581 L/kg-d	Cancer Risk to Child Res. CUP-9 yr	Hazard Quotient Child Res. CUP	Hazard Quotient Child Res. 452 L/kg-d	Hazard Quotient Child Res. 581 L/kg-d	Hazard Quotient Child Res. CUP-9 yr
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	5.25E-13	6.75E-13	1.16E-12	2.26E-08	1.02E-08	1.31E-08	2.26E-08
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	2.29E-06	2.94E-06	5.07E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	5.75E-11	7.39E-11	1.27E-10	5.77E-07	2.61E-07	3.35E-07	5.77E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	7.20E-11	9.25E-11	1.59E-10	3.61E-07	1.63E-07	2.10E-07	3.61E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.32E-12	2.99E-12	5.14E-12	8.04E-09	3.63E-09	4.67E-09	8.04E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	2.92E-10	3.75E-10	6.45E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	7.78E-12	1.00E-11	1.72E-11	2.48E-06	1.12E-06	1.44E-06	2.48E-06
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	1.73E-09	2.23E-09	3.83E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	4.04E-11	5.19E-11	8.94E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	6.42E-10	8.25E-10	1.42E-09
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	4.40E-11	5.66E-11	9.75E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	8.87E-12	1.14E-11	1.96E-11	1.37E-06	6.19E-07	7.95E-07	1.37E-06
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	8.31E-10	1.07E-09	1.84E-09
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	1.44E-07	1.86E-07	3.19E-07
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	9.25E-08	4.18E-08	5.38E-08	9.25E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.26E-12	1.61E-12	2.78E-12	7.00E-08	3.17E-08	4.07E-08	7.00E-08
Ammonium Ion	1.16E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	1.95E-08	8.82E-09	1.13E-08	1.95E-08
Bromine	4.63E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.00E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.01E-03	4.55E-04	5.85E-04	1.01E-03
Silicon	1.80E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Antimony	1.40E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.77E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.74E-10	1.18E-10	1.52E-10	2.61E-10	3.95E-05	1.79E-05	2.30E-05	3.95E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	NA	5.71E-06	3.54E-10	2.40E-10	3.08E-10	5.31E-10	4.82E-05	2.18E-05	2.80E-05	4.82E-05
Copper	1.22E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.28E-08	8.66E-09	1.11E-08	1.92E-08	5.11E-06	2.31E-06	2.97E-06	5.11E-06
Lead	5.16E-06	NA	4.20E-02	NA	NA	1.78E-11	1.21E-11	1.55E-11	2.67E-11	NC	NC	NC	NC
Manganese	8.67E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	3.23E-04	1.46E-04	1.88E-04	3.23E-04
Mercury	1.47E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	1.65E-05	7.44E-06	9.57E-06	1.65E-05
Nickel	7.64E-07	8.40E-01	9.10E-01	NA	1.43E-05	5.72E-11	3.88E-11	4.98E-11	8.58E-11	5.13E-05	2.32E-05	2.98E-05	5.13E-05
Selenium	2.21E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	3.71E-09	1.67E-09	2.15E-09	3.71E-09
Vanadium	2.44E-06	2.91E+01	NA	2.00E-06	NA	5.82E-09	3.94E-09	5.07E-09	8.73E-09	1.17E-03	5.28E-04	6.79E-04	1.17E-03
Zinc	5.09E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.75E-03	NA	1.10E+00	1.43E-03	1.43E-03	5.20E-07	3.52E-07	4.53E-07	7.80E-07	3.86E-03	1.74E-03	2.24E-03	3.86E-03
					TOTAL	**5.4E-07**	**3.7E-07**	**4.7E-07**	**8.1E-07**	**0.007**	**0.003**	**0.004**	**0.007**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-8
RAGS A and RAGS F Comparison of Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	Residential Adult
Inhalation rate (IR)	15 (m^3/day)	20 (m^3/day)
Exposure Duration (ED)	6 (years)	70 (years)
Exposure Frequency (EF)	350 (days/year)	350 (days/year)
Body Weight (BW)	15 (kg)	70 (kg)
Averaging Time (non-carcinogenic) (ATnc)	2190 (d)	25550 (d)
Averaging Time (carcinogenic) (ATc)	25550 (d)	25550 (d)
Conversion Factor (CF)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

RAGS A Inhalation Equations

CDI = (CA x CF x IR x EF x ED) / (BW AT)
Risk = SFi x CDI
HQ =CDI / REL
Where:
CDI = Chronic Daily Intake
IR = Inhalation Rate
CA = Concentration in Air
EF = Exposure Frequency
CF = Conversion Factor
ED = Exposure Duration

RAGS F Equations

EC = (CA x EF x ED) / (AT)
Risk = IUR x EC
HQ = EC / REL
BW = Body Weight
REL = Reference Exposure Level
IUR = Inhalation Unit Risk
EC = Exposure Concentration
SFi = Inhalation Slope Factor
AT = Averaging Time (for cancer or non-cancer)

	Toxicity Criteria									Cancer Risks		Hazard Quotients	
TAC[2]	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Unit Risk[3] $(ug/m^3)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA REL (mg/kg-d)	CalEPA REL[3] (ug/m^3)	RAGS F Cancer Risk Exposure Concentration	RAGS F Hazard Exposure Concentration	RAGS F Cancer Risk Adult Resident	RAGS A Cancer Risk Adult Resident	RAGS F Hazard Quotient Child Resident	RAGS A Hazard Quotient Child Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.70E-06	2.57E-03	4.00E-02	1.40E+02	9.04E-07	9.04E-07	2.44E-12	2.58E-12	6.46E-09	2.26E-08
Acrolein	5.28E-07	NA	NA	NA	5.71E-06	1.00E-04	3.50E-01	5.07E-07	5.07E-07	NC	NC	1.45E-06	5.07E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	2.90E-05	8.57E-03	1.71E-02	6.00E+01	9.89E-06	9.89E-06	2.87E-10	3.43E-10	1.65E-07	5.77E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	1.70E-04	5.71E-04	5.71E-03	2.00E+01	2.06E-06	2.06E-06	3.51E-10	4.30E-10	1.03E-07	3.61E-07
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	6.00E-06	2.80E-03	2.57E-03	9.00E+00	6.37E-06	6.37E-06	3.82E-11	4.64E-11	7.08E-07	2.48E-06
Naphthalene	1.88E-07	1.19E-01	1.20E-01	3.40E-05	8.57E-04	2.57E-03	9.00E+00	1.80E-07	1.80E-07	6.12E-12	7.50E-12	2.00E-08	7.00E-08
Chlorine	6.00E-05	NA	NA	NA	4.29E-05	5.71E-05	2.00E-01	5.75E-05	5.75E-05	NC	NC	2.88E-04	1.01E-03
Arsenic	1.77E-07	1.51E+01	1.20E+01	3.30E-03	8.57E-06	4.29E-06	1.50E-02	1.69E-07	1.69E-07	5.59E-10	7.05E-10	1.13E-05	3.95E-05
Cadmium	2.87E-07	6.30E+00	1.50E+01	4.20E-03	NA	5.71E-06	2.00E-02	2.75E-07	2.75E-07	1.16E-09	1.43E-09	1.38E-05	4.82E-05
Chromium (VI)	3.05E-07	4.20E+01	5.10E+02	1.50E-01	2.86E-05	5.71E-05	2.00E-01	2.92E-07	2.92E-07	4.38E-08	5.17E-08	1.46E-06	5.11E-06
Manganese	8.67E-06	NA	NA	NA	1.43E-05	2.57E-05	9.00E-02	8.31E-06	8.31E-06	NC	NC	9.24E-05	3.23E-04
Mercury	1.47E-07	NA	NA	NA	8.57E-05	8.57E-06	3.00E-02	1.41E-07	1.41E-07	NC	NC	4.71E-06	1.65E-05
Nickel	7.64E-07	8.40E-01	9.10E-01	2.60E-04	NA	1.43E-05	5.00E-02	7.33E-07	7.33E-07	1.91E-10	2.31E-10	1.47E-05	5.13E-05
Vanadium	2.44E-06	2.91E+01	NA	8.30E-03	2.00E-06	NA	7.00E-03	2.34E-06	2.34E-06	1.94E-08	2.35E-08	3.34E-04	1.17E-03
Diesel PM	5.75E-03	NA	1.10E+00	3.00E-04	1.43E-03	1.43E-03	5.00E+00	5.51E-03	5.51E-03	1.65E-06	2.10E-06	1.10E-03	3.86E-03
						TOTAL				**1.7E-06**	**2.2E-06**	**0.0019**	**0.0065**
[1] Residential Maximum Grid No.	**1**										**21%**		**71%**

[2] Selected list of TACs only includes TACs with risks or hazards contributing 0.1 percent or greater.
[3] Inhalation unit risk values from OEHHA online toxicity database and CalEPA RELs from http://www.oehha.ca.gov/air/acute_rels/relnums.html, except for vanadium toxicity values which were obtained from the USEPA Regional Screening Levels table.

NA = Not Available — **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated — **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-9A
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parame	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequen	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (n	2190 (d)	2190 (d)	25550 (d)
Averaging Time (c	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl keto	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	2.90E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	4.87E-08	4.17E-09	1.39E-08
Bromine	8.47E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	1.07E-04	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.79E-03	1.53E-04	5.12E-04
Silicon	4.48E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	3.49E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	4.40E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	4.34E-10	3.72E-11	1.76E-09	1.45E-09	9.85E-05	8.45E-06	2.82E-05
Cadmium	7.16E-07	6.30E+00	1.50E+01	NA	5.71E-06	8.82E-10	7.56E-11	3.57E-09	2.94E-09	1.20E-04	1.03E-05	3.43E-05
Copper	2.74E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	7.16E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	3.00E-08	2.57E-09	1.21E-07	1.00E-07	1.20E-05	1.03E-06	3.43E-06
Lead	1.29E-05	NA	4.20E-02	NA	NA	4.44E-11	3.81E-12	1.80E-10	1.48E-10	NC	NC	NC
Manganese	2.13E-05	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	7.95E-04	6.81E-05	2.27E-04
Mercury	3.67E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	4.11E-05	3.52E-06	1.17E-05
Nickel	1.60E-06	8.40E-01	9.10E-01	NA	1.43E-05	1.20E-10	1.03E-11	4.84E-10	3.99E-10	1.07E-04	9.20E-06	3.07E-05
Selenium	5.51E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	9.24E-09	7.92E-10	2.64E-09
Vanadium	6.07E-06	2.91E+01	NA	2.00E-06	NA	1.45E-08	1.24E-09	5.87E-08	4.83E-08	2.91E-03	2.50E-04	8.32E-04
Zinc	1.24E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.95E-03	NA	1.10E+00	1.43E-03	1.43E-03	5.38E-07	4.61E-08	2.18E-06	1.79E-06	3.99E-03	3.42E-04	1.14E-03
					TOTAL	**5.8E-07**	**5.0E-08**	**2.4E-06**	**1.9E-06**	**0.0099**	**0.00085**	**0.0028**

[1] Residential Max 1
NA = Not Availabl ug/m^3 = micrograms per cubic meter
NC = Not Calcula mg/kg-d = milligrams per kilogram day

Source: Camp Dresser & McKee Inc., 2009

Table 3-9-B
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-ca	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcin	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria					Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	Max Slope factor	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	1.93E-05	NA	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	9.25E-08	7.93E-09	2.64E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	2.90E-06	NA	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	4.87E-08	4.17E-09	1.39E-08
Bromine	8.47E-07	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	1.07E-04	NA	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.79E-03	1.53E-04	5.12E-04
Silicon	4.48E-03	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	3.49E-07	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	4.40E-07	1.51E+01	1.20E+01	1.20E+01	8.57E-06	4.29E-06	4.34E-10	3.72E-11	1.76E-09	1.45E-09	9.85E-05	8.45E-06	2.82E-05
Cadmium	7.16E-07	6.30E+00	1.50E+01	1.50E+01	NA	5.71E-06	8.82E-10	7.56E-11	3.57E-09	2.94E-09	1.20E-04	1.03E-05	3.43E-05
Copper	2.74E-06	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	7.16E-07	4.20E+01	5.10E+02	5.10E+02	2.86E-05	5.71E-05	3.00E-08	2.57E-09	1.21E-07	1.00E-07	1.20E-05	1.03E-06	3.43E-06
Lead	1.29E-05	NA	4.20E-02	4.20E-02	NA	NA	4.44E-11	3.81E-12	1.80E-10	1.48E-10	NC	NC	NC
Manganese	2.13E-05	NA	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	7.95E-04	6.81E-05	2.27E-04
Mercury	3.67E-07	NA	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	4.11E-05	3.52E-06	1.17E-05
Nickel	1.60E-06	8.40E-01	9.10E-01	9.10E-01	NA	1.43E-05	1.20E-10	1.03E-11	4.84E-10	3.99E-10	1.07E-04	9.20E-06	3.07E-05
Selenium	5.51E-08	NA	NA	NA	NA	5.71E-03	NC	NC	NC	NC	9.24E-09	7.92E-10	2.64E-09
Vanadium	6.07E-06	2.91E+01	NA	2.91E+01	2.00E-06	NA	1.45E-08	1.24E-09	5.87E-08	4.83E-08	2.91E-03	2.50E-04	8.32E-04
Zinc	1.24E-05	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	5.95E-03	NA	1.10E+00	1.10E+00	1.43E-03	1.43E-03	5.38E-07	4.61E-08	2.18E-06	1.79E-06	3.99E-03	3.42E-04	1.14E-03
						TOTAL	**5.8E-07**	**5.0E-08**	**2.4E-06**	**1.9E-06**	**0.0099**	**0.00085**	**0.0028**

[1] Residential Maximun 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 3-9C
Risk Calculation for LAX Central Utility Plant Construction, Horizon Year 2013, 2008 Baseline - Lifetime Exposure -Unmitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	40 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-ca	14600 (d)
Averaging Time (carcin	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.74E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.27E-11	1.43E-07
Acrolein	3.21E-05	NA	NA	5.71E-06	1.00E-04	NC	3.21E-05
Benzene	6.28E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.58E-09	3.65E-06
1,3-Butadiene	1.31E-04	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.48E-09	2.29E-06
Ethylbenzene	3.11E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.54E-10	5.43E-08
Ethylene glycol	7.23E-06	NA	NA	1.14E-01	1.14E-01	NC	6.31E-09
Formaldehyde	4.05E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.84E-10	1.57E-05
Hexane, n-	5.46E-04	NA	NA	2.00E-01	2.00E+00	NC	2.72E-08
Isopropyl alcohol	1.75E-05	NA	NA	NA	2.00E+00	NC	8.74E-10
Methyl alcohol	1.07E-04	NA	NA	1.14E+00	1.14E+00	NC	9.29E-09
Methyl ethyl ketone	1.12E-05	NA	NA	1.43E+00	NA	NC	7.81E-10
Propylene oxide	7.45E-04	NA	1.30E-02	NA	8.57E-03	5.52E-10	8.67E-06
Styrene	3.00E-05	NA	NA	2.86E-01	2.57E-01	NC	1.16E-08
Toluene	1.92E-03	NA	NA	1.43E+00	8.57E-02	NC	2.24E-06
Xylene (total)	1.18E-03	NA	NA	2.86E-02	2.00E-01	NC	5.87E-07
Naphthalene	1.34E-05	1.19E-01	1.20E-01	8.57E-04	2.57E-03	9.16E-11	5.19E-07
Ammonium Ion	1.53E-04	NA	NA	2.86E-02	5.71E-02	NC	2.66E-07
Bromine	4.64E-05	NA	NA	NA	NA	NC	NC
Chlorine	5.87E-03	NA	NA	4.29E-05	5.71E-05	NC	1.02E-02
Silicon	2.36E-01	NA	NA	NA	NA	NC	NC
Sulfates	1.14E-02	NA	NA	NA	NA	NC	NC
Antimony	1.83E-05	NA	NA	NA	NA	NC	NC
Arsenic	2.32E-05	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.58E-08	5.39E-04
Cadmium	3.76E-05	6.30E+00	1.50E+01	NA	5.71E-06	3.22E-08	6.57E-04
Copper	1.46E-04	NA	NA	NA	NA	NC	NC
Chromium (VI)	3.79E-05	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.10E-06	6.62E-05
Lead	6.77E-04	NA	4.20E-02	NA	NA	1.62E-09	NC
Manganese	1.12E-03	NA	NA	1.43E-05	2.57E-05	NC	4.35E-03
Mercury	1.93E-05	NA	NA	8.57E-05	8.57E-06	NC	2.25E-04
Nickel	8.60E-05	8.40E-01	9.10E-01	NA	1.43E-05	4.46E-09	6.00E-04
Selenium	2.90E-06	NA	NA	NA	5.71E-03	NC	5.05E-08
Vanadium	3.20E-04	2.91E+01	NA	2.00E-06	NA	5.29E-07	1.59E-02
Zinc	6.54E-04	NA	NA	NA	NA	NC	NC
Diesel PM	2.93E-01	NA	1.10E+00	1.43E-03	1.43E-03	1.84E-05	2.05E-02
					TOTAL	**2.0E-05**	**0.053**

[1] Commercial Maximu 29
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Attachment 4

Acute Non-Cancer Hazard Calculations for CUP-RP Construction Activities

Table	Title
Table 4-1A	Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
Table 4-1B	Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
Table 4-2A	Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
Table 4-2B	Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
Table 4-3A	Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
Table 4-3B	Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
Table 4-4A	Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
Table 4-4B	Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
Table 4-5	Calculation of Mitigated Incremental Acute Hazard Indices for 8-Hour Peak PM10 for the LAX Central Utility Plant for Onsite Construction Workers
Table 4-6	Calculation of Mitigated Acute Hazard Indices for 8-Hour Peak VOC for the LAX Central Utility Plant for Onsite Construction Workers

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location	AMMONIUM IOI (µg/m^3)	ARSENIC (µg/m^3)	CADMIUM (µg/m^3)	CHLORINE (µg/m^3)	CHROMIUM VI (µg/m^3)	COPPER (µg/m^3)	LEAD (µg/m^3)	MANGANESE (µg/m^3)	MERCURY (µg/m^3)	NICKEL (µg/m^3)	SELENIUM (µg/m^3)	DIESEL PM (µg/m^3)
Residential												
Maximum Offsite Concentration-->	5.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Offsite Concentration-->	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Minimum Offsite Concentration-->	-5.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Commercial												
Maximum Offsite Concentration-->	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Offsite Concentration-->	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Minimum Offsite Concentration-->	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
School												
Maximum Offsite Concentration-->	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Offsite Concentration-->	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Minimum Offsite Concentration-->	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CalEPA Acute REL	3200	0.2	NA	210	NA	100	NA	NA	0.6	6	NA	NA
Residential												
Offsite Maximum Acute Hazard-->	1.61E-05	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Average Acute Hazard-->	5.33E-06	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Minimum Acute Hazard-->	-1.58E-05	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Commercial												
Offsite Maximum Acute Hazard-->	1.84E-04	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Average Acute Hazard-->	1.27E-05	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Minimum Acute Hazard-->	4.62E-07	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
School												
Offsite Maximum Acute Hazard-->	1.15E-05	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Average Acute Hazard-->	5.86E-06	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA
Offsite Minimum Acute Hazard-->	6.54E-07	0.00E+00	NA	0.00E+00	NA	0.00E+00	NA	NA	0.00E+00	0.00E+00	NA	NA

Receptor Number	X	Y	Receptor Type	AMMONIUM IOI (µg/m^3)	ARSENIC (µg/m^3)	CADMIUM (µg/m^3)	CHLORINE (µg/m^3)	CHROMIUM VI (µg/m^3)	COPPER (µg/m^3)	LEAD (µg/m^3)	MANGANESE (µg/m^3)	MERCURY (µg/m^3)	NICKEL (µg/m^3)	SELENIUM (µg/m^3)	DIESEL PM (µg/m^3)
29	370479	3756654	Commercial	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	370911	3758089	Commercial	2.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	370911	3757976	Commercial	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	370911	3757863	Commercial	1.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	370910	3757751	Commercial	3.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	370930	3757712	Commercial	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	370961	3757689	Commercial	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	371046	3757693	Commercial	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	371071	3757668	Commercial	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	371071	3757585	Commercial	4.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	371047	3757610	Commercial	3.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	371122	3757609	Commercial	3.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	371099	3757595	Commercial	4.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	371135	3757663	Commercial	2.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	371995	3757843	Commercial	9.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	371969	3757867	Commercial	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	372023	3757868	Commercial	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	372048	3757843	Commercial	9.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	372047	3757746	Commercial	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	372046	3757649	Commercial	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	372045	3757551	Commercial	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	372041	3757448	Commercial	1.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	372036	3757345	Commercial	7.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	372032	3757242	Commercial	9.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	372027	3757139	Commercial	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	372003	3757115	Commercial	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	371881	3757114	Commercial	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	371758	3757113	Commercial	8.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	371636	3757112	Commercial	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	371514	3757111	Commercial	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	371394	3757110	Commercial	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	371275	3757110	Commercial	6.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	371155	3757109	Commercial	8.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
187	371035	3757108	Commercial	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	371060	3757133	Commercial	9.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	371059	3757085	Commercial	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	371034	3757060	Commercial	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	370944	3757061	Commercial	1.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	370854	3757061	Commercial	1.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	370764	3757062	Commercial	1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	370789	3757086	Commercial	1.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	370786	3756996	Commercial	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	370782	3756907	Commercial	1.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	370779	3756817	Commercial	2.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	370755	3756843	Commercial	2.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	370847	3756839	Commercial	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	370940	3756836	Commercial	1.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	371032	3756832	Commercial	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	371056	3756809	Commercial	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	371058	3756782	Commercial	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	371034	3756805	Commercial	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	371146	3756803	Commercial	9.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	371259	3756800	Commercial	7.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	371371	3756798	Commercial	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	371484	3756795	Commercial	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	371595	3756793	Commercial	2.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	371706	3756791	Commercial	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	371818	3756788	Commercial	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	371932	3756786	Commercial	1.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	372046	3756783	Commercial	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	372161	3756780	Commercial	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	372275	3756778	Commercial	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	372385	3756776	Commercial	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	372494	3756773	Commercial	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	372604	3756771	Commercial	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	372714	3756768	Commercial	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	372738	3756742	Commercial	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	372733	3756647	Commercial	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	372820	3756574	Commercial	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	372844	3756548	Commercial	1.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	372839	3756454	Commercial	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	372821	3756363	Commercial	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	372796	3756343	Commercial	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	372731	3756328	Commercial	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	372707	3756352	Commercial	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	372928	3756344	Commercial	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	372952	3756319	Commercial	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	372951	3756245	Commercial	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	372927	3756270	Commercial	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	373033	3756268	Commercial	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	373139	3756266	Commercial	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	373245	3756264	Commercial	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	373351	3756262	Commercial	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	373457	3756261	Commercial	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	373482	3756235	Commercial	2.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	373480	3756123	Commercial	2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	373479	3756010	Commercial	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	373477	3755897	Commercial	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	373476	3755785	Commercial	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	373474	3755672	Commercial	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	373473	3755559	Commercial	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	373447	3755535	Commercial	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	373334	3755539	Commercial	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	373221	3755544	Commercial	2.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	373197	3755568	Commercial	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	373196	3755636	Commercial	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	373194	3755705	Commercial	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	373220	3755680	Commercial	2.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	373135	3755679	Commercial	2.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
253	373160	3755704	Commercial	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	373158	3755635	Commercial	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	373156	3755566	Commercial	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	373132	3755542	Commercial	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	373055	3755538	Commercial	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	373079	3755562	Commercial	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	373077	3755465	Commercial	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	373075	3755368	Commercial	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	373073	3755271	Commercial	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	373071	3755174	Commercial	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	373046	3755149	Commercial	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	372939	3755150	Commercial	2.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	372832	3755151	Commercial	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	372725	3755152	Commercial	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	372623	3755157	Commercial	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	372527	3755158	Commercial	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	372431	3755159	Commercial	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	372334	3755160	Commercial	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	372237	3755161	Commercial	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	372139	3755161	Commercial	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	372040	3755162	Commercial	9.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	371941	3755163	Commercial	7.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	371843	3755164	Commercial	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	371748	3755165	Commercial	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	371653	3755165	Commercial	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	371558	3755166	Commercial	9.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	371463	3755167	Commercial	7.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	371359	3755168	Commercial	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	371256	3755169	Commercial	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	371152	3755170	Commercial	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	371049	3755171	Commercial	8.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	371024	3755197	Commercial	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	371028	3755273	Commercial	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	371031	3755350	Commercial	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	371020	3755376	Commercial	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	371018	3755470	Commercial	3.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	371017	3755556	Commercial	3.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	371040	3755532	Commercial	3.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	371026	3755420	Commercial	2.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	371016	3755399	Commercial	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	370916	3755327	Commercial	4.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	370816	3755255	Commercial	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	370885	3757751	Commercial	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	370907	3757702	Commercial	4.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	370945	3757670	Commercial	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	371046	3757668	Commercial	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	371046	3757585	Commercial	4.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	371122	3757584	Commercial	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	371970	3757842	Commercial	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	372023	3757843	Commercial	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	372020	3757552	Commercial	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	372002	3757140	Commercial	1.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	371514	3757136	Commercial	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	371035	3757133	Commercial	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	371034	3757085	Commercial	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	370764	3757087	Commercial	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	370754	3756818	Commercial	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	371031	3756807	Commercial	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	371033	3756780	Commercial	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	371483	3756770	Commercial	4.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	371817	3756763	Commercial	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	372274	3756753	Commercial	1.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	372713	3756743	Commercial	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	372703	3756553	Commercial	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	372819	3756549	Commercial	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	372814	3756455	Commercial	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
417	372797	3756368	Commercial	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	372705	3756372	Commercial	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	372706	3756327	Commercial	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	372927	3756319	Commercial	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	372926	3756245	Commercial	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	373457	3756236	Commercial	2.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	373448	3755560	Commercial	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	373222	3755569	Commercial	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	373219	3755705	Commercial	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	373135	3755704	Commercial	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	373131	3755567	Commercial	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	373054	3755563	Commercial	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	373046	3755174	Commercial	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	372725	3755177	Commercial	2.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	372624	3755182	Commercial	2.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	372238	3755186	Commercial	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	371843	3755189	Commercial	6.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	371463	3755192	Commercial	8.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	371049	3755196	Commercial	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	371056	3755349	Commercial	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	371043	3755384	Commercial	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	371042	3755556	Commercial	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	370996	3755560	Commercial	4.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	371001	3755419	Commercial	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	370801	3755276	Commercial	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	372249	3757612	Residence	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	372499	3757612	Residence	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	372249	3757862	Residence	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	372499	3757862	Residence	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	372249	3758112	Residence	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	372499	3758112	Residence	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	372249	3758362	Residence	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	372499	3758362	Residence	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	373793	3755335	Residence	2.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	374093	3755335	Residence	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	373793	3755710	Residence	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	374093	3755710	Residence	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	373793	3756085	Residence	2.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	374093	3756085	Residence	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	373793	3756460	Residence	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	374093	3756460	Residence	2.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	373793	3756835	Residence	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	374093	3756835	Residence	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	373793	3757210	Residence	2.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	374093	3757210	Residence	2.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	373793	3757585	Residence	2.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	374093	3757585	Residence	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	373793	3757960	Residence	2.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	374093	3757960	Residence	2.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	373793	3758335	Residence	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	374093	3758335	Residence	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	373793	3758710	Residence	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	374093	3758710	Residence	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	367278	3755614	Residence	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	367231	3755722	Residence	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	367185	3755830	Residence	2.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	367138	3755938	Residence	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	367091	3756047	Residence	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	367048	3756147	Residence	2.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	367005	3756247	Residence	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	366962	3756348	Residence	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	366918	3756450	Residence	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	366874	3756551	Residence	2.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	366830	3756653	Residence	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	366840	3756685	Residence	2.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	366890	3756714	Residence	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
43	366879	3756683	Residence	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	366852	3756751	Residence	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	366884	3756737	Residence	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	366821	3756715	Residence	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	366790	3756728	Residence	2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	366745	3756823	Residence	2.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	366700	3756919	Residence	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	366655	3757014	Residence	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	366608	3757113	Residence	2.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	366561	3757212	Residence	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	366514	3757311	Residence	2.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	366464	3757416	Residence	2.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	366415	3757520	Residence	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	366434	3757556	Residence	2.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	366484	3757562	Residence	2.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	366567	3757525	Residence	2.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	366621	3757539	Residence	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	366646	3757556	Residence	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	366713	3757550	Residence	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	366779	3757545	Residence	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	366839	3757583	Residence	2.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	366913	3757623	Residence	2.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	366986	3757664	Residence	2.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	367074	3757713	Residence	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	367162	3757761	Residence	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	367300	3757718	Residence	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	367385	3757734	Residence	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	367398	3757758	Residence	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	367506	3757818	Residence	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	367533	3757826	Residence	2.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	367561	3757814	Residence	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	367786	3757842	Residence	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	367782	3757935	Residence	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	367752	3757969	Residence	2.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	367775	3758021	Residence	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	367808	3758034	Residence	2.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	367866	3758009	Residence	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	367924	3757985	Residence	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	367938	3757954	Residence	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	367928	3757923	Residence	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	367915	3757953	Residence	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	368017	3757908	Residence	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	368119	3757863	Residence	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	368180	3757839	Residence	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	368242	3757814	Residence	8.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	368318	3757785	Residence	6.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	368407	3757788	Residence	8.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	368505	3757789	Residence	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	368603	3757790	Residence	-2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	368628	3757765	Residence	-1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	368676	3757781	Residence	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	368759	3757821	Residence	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	368839	3757872	Residence	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	368921	3757924	Residence	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	369004	3757976	Residence	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	369038	3757969	Residence	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	369101	3757878	Residence	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	369067	3757885	Residence	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	369139	3757930	Residence	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	369211	3757974	Residence	7.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	369243	3757968	Residence	8.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	369305	3757894	Residence	8.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	369366	3757820	Residence	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	369436	3757794	Residence	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	369435	3757760	Residence	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	369251	3758017	Residence	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
113	369344	3758083	Residence	7.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	369437	3758148	Residence	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	369429	3758218	Residence	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	369432	3758306	Residence	2.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	369435	3758395	Residence	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	369460	3758419	Residence	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	369558	3758419	Residence	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	369657	3758419	Residence	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	369755	3758419	Residence	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	369853	3758419	Residence	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	369878	3758394	Residence	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	369877	3758289	Residence	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	369876	3758183	Residence	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	369962	3758103	Residence	2.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	370075	3758103	Residence	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	370187	3758103	Residence	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	370299	3758103	Residence	1.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	370506	3758113	Residence	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	370601	3758113	Residence	1.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	370696	3758114	Residence	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	370791	3758114	Residence	3.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	370886	3758114	Residence	3.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	371170	3757732	Residence	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	371240	3757783	Residence	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	371264	3757808	Residence	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	371372	3757807	Residence	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	371385	3757827	Residence	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	371485	3757895	Residence	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	371585	3757964	Residence	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	371684	3758032	Residence	2.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	371784	3758101	Residence	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	371818	3758095	Residence	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	371873	3758022	Residence	9.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	371928	3757949	Residence	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	371969	3757946	Residence	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	371989	3757924	Residence	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	370737	3755244	Residence	2.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	370669	3755237	Residence	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	370571	3755237	Residence	4.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	370476	3755238	Residence	3.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	370380	3755238	Residence	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	370279	3755239	Residence	3.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	370177	3755240	Residence	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	370076	3755240	Residence	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	369979	3755241	Residence	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	369883	3755241	Residence	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	369690	3755242	Residence	-8.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	369594	3755243	Residence	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	369498	3755243	Residence	-4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	369396	3755244	Residence	-2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	369295	3755244	Residence	-2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	369193	3755245	Residence	-3.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	369092	3755245	Residence	-5.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	368991	3755246	Residence	-3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	368889	3755247	Residence	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	368782	3755247	Residence	6.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	368676	3755248	Residence	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	368569	3755248	Residence	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	368471	3755249	Residence	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	368373	3755249	Residence	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	368275	3755250	Residence	6.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	368167	3755230	Residence	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	368054	3755209	Residence	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	367941	3755189	Residence	2.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	367824	3755185	Residence	2.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	367711	3755181	Residence	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
326	367598	3755178	Residence	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	367484	3755174	Residence	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	367461	3755189	Residence	2.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	367415	3755295	Residence	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	367369	3755401	Residence	2.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	367324	3755507	Residence	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	367484	3755199	Residence	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	367301	3755623	Residence	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	367114	3756056	Residence	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	366985	3756358	Residence	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	366853	3756663	Residence	2.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	366902	3756692	Residence	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	366876	3756760	Residence	2.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	366813	3756739	Residence	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	366677	3757025	Residence	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	366536	3757322	Residence	2.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	366437	3757531	Residence	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	366487	3757537	Residence	2.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	366624	3757468	Residence	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	366644	3757531	Residence	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	366777	3757520	Residence	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	366999	3757642	Residence	2.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	367174	3757740	Residence	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	367291	3757694	Residence	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	367413	3757695	Residence	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	367410	3757736	Residence	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	367518	3757796	Residence	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	367539	3757802	Residence	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	367609	3757677	Residence	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	367769	3757644	Residence	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	367775	3757719	Residence	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	367809	3757835	Residence	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	367807	3757936	Residence	2.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	367775	3757959	Residence	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	367798	3758011	Residence	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	367914	3757962	Residence	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	367905	3757930	Residence	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	368109	3757840	Residence	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	368233	3757790	Residence	7.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	368309	3757762	Residence	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	368603	3757765	Residence	-8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	368604	3757719	Residence	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	368770	3757799	Residence	8.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	369017	3757954	Residence	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	369080	3757864	Residence	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	369224	3757952	Residence	7.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	369409	3757730	Residence	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	369454	3757776	Residence	6.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	369265	3757997	Residence	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	369452	3758128	Residence	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	369460	3758394	Residence	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	369853	3758394	Residence	2.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	369850	3758078	Residence	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	370886	3758089	Residence	3.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	371193	3757720	Residence	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	371254	3757762	Residence	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	371264	3757783	Residence	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	371372	3757782	Residence	1.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	371399	3757806	Residence	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	371798	3758080	Residence	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	371908	3757934	Residence	9.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	371964	3757922	Residence	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	370667	3755262	Residence	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	370380	3755263	Residence	5.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	370076	3755265	Residence	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	369498	3755268	Residence	-1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1A
Summary of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location				AMMONIUM IOI	ARSENIC	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	DIESEL PM
447	369194	3755270	Residence	-3.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	368889	3755272	Residence	7.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	368569	3755273	Residence	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	368275	3755275	Residence	6.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	367936	3755213	Residence	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	370324	3758078	School	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	370324	3758078	School	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	370324	3758078	School	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	370324	3758078	School	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	370324	3758078	School	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	370381	3757991	School	3.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	370435	3758019	School	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	370499	3758050	School	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	370485	3758025	School	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	370481	3758086	School	8.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	369787	3755242	School	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	370299	3758078	School	2.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	370298	3757963	School	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	370382	3757966	School	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	370510	3758027	School	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	370506	3758088	School	7.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	369787	3755267	School	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
29	370479	3756654	Commercial	5.88E-01	1.84E-04	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
141	370911	3758089	Commercial	2.70E-02	8.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
142	370911	3757976	Commercial	2.28E-02	7.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
143	370911	3757863	Commercial	1.29E-02	4.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
144	370910	3757751	Commercial	3.62E-02	1.13E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
145	370930	3757712	Commercial	4.63E-02	1.45E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
146	370961	3757689	Commercial	5.21E-02	1.63E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
147	371046	3757693	Commercial	2.31E-02	7.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
148	371071	3757668	Commercial	2.24E-02	7.00E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
149	371071	3757585	Commercial	4.50E-02	1.41E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
150	371047	3757610	Commercial	3.79E-02	1.19E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
151	371122	3757609	Commercial	3.97E-02	1.24E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
152	371099	3757595	Commercial	4.28E-02	1.34E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
153	371135	3757663	Commercial	2.78E-02	8.68E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
168	371995	3757843	Commercial	9.83E-03	3.07E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
169	371969	3757867	Commercial	1.01E-02	3.16E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
170	372023	3757868	Commercial	1.00E-02	3.14E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
171	372048	3757843	Commercial	9.33E-03	2.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
172	372047	3757746	Commercial	1.08E-02	3.37E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
173	372046	3757649	Commercial	1.01E-02	3.16E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
174	372045	3757551	Commercial	1.20E-02	3.74E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
175	372041	3757448	Commercial	1.55E-02	4.85E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
176	372036	3757345	Commercial	7.45E-03	2.33E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
177	372032	3757242	Commercial	9.03E-03	2.82E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
178	372027	3757139	Commercial	1.51E-02	4.72E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
179	372003	3757115	Commercial	1.80E-02	5.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
180	371881	3757114	Commercial	1.05E-02	3.28E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
181	371758	3757113	Commercial	8.97E-03	2.80E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
182	371636	3757112	Commercial	1.45E-02	4.53E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
183	371514	3757111	Commercial	2.47E-02	7.71E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
184	371394	3757110	Commercial	4.22E-02	1.32E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
185	371275	3757110	Commercial	6.54E-02	2.04E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
186	371155	3757109	Commercial	8.89E-02	2.78E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
187	371035	3757108	Commercial	1.05E-01	3.28E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
188	371060	3757133	Commercial	9.88E-02	3.09E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
189	371059	3757085	Commercial	1.07E-01	3.33E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
190	371034	3757060	Commercial	1.15E-01	3.59E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
191	370944	3757061	Commercial	1.42E-01	4.43E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
192	370854	3757061	Commercial	1.64E-01	5.13E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
193	370764	3757062	Commercial	1.98E-01	6.20E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
194	370789	3757086	Commercial	1.86E-01	5.82E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
195	370786	3756996	Commercial	1.88E-01	5.88E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
196	370782	3756907	Commercial	1.91E-01	5.98E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
197	370779	3756817	Commercial	2.05E-01	6.42E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
198	370755	3756843	Commercial	2.31E-01	7.22E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
199	370847	3756839	Commercial	1.45E-01	4.54E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
200	370940	3756836	Commercial	1.24E-01	3.88E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
201	371032	3756832	Commercial	1.14E-01	3.56E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
202	371056	3756809	Commercial	1.15E-01	3.58E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
203	371058	3756782	Commercial	1.19E-01	3.71E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
204	371034	3756805	Commercial	1.15E-01	3.61E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
205	371146	3756803	Commercial	9.95E-02	3.11E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
206	371259	3756800	Commercial	7.77E-02	2.43E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
207	371371	3756798	Commercial	5.94E-02	1.85E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
208	371484	3756795	Commercial	4.31E-02	1.35E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
209	371595	3756793	Commercial	2.98E-02	9.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
210	371706	3756791	Commercial	1.99E-02	6.22E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
211	371818	3756788	Commercial	1.80E-02	5.62E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
212	371932	3756786	Commercial	1.79E-02	5.60E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
213	372046	3756783	Commercial	1.74E-02	5.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
214	372161	3756780	Commercial	1.73E-02	5.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
215	372275	3756778	Commercial	1.70E-02	5.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
216	372385	3756776	Commercial	1.66E-02	5.18E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
217	372494	3756773	Commercial	1.60E-02	4.99E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
218	372604	3756771	Commercial	1.53E-02	4.79E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
219	372714	3756768	Commercial	1.47E-02	4.58E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
220	372738	3756742	Commercial	1.32E-02	4.14E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
221	372733	3756647	Commercial	1.62E-02	5.06E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
222	372820	3756574	Commercial	1.81E-02	5.66E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
223	372844	3756548	Commercial	1.79E-02	5.58E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
224	372839	3756454	Commercial	1.15E-02	3.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
225	372821	3756363	Commercial	1.10E-02	3.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
226	372796	3756343	Commercial	1.09E-02	3.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
227	372731	3756328	Commercial	1.09E-02	3.40E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
228	372707	3756352	Commercial	1.10E-02	3.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
229	372928	3756344	Commercial	1.17E-02	3.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
230	372952	3756319	Commercial	1.39E-02	4.34E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
231	372951	3756245	Commercial	1.75E-02	5.46E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
232	372927	3756270	Commercial	1.59E-02	4.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
233	373033	3756268	Commercial	1.82E-02	5.68E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
234	373139	3756266	Commercial	1.99E-02	6.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
235	373245	3756264	Commercial	2.14E-02	6.68E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
236	373351	3756262	Commercial	2.25E-02	7.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
237	373457	3756261	Commercial	2.31E-02	7.22E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
238	373482	3756235	Commercial	2.40E-02	7.50E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
239	373480	3756123	Commercial	2.56E-02	8.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
240	373479	3756010	Commercial	2.48E-02	7.76E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
241	373477	3755897	Commercial	2.18E-02	6.82E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
242	373476	3755785	Commercial	1.42E-02	4.44E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
243	373474	3755672	Commercial	1.60E-02	5.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
244	373473	3755559	Commercial	2.48E-02	7.75E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
245	373447	3755535	Commercial	2.55E-02	7.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
246	373334	3755539	Commercial	2.59E-02	8.09E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
247	373221	3755544	Commercial	2.60E-02	8.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
248	373197	3755568	Commercial	2.58E-02	8.05E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
249	373196	3755636	Commercial	2.34E-02	7.33E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
250	373194	3755705	Commercial	1.87E-02	5.83E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
251	373220	3755680	Commercial	2.03E-02	6.36E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
252	373135	3755679	Commercial	2.12E-02	6.62E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
253	373160	3755704	Commercial	1.93E-02	6.02E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
254	373158	3755635	Commercial	2.37E-02	7.42E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
255	373156	3755566	Commercial	2.57E-02	8.05E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
256	373132	3755542	Commercial	2.57E-02	8.04E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
257	373055	3755538	Commercial	2.52E-02	7.88E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
258	373079	3755562	Commercial	2.55E-02	7.97E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
259	373077	3755465	Commercial	2.52E-02	7.88E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
260	373075	3755368	Commercial	2.35E-02	7.34E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
261	373073	3755271	Commercial	2.02E-02	6.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
262	373071	3755174	Commercial	2.32E-02	7.24E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
263	373046	3755149	Commercial	2.38E-02	7.44E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
264	372939	3755150	Commercial	2.04E-02	6.38E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
265	372832	3755151	Commercial	2.00E-02	6.25E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
266	372725	3755152	Commercial	2.13E-02	6.66E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
267	372623	3755157	Commercial	2.23E-02	6.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
268	372527	3755158	Commercial	1.95E-02	6.09E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
269	372431	3755159	Commercial	1.07E-02	3.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
270	372334	3755160	Commercial	1.08E-02	3.39E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
271	372237	3755161	Commercial	1.22E-02	3.81E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
272	372139	3755161	Commercial	1.18E-02	3.69E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
273	372040	3755162	Commercial	9.55E-03	2.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
274	371941	3755163	Commercial	7.83E-03	2.45E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
275	371843	3755164	Commercial	5.95E-03	1.86E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
276	371748	3755165	Commercial	1.04E-02	3.24E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
277	371653	3755165	Commercial	1.01E-02	3.16E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
278	371558	3755166	Commercial	9.35E-03	2.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
279	371463	3755167	Commercial	7.37E-03	2.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
280	371359	3755168	Commercial	1.48E-03	4.62E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
281	371256	3755169	Commercial	1.89E-02	5.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
282	371152	3755170	Commercial	1.39E-02	4.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
283	371049	3755171	Commercial	8.19E-03	2.56E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
284	371024	3755197	Commercial	8.67E-03	2.71E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
285	371028	3755273	Commercial	1.02E-02	3.18E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
286	371031	3755350	Commercial	1.47E-02	4.59E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
287	371020	3755376	Commercial	1.61E-02	5.02E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
288	371018	3755470	Commercial	3.03E-02	9.46E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
289	371017	3755556	Commercial	3.70E-02	1.16E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
290	371040	3755532	Commercial	3.05E-02	9.54E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
291	371026	3755420	Commercial	2.26E-02	7.07E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
292	371016	3755399	Commercial	1.90E-02	5.95E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
293	370916	3755327	Commercial	4.56E-03	1.42E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
294	370816	3755255	Commercial	1.32E-02	4.12E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
385	370885	3757751	Commercial	3.54E-02	1.11E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
386	370907	3757702	Commercial	4.87E-02	1.52E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
387	370945	3757670	Commercial	5.74E-02	1.79E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
388	371046	3757668	Commercial	2.20E-02	6.86E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
389	371046	3757585	Commercial	4.46E-02	1.39E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
390	371122	3757584	Commercial	4.58E-02	1.43E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
399	371970	3757842	Commercial	1.02E-02	3.18E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
400	372023	3757843	Commercial	9.38E-03	2.93E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
401	372020	3757552	Commercial	1.17E-02	3.64E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
402	372002	3757140	Commercial	1.34E-02	4.19E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
403	371514	3757136	Commercial	2.53E-02	7.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
404	371035	3757133	Commercial	1.04E-01	3.26E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
405	371034	3757085	Commercial	1.07E-01	3.35E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
406	370764	3757087	Commercial	2.07E-01	6.48E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
407	370754	3756818	Commercial	2.19E-01	6.84E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
408	371031	3756807	Commercial	1.15E-01	3.60E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
409	371033	3756780	Commercial	1.19E-01	3.72E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
410	371483	3756770	Commercial	4.43E-02	1.39E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
411	371817	3756763	Commercial	1.58E-02	4.93E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
412	372274	3756753	Commercial	1.50E-02	4.69E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
413	372713	3756743	Commercial	1.31E-02	4.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
414	372703	3756553	Commercial	1.32E-02	4.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
415	372819	3756549	Commercial	1.71E-02	5.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
416	372814	3756455	Commercial	1.08E-02	3.36E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
417	372797	3756368	Commercial	1.10E-02	3.44E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
418	372705	3756372	Commercial	1.10E-02	3.45E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
419	372706	3756327	Commercial	1.09E-02	3.40E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
420	372927	3756319	Commercial	1.33E-02	4.17E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
421	372926	3756245	Commercial	1.69E-02	5.28E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
422	373457	3756236	Commercial	2.40E-02	7.49E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
423	373448	3755560	Commercial	2.50E-02	7.80E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
424	373222	3755569	Commercial	2.57E-02	8.04E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
425	373219	3755705	Commercial	1.81E-02	5.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
426	373135	3755704	Commercial	1.94E-02	6.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
427	373131	3755567	Commercial	2.57E-02	8.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
428	373054	3755563	Commercial	2.53E-02	7.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
429	373046	3755174	Commercial	2.34E-02	7.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
430	372725	3755177	Commercial	2.10E-02	6.57E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
431	372624	3755182	Commercial	2.21E-02	6.91E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
432	372238	3755186	Commercial	1.08E-02	3.38E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
433	371843	3755189	Commercial	6.33E-03	1.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
434	371463	3755192	Commercial	8.61E-03	2.69E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
435	371049	3755196	Commercial	8.44E-03	2.64E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
436	371056	3755349	Commercial	1.67E-02	5.21E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
437	371043	3755384	Commercial	1.82E-02	5.70E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
438	371042	3755556	Commercial	2.53E-02	7.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
439	370996	3755560	Commercial	4.43E-02	1.38E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
440	371001	3755419	Commercial	2.13E-02	6.66E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
441	370801	3755276	Commercial	1.44E-02	4.50E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
1	372249	3757612	Residence	1.28E-02	3.99E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
2	372499	3757612	Residence	1.15E-02	3.60E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
3	372249	3757862	Residence	1.09E-02	3.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
4	372499	3757862	Residence	1.45E-02	4.54E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
5	372249	3758112	Residence	1.38E-02	4.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
6	372499	3758112	Residence	1.71E-02	5.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
7	372249	3758362	Residence	1.03E-02	3.20E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
8	372499	3758362	Residence	2.15E-02	6.73E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
9	373793	3755335	Residence	2.63E-02	8.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
10	374093	3755335	Residence	2.46E-02	7.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
11	373793	3755710	Residence	1.73E-02	5.39E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
12	374093	3755710	Residence	2.14E-02	6.68E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
13	373793	3756085	Residence	2.62E-02	8.19E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
14	374093	3756085	Residence	2.58E-02	8.07E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
15	373793	3756460	Residence	2.49E-02	7.77E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
16	374093	3756460	Residence	2.51E-02	7.84E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
17	373793	3756835	Residence	2.47E-02	7.72E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
18	374093	3756835	Residence	2.50E-02	7.81E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
19	373793	3757210	Residence	2.71E-02	8.47E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
20	374093	3757210	Residence	2.64E-02	8.26E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
21	373793	3757585	Residence	2.51E-02	7.84E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
22	374093	3757585	Residence	2.35E-02	7.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
23	373793	3757960	Residence	2.63E-02	8.21E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
24	374093	3757960	Residence	2.64E-02	8.26E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
25	373793	3758335	Residence	2.23E-02	6.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
26	374093	3758335	Residence	1.99E-02	6.22E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
27	373793	3758710	Residence	2.57E-02	8.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
28	374093	3758710	Residence	2.57E-02	8.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
30	367278	3755614	Residence	2.24E-02	7.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
31	367231	3755722	Residence	2.02E-02	6.32E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
32	367185	3755830	Residence	2.07E-02	6.46E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
33	367138	3755938	Residence	2.35E-02	7.35E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
34	367091	3756047	Residence	2.48E-02	7.74E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
35	367048	3756147	Residence	2.42E-02	7.57E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
36	367005	3756247	Residence	2.25E-02	7.04E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
37	366962	3756348	Residence	2.31E-02	7.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
38	366918	3756450	Residence	2.38E-02	7.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
39	366874	3756551	Residence	2.43E-02	7.60E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
40	366830	3756653	Residence	2.61E-02	8.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
41	366840	3756685	Residence	2.60E-02	8.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
42	366890	3756714	Residence	2.57E-02	8.03E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
43	366879	3756683	Residence	2.59E-02	8.10E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
44	366852	3756751	Residence	2.35E-02	7.36E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
45	366884	3756737	Residence	2.48E-02	7.76E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
46	366821	3756715	Residence	2.58E-02	8.05E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
47	366790	3756728	Residence	2.56E-02	8.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
48	366745	3756823	Residence	2.33E-02	7.28E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
49	366700	3756919	Residence	2.38E-02	7.45E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
50	366655	3757014	Residence	2.29E-02	7.16E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
51	366608	3757113	Residence	2.33E-02	7.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
52	366561	3757212	Residence	2.34E-02	7.33E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
53	366514	3757311	Residence	2.42E-02	7.57E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
54	366464	3757416	Residence	2.40E-02	7.52E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
55	366415	3757520	Residence	2.37E-02	7.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
56	366434	3757556	Residence	2.39E-02	7.47E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
57	366484	3757562	Residence	2.39E-02	7.46E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
58	366567	3757525	Residence	2.40E-02	7.50E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
59	366621	3757539	Residence	2.37E-02	7.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
60	366646	3757556	Residence	2.35E-02	7.34E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
61	366713	3757550	Residence	2.36E-02	7.38E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
62	366779	3757545	Residence	2.37E-02	7.41E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
63	366839	3757583	Residence	2.41E-02	7.53E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
64	366913	3757623	Residence	2.33E-02	7.29E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
65	366986	3757664	Residence	2.44E-02	7.63E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
66	367074	3757713	Residence	2.50E-02	7.80E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
67	367162	3757761	Residence	2.53E-02	7.90E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
68	367300	3757718	Residence	2.50E-02	7.82E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
69	367385	3757734	Residence	2.52E-02	7.87E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
70	367398	3757758	Residence	2.52E-02	7.87E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
71	367506	3757818	Residence	2.29E-02	7.16E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
72	367533	3757826	Residence	2.30E-02	7.20E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
73	367561	3757814	Residence	2.29E-02	7.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
78	367786	3757842	Residence	1.76E-02	5.50E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
79	367782	3757935	Residence	2.13E-02	6.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
80	367752	3757969	Residence	2.21E-02	6.90E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
81	367775	3758021	Residence	2.25E-02	7.05E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
82	367808	3758034	Residence	2.16E-02	6.76E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
83	367866	3758009	Residence	2.02E-02	6.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
84	367924	3757985	Residence	1.87E-02	5.84E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
85	367938	3757954	Residence	1.83E-02	5.73E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
86	367928	3757923	Residence	1.86E-02	5.81E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
87	367915	3757953	Residence	1.90E-02	5.95E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
88	368017	3757908	Residence	1.59E-02	4.97E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
89	368119	3757863	Residence	1.22E-02	3.81E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
90	368180	3757839	Residence	1.03E-02	3.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
91	368242	3757814	Residence	8.55E-03	2.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
92	368318	3757785	Residence	6.65E-03	2.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
93	368407	3757788	Residence	8.34E-03	2.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
94	368505	3757789	Residence	3.02E-03	9.43E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
95	368603	3757790	Residence	-2.86E-04	-8.93E-08	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
96	368628	3757765	Residence	-1.46E-03	-4.57E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
97	368676	3757781	Residence	2.79E-03	8.72E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
98	368759	3757821	Residence	8.73E-03	2.73E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
99	368839	3757872	Residence	1.03E-02	3.22E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
100	368921	3757924	Residence	5.60E-03	1.75E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
101	369004	3757976	Residence	7.56E-04	2.36E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
102	369038	3757969	Residence	1.48E-04	4.61E-08	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
103	369101	3757878	Residence	6.37E-04	1.99E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
104	369067	3757885	Residence	1.27E-03	3.98E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
105	369139	3757930	Residence	2.18E-03	6.82E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
106	369211	3757974	Residence	7.55E-03	2.36E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
107	369243	3757968	Residence	8.19E-03	2.56E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
108	369305	3757894	Residence	8.59E-03	2.68E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
109	369366	3757820	Residence	1.06E-02	3.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
110	369436	3757794	Residence	5.16E-03	1.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
111	369435	3757760	Residence	1.47E-02	4.60E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
112	369251	3758017	Residence	6.54E-03	2.04E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
113	369344	3758083	Residence	7.50E-03	2.34E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
114	369437	3758148	Residence	1.92E-02	5.99E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
115	369429	3758218	Residence	1.87E-02	5.84E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
116	369432	3758306	Residence	2.04E-02	6.39E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
117	369435	3758395	Residence	2.17E-02	6.79E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
118	369460	3758419	Residence	2.06E-02	6.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
119	369558	3758419	Residence	1.96E-02	6.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
120	369657	3758419	Residence	1.90E-02	5.95E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
121	369755	3758419	Residence	1.75E-02	5.47E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
122	369853	3758419	Residence	2.22E-02	6.93E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
123	369878	3758394	Residence	2.31E-02	7.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
124	369877	3758289	Residence	2.31E-02	7.22E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
125	369876	3758183	Residence	2.32E-02	7.26E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
126	369962	3758103	Residence	2.45E-02	7.67E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
127	370075	3758103	Residence	1.64E-02	5.12E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
128	370187	3758103	Residence	1.31E-02	4.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
129	370299	3758103	Residence	1.97E-02	6.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
136	370506	3758113	Residence	4.16E-03	1.30E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
137	370601	3758113	Residence	1.55E-02	4.83E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
138	370696	3758114	Residence	1.88E-02	5.89E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
139	370791	3758114	Residence	3.01E-02	9.42E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
140	370886	3758114	Residence	3.08E-02	9.62E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
154	371170	3757732	Residence	1.63E-02	5.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
155	371240	3757783	Residence	1.06E-02	3.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
156	371264	3757808	Residence	8.70E-03	2.72E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
157	371372	3757807	Residence	1.65E-02	5.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
158	371385	3757827	Residence	1.63E-02	5.09E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
159	371485	3757895	Residence	1.93E-02	6.02E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
160	371585	3757964	Residence	2.28E-02	7.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
161	371684	3758032	Residence	2.10E-02	6.55E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
162	371784	3758101	Residence	1.91E-02	5.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
163	371818	3758095	Residence	1.65E-02	5.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
164	371873	3758022	Residence	9.43E-03	2.95E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
165	371928	3757949	Residence	1.00E-02	3.12E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
166	371969	3757946	Residence	1.00E-02	3.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
167	371989	3757924	Residence	1.01E-02	3.15E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
295	370737	3755244	Residence	2.16E-02	6.75E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
296	370669	3755237	Residence	3.52E-02	1.10E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
297	370571	3755237	Residence	4.09E-02	1.28E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
298	370476	3755238	Residence	3.19E-02	9.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
299	370380	3755238	Residence	4.95E-02	1.55E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
300	370279	3755239	Residence	3.23E-02	1.01E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
301	370177	3755240	Residence	1.64E-02	5.12E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
302	370076	3755240	Residence	3.14E-02	9.82E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
303	369979	3755241	Residence	1.02E-02	3.19E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
304	369883	3755241	Residence	1.36E-02	4.25E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
306	369690	3755242	Residence	-8.09E-03	-2.53E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
307	369594	3755243	Residence	7.16E-03	2.24E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
308	369498	3755243	Residence	-4.66E-04	-1.46E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
309	369396	3755244	Residence	-2.95E-02	-9.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
310	369295	3755244	Residence	-2.56E-02	-8.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
311	369193	3755245	Residence	-3.19E-02	-9.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
312	369092	3755245	Residence	-5.06E-02	-1.58E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
313	368991	3755246	Residence	-3.93E-02	-1.23E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
314	368889	3755247	Residence	3.45E-05	1.08E-08	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
315	368782	3755247	Residence	6.26E-03	1.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
316	368676	3755248	Residence	2.30E-03	7.20E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
317	368569	3755248	Residence	2.47E-03	7.71E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
318	368471	3755249	Residence	4.19E-03	1.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
319	368373	3755249	Residence	3.51E-03	1.10E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
320	368275	3755250	Residence	6.13E-03	1.91E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
321	368167	3755230	Residence	1.07E-02	3.36E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
322	368054	3755209	Residence	1.85E-02	5.79E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
323	367941	3755189	Residence	2.21E-02	6.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
324	367824	3755185	Residence	2.41E-02	7.52E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
325	367711	3755181	Residence	2.37E-02	7.42E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
326	367598	3755178	Residence	2.29E-02	7.17E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
327	367484	3755174	Residence	2.36E-02	7.37E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
328	367461	3755189	Residence	2.37E-02	7.40E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
329	367415	3755295	Residence	2.24E-02	7.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
330	367369	3755401	Residence	2.44E-02	7.62E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
331	367324	3755507	Residence	2.35E-02	7.34E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
332	367484	3755199	Residence	2.36E-02	7.37E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
333	367301	3755623	Residence	2.23E-02	6.96E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
334	367114	3756056	Residence	2.47E-02	7.73E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
335	366985	3756358	Residence	2.28E-02	7.14E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
336	366853	3756663	Residence	2.60E-02	8.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
337	366902	3756692	Residence	2.58E-02	8.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
338	366876	3756760	Residence	2.26E-02	7.06E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
339	366813	3756739	Residence	2.49E-02	7.79E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
340	366677	3757025	Residence	2.23E-02	6.98E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
341	366536	3757322	Residence	2.43E-02	7.59E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
342	366437	3757531	Residence	2.38E-02	7.44E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
343	366487	3757537	Residence	2.39E-02	7.48E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
344	366624	3757468	Residence	2.38E-02	7.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
345	366644	3757531	Residence	2.38E-02	7.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
346	366777	3757520	Residence	2.34E-02	7.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
347	366999	3757642	Residence	2.41E-02	7.54E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
348	367174	3757740	Residence	2.50E-02	7.81E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
349	367291	3757694	Residence	2.46E-02	7.70E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
350	367413	3757695	Residence	2.48E-02	7.76E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
351	367410	3757736	Residence	2.52E-02	7.87E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
352	367518	3757796	Residence	2.25E-02	7.04E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
353	367539	3757802	Residence	2.27E-02	7.09E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
354	367609	3757677	Residence	2.36E-02	7.38E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
355	367769	3757644	Residence	1.80E-02	5.64E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
356	367775	3757719	Residence	1.96E-02	6.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
357	367809	3757835	Residence	1.72E-02	5.38E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
358	367807	3757936	Residence	2.11E-02	6.59E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
359	367775	3757959	Residence	2.19E-02	6.85E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
360	367798	3758011	Residence	2.20E-02	6.88E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
361	367914	3757962	Residence	1.90E-02	5.95E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
362	367905	3757930	Residence	1.92E-02	6.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
363	368109	3757840	Residence	1.26E-02	3.92E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
364	368233	3757790	Residence	7.27E-03	2.27E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
365	368309	3757762	Residence	5.05E-03	1.58E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
366	368603	3757765	Residence	-8.25E-04	-2.58E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
367	368604	3757719	Residence	2.80E-03	8.74E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
368	368770	3757799	Residence	8.49E-03	2.65E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
369	369017	3757954	Residence	8.87E-04	2.77E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
370	369080	3757864	Residence	1.51E-03	4.72E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
371	369224	3757952	Residence	7.38E-03	2.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
372	369409	3757730	Residence	1.67E-02	5.23E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
373	369454	3757776	Residence	6.74E-03	2.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
374	369265	3757997	Residence	6.42E-03	2.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
375	369452	3758128	Residence	1.92E-02	6.01E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
376	369460	3758394	Residence	2.13E-02	6.66E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
377	369853	3758394	Residence	2.21E-02	6.91E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
378	369850	3758078	Residence	2.53E-02	7.91E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
384	370886	3758089	Residence	3.08E-02	9.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
391	371193	3757720	Residence	1.86E-02	5.82E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
392	371254	3757762	Residence	1.39E-02	4.33E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
393	371264	3757783	Residence	1.13E-02	3.54E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
394	371372	3757782	Residence	1.84E-02	5.75E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
395	371399	3757806	Residence	1.85E-02	5.80E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
396	371798	3758080	Residence	1.68E-02	5.25E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
397	371908	3757934	Residence	9.96E-03	3.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
398	371964	3757922	Residence	1.00E-02	3.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
442	370667	3755262	Residence	3.58E-02	1.12E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
443	370380	3755263	Residence	5.17E-02	1.61E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
444	370076	3755265	Residence	3.50E-02	1.09E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
446	369498	3755268	Residence	-1.53E-03	-4.77E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
447	369194	3755270	Residence	-3.90E-02	-1.22E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
448	368889	3755272	Residence	7.43E-03	2.32E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
449	368569	3755273	Residence	1.51E-03	4.71E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
450	368275	3755275	Residence	6.82E-03	2.13E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
451	367936	3755213	Residence	2.23E-02	6.97E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
74	370324	3758078	School	2.18E-02	6.80E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
75	370324	3758078	School	2.19E-02	6.84E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
76	370324	3758078	School	1.95E-02	6.08E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
77	370324	3758078	School	2.01E-02	6.27E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
130	370324	3758078	School	2.38E-02	7.43E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
131	370381	3757991	School	3.17E-02	9.89E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
132	370435	3758019	School	2.28E-02	7.11E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
133	370499	3758050	School	1.19E-02	3.72E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
134	370485	3758025	School	1.40E-02	4.37E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
135	370481	3758086	School	8.43E-03	2.63E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
305	369787	3755242	School	2.09E-03	6.54E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
379	370299	3758078	School	2.11E-02	6.61E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
380	370298	3757963	School	3.67E-02	1.15E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
381	370382	3757966	School	3.58E-02	1.12E-05	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	AMMONIUM ION (µg/m^3)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m^3)	ANTIMONY Acute Hazard	ARSENIC (µg/m^3)	ARSENIC Acute Hazard	CADMIUM (µg/m^3)	CADMIUM Acute Hazard	CHROMIUM VI (µg/m^3)	CHROMIUM VI Acute Hazard	COPPER (µg/m^3)	COPPER Acute Hazard	LEAD (µg/m^3)	LEAD Acute Hazard	MANGANESE (µg/m^3)	MANGANESE Acute Hazard	MERCURY (µg/m^3)	MERCURY Acute Hazard
			CalEPA Acute REL		3200		NA		0.2		NA		NA		100		NA		NA		0.6
382	370510	3758027	School	1.70E-02	5.31E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
383	370506	3758088	School	7.28E-03	2.27E-06	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00
445	369787	3755267	School	2.85E-03	8.91E-07	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
29	370479	3756654	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
141	370911	3758089	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
142	370911	3757976	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
143	370911	3757863	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
144	370910	3757751	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
145	370930	3757712	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
146	370961	3757689	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
147	371046	3757693	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
148	371071	3757668	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
149	371071	3757585	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
150	371047	3757610	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
151	371122	3757609	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
152	371099	3757595	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
153	371135	3757663	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
168	371995	3757843	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
169	371969	3757867	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
170	372023	3757868	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
171	372048	3757843	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
172	372047	3757746	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
173	372046	3757649	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
174	372045	3757551	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
175	372041	3757448	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
176	372036	3757345	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
177	372032	3757242	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
178	372027	3757139	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
179	372003	3757115	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
180	371881	3757114	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
181	371758	3757113	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
182	371636	3757112	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
183	371514	3757111	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
184	371394	3757110	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
185	371275	3757110	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
186	371155	3757109	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
187	371035	3757108	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
188	371060	3757133	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
189	371059	3757085	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
190	371034	3757060	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
191	370944	3757061	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
192	370854	3757061	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
193	370764	3757062	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
194	370789	3757086	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
195	370786	3756996	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
196	370782	3756907	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
197	370779	3756817	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
198	370755	3756843	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
199	370847	3756839	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
200	370940	3756836	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
201	371032	3756832	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
202	371056	3756809	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
203	371058	3756782	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
204	371034	3756805	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
205	371146	3756803	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
206	371259	3756800	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
207	371371	3756798	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
208	371484	3756795	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
209	371595	3756793	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
210	371706	3756791	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
211	371818	3756788	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
212	371932	3756786	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
213	372046	3756783	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
214	372161	3756780	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
215	372275	3756778	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
216	372385	3756776	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
217	372494	3756773	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
218	372604	3756771	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
219	372714	3756768	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
220	372738	3756742	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
221	372733	3756647	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
222	372820	3756574	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
223	372844	3756548	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
224	372839	3756454	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
225	372821	3756363	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
226	372796	3756343	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
227	372731	3756328	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
228	372707	3756352	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
229	372928	3756344	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
230	372952	3756319	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
231	372951	3756245	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
232	372927	3756270	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
233	373033	3756268	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
234	373139	3756266	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
235	373245	3756264	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
236	373351	3756262	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
237	373457	3756261	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
238	373482	3756235	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
239	373480	3756123	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
240	373479	3756010	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
241	373477	3755897	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
242	373476	3755785	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
243	373474	3755672	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
244	373473	3755559	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
245	373447	3755535	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
246	373334	3755539	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
247	373221	3755544	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
248	373197	3755568	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
249	373196	3755636	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
250	373194	3755705	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
251	373220	3755680	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
252	373135	3755679	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
253	373160	3755704	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
254	373158	3755635	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
255	373156	3755566	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
256	373132	3755542	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
257	373055	3755538	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
258	373079	3755562	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
259	373077	3755465	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
260	373075	3755368	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
261	373073	3755271	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
262	373071	3755174	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
263	373046	3755149	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
264	372939	3755150	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
265	372832	3755151	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
266	372725	3755152	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
267	372623	3755157	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
268	372527	3755158	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
269	372431	3755159	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
270	372334	3755160	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
271	372237	3755161	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
272	372139	3755161	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
273	372040	3755162	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
274	371941	3755163	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
275	371843	3755164	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
276	371748	3755165	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
277	371653	3755165	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
278	371558	3755166	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
279	371463	3755167	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
280	371359	3755168	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
281	371256	3755169	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
282	371152	3755170	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
283	371049	3755171	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
284	371024	3755197	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
285	371028	3755273	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
286	371031	3755350	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
287	371020	3755376	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
288	371018	3755470	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
289	371017	3755556	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
290	371040	3755532	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
291	371026	3755420	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
292	371016	3755399	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
293	370916	3755327	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
294	370816	3755255	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
385	370885	3757751	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
386	370907	3757702	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
387	370945	3757670	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
388	371046	3757668	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
389	371046	3757585	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
390	371122	3757584	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
399	371970	3757842	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
400	372023	3757843	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
401	372020	3757552	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
402	372002	3757140	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
403	371514	3757136	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
404	371035	3757133	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
405	371034	3757085	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
406	370764	3757087	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
407	370754	3756818	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
408	371031	3756807	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
409	371033	3756780	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
410	371483	3756770	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
411	371817	3756763	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
412	372274	3756753	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
413	372713	3756743	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
414	372703	3756553	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
415	372819	3756549	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
416	372814	3756455	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
417	372797	3756368	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
418	372705	3756372	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
419	372706	3756327	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
420	372927	3756319	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
421	372926	3756245	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
422	373457	3756236	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
423	373448	3755560	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
424	373222	3755569	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
425	373219	3755705	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
426	373135	3755704	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
427	373131	3755567	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
428	373054	3755563	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
429	373046	3755174	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
430	372725	3755177	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
431	372624	3755182	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
432	372238	3755186	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
433	371843	3755189	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
434	371463	3755192	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
435	371049	3755196	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
436	371056	3755349	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
437	371043	3755384	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
438	371042	3755556	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
439	370996	3755560	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
440	371001	3755419	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
441	370801	3755276	Commercial	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
1	372249	3757612	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
2	372499	3757612	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
3	372249	3757862	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
4	372499	3757862	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
5	372249	3758112	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
6	372499	3758112	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
7	372249	3758362	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
8	372499	3758362	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
9	373793	3755335	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
10	374093	3755335	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
11	373793	3755710	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
12	374093	3755710	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
13	373793	3756085	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
14	374093	3756085	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
15	373793	3756460	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
16	374093	3756460	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
17	373793	3756835	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
18	374093	3756835	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
19	373793	3757210	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
20	374093	3757210	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
21	373793	3757585	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
22	374093	3757585	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
23	373793	3757960	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
24	374093	3757960	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
25	373793	3758335	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
26	374093	3758335	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
27	373793	3758710	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
28	374093	3758710	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
30	367278	3755614	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
31	367231	3755722	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
32	367185	3755830	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
33	367138	3755938	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
34	367091	3756047	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
35	367048	3756147	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
36	367005	3756247	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
37	366962	3756348	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
38	366918	3756450	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
39	366874	3756551	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
40	366830	3756653	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
41	366840	3756685	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
42	366890	3756714	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
43	366879	3756683	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
44	366852	3756751	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
45	366884	3756737	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
46	366821	3756715	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
47	366790	3756728	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
48	366745	3756823	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
49	366700	3756919	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
50	366655	3757014	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
51	366608	3757113	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
52	366561	3757212	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
53	366514	3757311	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
54	366464	3757416	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
55	366415	3757520	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
56	366434	3757556	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
57	366484	3757562	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
58	366567	3757525	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
59	366621	3757539	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
60	366646	3757556	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
61	366713	3757550	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
62	366779	3757545	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
63	366839	3757583	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
64	366913	3757623	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
65	366986	3757664	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
66	367074	3757713	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
67	367162	3757761	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
68	367300	3757718	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
69	367385	3757734	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
70	367398	3757758	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
71	367506	3757818	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
72	367533	3757826	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
73	367561	3757814	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
78	367786	3757842	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
79	367782	3757935	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
80	367752	3757969	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
81	367775	3758021	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
82	367808	3758034	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
83	367866	3758009	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
84	367924	3757985	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
85	367938	3757954	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
86	367928	3757923	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
87	367915	3757953	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
88	368017	3757908	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
89	368119	3757863	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
90	368180	3757839	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
91	368242	3757814	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
92	368318	3757785	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
93	368407	3757788	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
94	368505	3757789	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
95	368603	3757790	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
96	368628	3757765	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
97	368676	3757781	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
98	368759	3757821	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
99	368839	3757872	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
100	368921	3757924	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
101	369004	3757976	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
102	369038	3757969	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
103	369101	3757878	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
104	369067	3757885	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
105	369139	3757930	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
106	369211	3757974	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
107	369243	3757968	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
108	369305	3757894	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
109	369366	3757820	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
110	369436	3757794	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
111	369435	3757760	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
112	369251	3758017	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
113	369344	3758083	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
114	369437	3758148	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
115	369429	3758218	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
116	369432	3758306	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
117	369435	3758395	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
118	369460	3758419	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
119	369558	3758419	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
120	369657	3758419	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
121	369755	3758419	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
122	369853	3758419	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
123	369878	3758394	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
124	369877	3758289	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
125	369876	3758183	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
126	369962	3758103	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
127	370075	3758103	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
128	370187	3758103	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
129	370299	3758103	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
136	370506	3758113	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
137	370601	3758113	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
138	370696	3758114	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
139	370791	3758114	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
140	370886	3758114	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
154	371170	3757732	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m^3)	NICKEL Acute Hazard	SELENIUM (µg/m^3)	SELENIUM Acute Hazard	SILICON (µg/m^3)	SILICON Acute Hazard	SULFATES (µg/m^3)	SULFATES Acute Hazard	VANADIUM (µg/m^3)	VANADIUM Acute Hazard	ZINC (µg/m^3)	ZINC Acute Hazard	DIESEL PM (µg/m^3)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
155	371240	3757783	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
156	371264	3757808	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
157	371372	3757807	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
158	371385	3757827	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
159	371485	3757895	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
160	371585	3757964	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
161	371684	3758032	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
162	371784	3758101	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
163	371818	3758095	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
164	371873	3758022	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
165	371928	3757949	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
166	371969	3757946	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
167	371989	3757924	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
295	370737	3755244	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
296	370669	3755237	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
297	370571	3755237	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
298	370476	3755238	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
299	370380	3755238	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
300	370279	3755239	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
301	370177	3755240	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
302	370076	3755240	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
303	369979	3755241	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
304	369883	3755241	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
306	369690	3755242	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
307	369594	3755243	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
308	369498	3755243	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
309	369396	3755244	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
310	369295	3755244	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
311	369193	3755245	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
312	369092	3755245	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
313	368991	3755246	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
314	368889	3755247	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
315	368782	3755247	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
316	368676	3755248	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
317	368569	3755248	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
318	368471	3755249	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
319	368373	3755249	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
320	368275	3755250	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
321	368167	3755230	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
322	368054	3755209	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
323	367941	3755189	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
324	367824	3755185	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
325	367711	3755181	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
326	367598	3755178	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
327	367484	3755174	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
328	367461	3755189	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
329	367415	3755295	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
330	367369	3755401	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
331	367324	3755507	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
332	367484	3755199	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
333	367301	3755623	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
334	367114	3756056	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
335	366985	3756358	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
336	366853	3756663	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
337	366902	3756692	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
338	366876	3756760	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
339	366813	3756739	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
340	366677	3757025	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
341	366536	3757322	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
342	366437	3757531	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
343	366487	3757537	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
344	366624	3757468	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
345	366644	3757531	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
346	366777	3757520	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
347	366999	3757642	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
348	367174	3757740	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
349	367291	3757694	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
350	367413	3757695	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
351	367410	3757736	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
352	367518	3757796	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
353	367539	3757802	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
354	367609	3757677	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
355	367769	3757644	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
356	367775	3757719	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
357	367809	3757835	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
358	367807	3757936	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
359	367775	3757959	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
360	367798	3758011	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
361	367914	3757962	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
362	367905	3757930	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
363	368109	3757840	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
364	368233	3757790	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
365	368309	3757762	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
366	368603	3757765	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
367	368604	3757719	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
368	368770	3757799	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
369	369017	3757954	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
370	369080	3757864	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
371	369224	3757952	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
372	369409	3757730	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
373	369454	3757776	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
374	369265	3757997	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
375	369452	3758128	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
376	369460	3758394	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
377	369853	3758394	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
378	369850	3758078	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
384	370886	3758089	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
391	371193	3757720	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
392	371254	3757762	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
393	371264	3757783	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
394	371372	3757782	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
395	371399	3757806	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
396	371798	3758080	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
397	371908	3757934	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
398	371964	3757922	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
442	370667	3755262	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
443	370380	3755263	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
444	370076	3755265	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
446	369498	3755268	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
447	369194	3755270	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
448	368889	3755272	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
449	368569	3755273	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
450	368275	3755275	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
451	367936	3755213	Residence	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
74	370324	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
75	370324	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
76	370324	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
77	370324	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
130	370324	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
131	370381	3757991	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
132	370435	3758019	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
133	370499	3758050	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
134	370485	3758025	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
135	370481	3758086	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
305	369787	3755242	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
379	370299	3758078	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
380	370298	3757963	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
381	370382	3757966	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-1B
Calculation of Mitigated Incremental Acute Hazard Indices for PM10 for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	NICKEL ($\mu g/m^3$)	NICKEL Acute Hazard	SELENIUM ($\mu g/m^3$)	SELENIUM Acute Hazard	SILICON ($\mu g/m^3$)	SILICON Acute Hazard	SULFATES ($\mu g/m^3$)	SULFATES Acute Hazard	VANADIUM ($\mu g/m^3$)	VANADIUM Acute Hazard	ZINC ($\mu g/m^3$)	ZINC Acute Hazard	DIESEL PM ($\mu g/m^3$)	DIESEL PM Acute Hazard
			CalEPA Acute REL		6		NA		NA		120		30		NA		NA
382	370510	3758027	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
383	370506	3758088	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA
445	369787	3755267	School	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	NA

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
Residential																			
Maximum Offsite Concentration-->	2.36E+01	1.98E-02	5.20E-04	4.56E-04	1.05E-03	8.98E-04	1.25E-01	7.28E-04	2.93E-03	1.28E-02	2.12E-02	5.08E-04	1.79E-03	1.03E-04	4.39E+00	3.07E-01	6.08E-03	1.44E-02	5.06E+00
Average Offsite Concentration-->	8.59E+00	7.85E-03	1.93E-04	1.61E-04	3.93E-04	3.26E-04	4.66E-02	2.58E-04	1.05E-03	4.49E-03	7.44E-03	1.87E-04	6.53E-04	3.92E-05	1.54E+00	1.23E-01	2.14E-03	5.20E-03	2.04E+00
Minimum Offsite Concentration-->	6.16E-01	1.00E-03	1.58E-05	8.46E-06	3.45E-05	2.28E-05	4.02E-03	1.42E-05	6.67E-05	2.18E-04	3.68E-04	1.44E-05	4.68E-05	3.72E-06	7.23E-02	1.72E-02	1.05E-04	3.38E-04	2.84E-01
Commercial																			
Maximum Offsite Concentration-->	2.32E+02	1.93E-01	5.11E-03	4.48E-03	1.04E-02	8.84E-03	1.23E+00	7.16E-03	2.89E-02	1.26E-01	2.08E-01	5.00E-03	1.76E-02	1.02E-03	4.32E+01	2.96E+00	5.98E-02	1.42E-01	4.89E+01
Average Offsite Concentration-->	1.26E+01	1.14E-02	2.83E-04	2.38E-04	5.76E-04	4.80E-04	6.82E-02	3.81E-04	1.55E-03	6.64E-03	1.10E-02	2.74E-04	9.60E-04	5.73E-05	2.28E+00	1.78E-01	3.16E-03	7.66E-03	2.94E+00
Minimum Offsite Concentration-->	7.82E-01	1.19E-03	1.97E-05	1.10E-05	4.26E-05	2.91E-05	4.97E-03	1.86E-05	8.66E-05	2.72E-04	4.65E-04	1.81E-05	5.95E-05	4.54E-06	8.87E-02	2.02E-02	1.33E-04	4.37E-04	3.33E-01
School																			
Maximum Offsite Concentration-->	1.55E+01	1.31E-02	3.42E-04	2.97E-04	6.93E-04	5.89E-04	8.22E-02	4.75E-04	1.92E-03	8.34E-03	1.38E-02	3.34E-04	1.18E-03	6.84E-05	2.86E+00	2.02E-01	3.97E-03	9.45E-03	3.33E+00
Average Offsite Concentration-->	7.29E+00	7.75E-03	1.68E-04	1.29E-04	3.49E-04	2.76E-04	4.12E-02	2.09E-04	8.73E-04	3.55E-03	5.91E-03	1.61E-04	5.54E-04	3.55E-05	1.21E+00	1.25E-01	1.70E-03	4.33E-03	2.07E+00
Minimum Offsite Concentration-->	4.72E+00	5.56E-03	1.13E-04	7.80E-05	2.37E-04	1.77E-04	2.79E-02	1.27E-04	5.49E-04	2.11E-03	3.53E-03	1.06E-04	3.59E-04	2.44E-05	7.16E-01	8.87E-02	1.01E-03	2.74E-03	1.46E+00
CalEPA Acute REL	NA	3200	NA	0.2	NA	NA	210	NA	100	NA	NA	0.6	6	NA	NA	120	30	NA	NA
Residential																			
Offsite Maximum Acute Hazard-->	NA	6.18E-06	NA	2.28E-03	NA	NA	5.94E-04	NA	2.93E-05	NA	NA	8.46E-04	2.99E-04	NA	NA	2.55E-03	2.03E-04	NA	NA
Offsite Average Acute Hazard-->	NA	2.45E-06	NA	8.05E-04	NA	NA	2.22E-04	NA	1.05E-05	NA	NA	3.11E-04	1.09E-04	NA	NA	1.03E-03	7.13E-05	NA	NA
Offsite Minimum Acute Hazard-->	NA	3.13E-07	NA	4.23E-05	NA	NA	1.92E-05	NA	6.67E-07	NA	NA	2.40E-05	7.80E-06	NA	NA	1.43E-04	3.51E-06	NA	NA
Commercial																			
Offsite Maximum Acute Hazard-->	NA	6.02E-05	NA	2.24E-02	NA	NA	5.85E-03	NA	2.89E-04	NA	NA	8.33E-03	2.94E-03	NA	NA	2.47E-02	1.99E-03	NA	NA
Offsite Average Acute Hazard-->	NA	3.55E-06	NA	1.19E-03	NA	NA	3.25E-04	NA	1.55E-05	NA	NA	4.57E-04	1.60E-04	NA	NA	1.48E-03	1.05E-04	NA	NA
Offsite Minimum Acute Hazard-->	NA	3.71E-07	NA	5.51E-05	NA	NA	2.37E-05	NA	8.66E-07	NA	NA	3.01E-05	9.92E-06	NA	NA	1.68E-04	4.43E-06	NA	NA
School																			
Offsite Maximum Acute Hazard-->	NA	4.08E-06	NA	1.49E-03	NA	NA	3.91E-04	NA	1.92E-05	NA	NA	5.56E-04	1.96E-04	NA	NA	1.68E-03	1.32E-04	NA	NA
Offsite Average Acute Hazard-->	NA	2.42E-06	NA	6.45E-04	NA	NA	1.96E-04	NA	8.73E-06	NA	NA	2.68E-04	9.24E-05	NA	NA	1.04E-03	5.66E-05	NA	NA
Offsite Minimum Acute Hazard-->	NA	1.74E-06	NA	3.90E-04	NA	NA	1.33E-04	NA	5.49E-06	NA	NA	1.77E-04	5.98E-05	NA	NA	7.39E-04	3.37E-05	NA	NA

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
29	370479	3756654	Commercial	2.32E+02	1.93E-01	5.11E-03	4.48E-03	1.04E-02	8.84E-03	1.23E+00	7.16E-03	2.89E-02	1.26E-01	2.08E-01	5.00E-03	1.76E-02	1.02E-03	4.32E+01	2.96E+00	5.98E-02	1.42E-01	4.89E+01
141	370911	3758089	Commercial	6.02E+00	5.39E-03	1.34E-04	1.14E-04	2.74E-04	2.29E-04	3.24E-02	1.82E-04	7.41E-04	3.17E-03	5.26E-03	1.31E-04	4.57E-04	2.72E-05	1.09E+00	8.41E-02	1.51E-03	3.65E-03	1.39E+00
142	370911	3757976	Commercial	6.14E+00	6.24E-03	1.41E-04	1.11E-04	2.91E-04	2.33E-04	3.43E-02	1.79E-04	7.42E-04	3.06E-03	5.09E-03	1.35E-04	4.67E-04	2.93E-05	1.05E+00	1.00E-01	1.46E-03	3.67E-03	1.65E+00
143	370911	3757863	Commercial	6.72E+00	7.97E-03	1.59E-04	1.13E-04	3.34E-04	2.53E-04	3.93E-02	1.84E-04	7.88E-04	3.08E-03	5.13E-03	1.50E-04	5.11E-04	3.44E-05	1.04E+00	1.31E-01	1.47E-03	3.92E-03	2.17E+00
144	370910	3757751	Commercial	8.48E+00	1.03E-02	2.02E-04	1.41E-04	4.25E-04	3.19E-04	5.00E-02	2.30E-04	9.90E-04	3.82E-03	6.38E-03	1.90E-04	6.45E-04	4.40E-05	1.30E+00	1.71E-01	1.83E-03	4.93E-03	2.82E+00
145	370930	3757712	Commercial	9.76E+00	1.16E-02	2.31E-04	1.64E-04	4.85E-04	3.67E-04	5.71E-02	2.67E-04	1.15E-03	4.47E-03	7.46E-03	2.18E-04	7.42E-04	5.00E-05	1.52E+00	1.91E-01	2.14E-03	5.70E-03	3.14E+00
146	370961	3757689	Commercial	1.08E+01	1.25E-02	2.53E-04	1.83E-04	5.32E-04	4.05E-04	6.25E-02	2.97E-04	1.27E-03	4.98E-03	8.30E-03	2.40E-04	8.18E-04	5.47E-05	1.69E+00	2.06E-01	2.38E-03	6.30E-03	3.40E+00
147	371046	3757693	Commercial	1.33E+01	1.35E-02	3.05E-04	2.41E-04	6.29E-04	5.05E-04	7.43E-02	3.88E-04	1.61E-03	6.66E-03	1.11E-02	2.93E-04	1.01E-03	6.35E-05	2.27E+00	2.16E-01	3.18E-03	7.96E-03	3.56E+00
148	371071	3757668	Commercial	1.51E+01	1.43E-02	3.41E-04	2.80E-04	7.00E-04	5.74E-04	8.28E-02	4.50E-04	1.85E-03	7.80E-03	1.29E-02	3.30E-04	1.15E-03	7.00E-05	2.67E+00	2.26E-01	3.72E-03	9.12E-03	3.73E+00
149	371071	3757585	Commercial	1.88E+01	1.63E-02	4.17E-04	3.57E-04	8.48E-04	7.14E-04	1.00E-01	5.72E-04	2.32E-03	9.99E-03	1.66E-02	4.06E-04	1.43E-03	8.39E-05	3.43E+00	2.54E-01	4.76E-03	1.14E-02	4.19E+00
150	371047	3757610	Commercial	1.71E+01	1.56E-02	3.83E-04	3.20E-04	7.83E-04	6.49E-04	9.27E-02	5.13E-04	2.10E-03	8.92E-03	1.48E-02	3.71E-04	1.30E-03	7.80E-05	3.06E+00	2.46E-01	4.25E-03	1.03E-02	4.05E+00
151	371122	3757609	Commercial	1.86E+01	1.58E-02	4.12E-04	3.57E-04	8.36E-04	7.09E-04	9.91E-02	5.71E-04	2.31E-03	1.00E-02	1.66E-02	4.02E-04	1.42E-03	8.25E-05	3.44E+00	2.44E-01	4.76E-03	1.14E-02	4.04E+00
152	371099	3757595	Commercial	1.88E+01	1.61E-02	4.17E-04	3.60E-04	8.47E-04	7.17E-04	1.00E-01	5.76E-04	2.33E-03	1.01E-02	1.67E-02	4.07E-04	1.43E-03	8.37E-05	3.46E+00	2.50E-01	4.80E-03	1.15E-02	4.12E+00
153	371135	3757663	Commercial	1.68E+01	1.47E-02	3.73E-04	3.19E-04	7.59E-04	6.39E-04	9.00E-02	5.11E-04	2.07E-03	8.92E-03	1.48E-02	3.63E-04	1.28E-03	7.52E-05	3.06E+00	2.29E-01	4.25E-03	1.02E-02	3.77E+00
168	371995	3757843	Commercial	1.06E+01	8.76E-03	2.33E-04	2.05E-04	4.72E-04	4.04E-04	5.60E-02	3.27E-04	1.32E-03	5.75E-03	9.52E-03	2.28E-04	8.05E-04	4.64E-05	1.97E+00	1.34E-01	2.74E-03	6.48E-03	2.22E+00
169	371969	3757867	Commercial	1.10E+01	8.93E-03	2.42E-04	2.14E-04	4.88E-04	4.20E-04	5.79E-02	3.42E-04	1.37E-03	6.02E-03	9.96E-03	2.37E-04	8.37E-04	4.79E-05	2.07E+00	1.36E-01	2.86E-03	6.75E-03	2.25E+00
170	372023	3757868	Commercial	1.04E+01	8.59E-03	2.29E-04	2.01E-04	4.63E-04	3.97E-04	5.50E-02	3.22E-04	1.30E-03	5.66E-03	9.37E-03	2.24E-04	7.91E-04	4.56E-05	1.94E+00	1.32E-01	2.69E-03	6.37E-03	2.18E+00
171	372048	3757843	Commercial	9.88E+00	8.38E-03	2.19E-04	1.90E-04	4.43E-04	3.76E-04	5.25E-02	3.03E-04	1.23E-03	5.31E-03	8.80E-03	2.13E-04	7.51E-04	4.37E-05	1.82E+00	1.29E-01	2.53E-03	6.03E-03	2.14E+00
172	372047	3757746	Commercial	8.65E+00	8.08E-03	1.95E-04	1.61E-04	3.99E-04	3.28E-04	4.71E-02	2.58E-04	1.06E-03	4.48E-03	7.43E-03	1.88E-04	6.57E-04	3.98E-05	1.53E+00	1.27E-01	2.13E-03	5.22E-03	2.11E+00
173	372046	3757649	Commercial	8.87E+00	7.84E-03	1.98E-04	1.68E-04	4.02E-04	3.37E-04	4.77E-02	2.69E-04	1.09E-03	4.70E-03	7.79E-03	1.92E-04	6.74E-04	3.99E-05	1.61E+00	1.22E-01	2.24E-03	5.39E-03	2.02E+00
174	372045	3757551	Commercial	9.99E+00	8.06E-03	2.19E-04	1.95E-04	4.42E-04	3.81E-04	5.25E-02	3.11E-04	1.25E-03	5.47E-03	9.06E-03	2.15E-04	7.59E-04	4.34E-05	1.88E+00	1.23E-01	2.60E-03	6.13E-03	2.03E+00
175	372041	3757448	Commercial	1.06E+01	8.43E-03	2.31E-04	2.07E-04	4.66E-04	4.03E-04	5.54E-02	3.30E-04	1.32E-03	5.81E-03	9.62E-03	2.27E-04	8.03E-04	4.57E-05	2.00E+00	1.28E-01	2.76E-03	6.49E-03	2.12E+00
176	372036	3757345	Commercial	1.01E+01	8.44E-03	2.24E-04	1.96E-04	4.53E-04	3.87E-04	5.37E-02	3.13E-04	1.26E-03	5.50E-03	9.10E-03	2.19E-04	7.71E-04	4.46E-05	1.89E+00	1.30E-01	2.62E-03	6.21E-03	2.14E+00
177	372032	3757242	Commercial	9.01E+00	8.74E-03	2.04E-04	1.65E-04	4.20E-04	3.42E-04	4.96E-02	2.66E-04	1.10E-03	4.59E-03	7.62E-03	1.97E-04	6.85E-04	4.22E-05	1.57E+00	1.39E-01	2.19E-03	5.41E-03	2.29E+00
178	372027	3757139	Commercial	1.07E+01	1.01E-02	2.41E-04	1.97E-04	4.94E-04	4.05E-04	5.84E-02	3.17E-04	1.30E-03	5.49E-03	9.11E-03	2.33E-04	8.11E-04	4.95E-05	1.88E+00	1.60E-01	2.62E-03	6.43E-03	2.65E+00
179	372003	3757115	Commercial	1.15E+01	1.06E-02	2.58E-04	2.15E-04	5.28E-04	4.37E-04	6.25E-02	3.45E-04	1.41E-03	5.99E-03	9.93E-03	2.50E-04	8.74E-04	5.27E-05	2.05E+00	1.67E-01	2.85E-03	6.95E-03	2.75E+00
180	371881	3757114	Commercial	1.15E+01	1.11E-02	2.60E-04	2.10E-04	5.34E-04	4.35E-04	6.32E-02	3.38E-04	1.39E-03	5.83E-03	9.68E-03	2.51E-04	8.71E-04	5.37E-05	1.99E+00	1.77E-01	2.78E-03	6.89E-03	2.92E+00
181	371758	3757113	Commercial	1.12E+01	1.17E-02	2.58E-04	2.00E-04	5.34E-04	4.24E-04	6.30E-02	3.23E-04	1.35E-03	5.53E-03	9.19E-03	2.47E-04	8.53E-04	5.41E-05	1.89E+00	1.88E-01	2.64E-03	6.68E-03	3.10E+00
182	371636	3757112	Commercial	1.32E+01	1.25E-02	2.98E-04	2.44E-04	6.12E-04	5.01E-04	7.23E-02	3.93E-04	1.61E-03	6.80E-03	1.13E-02	2.88E-04	1.00E-03	6.12E-05	2.33E+00	1.98E-01	3.24E-03	7.96E-03	3.27E+00
183	371514	3757111	Commercial	1.58E+01	1.35E-02	3.51E-04	3.04E-04	7.11E-04	6.03E-04	8.43E-02	4.86E-04	1.97E-03	8.52E-03	1.41E-02	3.42E-04	1.20E-03	7.02E-05	2.92E+00	2.08E-01	4.05E-03	9.67E-03	3.44E+00
184	371394	3757110	Commercial	1.90E+01	1.56E-02	4.18E-04	3.69E-04	8.45E-04	7.25E-04	1.00E-01	5.89E-04	2.37E-03	1.04E-02	1.71E-02	4.09E-04	1.44E-03	8.30E-05	3.56E+00	2.38E-01	4.93E-03	1.16E-02	3.94E+00
185	371275	3757110	Commercial	2.21E+01	1.78E-02	4.85E-04	4.30E-04	9.77E-04	8.42E-04	1.16E-01	6.87E-04	2.76E-03	1.21E-02	2.00E-02	4.75E-04	1.68E-03	9.59E-05	4.16E+00	2.72E-01	5.75E-03	1.36E-02	4.49E+00
186	371155	3757109	Commercial	2.46E+01	2.05E-02	5.42E-04	4.74E-04	1.10E-03	9.36E-04	1.30E-01	7.57E-04	3.06E-03	1.33E-02	2.20E-02	5.30E-04	1.87E-03	1.08E-04	4.56E+00	3.16E-01	6.32E-03	1.50E-02	5.22E+00
187	371035	3757108	Commercial	2.78E+01	2.54E-02	6.23E-04	5.20E-04	1.27E-03	1.06E-03	1.50E-01	8.35E-04	3.41E-03	1.45E-02	2.41E-02	6.03E-04	2.11E-03	1.27E-04	4.97E+00	3.97E-01	6.92E-03	1.68E-02	6.57E+00

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
188	371060	3757133	Commercial	2.71E+01	2.44E-02	6.07E-04	5.11E-04	1.24E-03	1.03E-03	1.46E-01	8.19E-04	3.34E-03	1.43E-02	2.37E-02	5.89E-04	2.06E-03	1.23E-04	4.89E+00	3.81E-01	6.80E-03	1.65E-02	6.30E+00
189	371059	3757085	Commercial	2.73E+01	2.42E-02	6.08E-04	5.16E-04	1.24E-03	1.04E-03	1.47E-01	8.26E-04	3.36E-03	1.44E-02	2.39E-02	5.91E-04	2.07E-03	1.23E-04	4.94E+00	3.77E-01	6.86E-03	1.66E-02	6.23E+00
190	371034	3757060	Commercial	2.90E+01	2.52E-02	6.45E-04	5.53E-04	1.31E-03	1.10E-03	1.55E-01	8.85E-04	3.59E-03	1.55E-02	2.56E-02	6.28E-04	2.21E-03	1.30E-04	5.31E+00	3.92E-01	7.37E-03	1.77E-02	6.48E+00
191	370944	3757061	Commercial	3.36E+01	3.01E-02	7.50E-04	6.33E-04	1.53E-03	1.28E-03	1.81E-01	1.02E-03	4.13E-03	1.77E-02	2.93E-02	7.28E-04	2.55E-03	1.52E-04	6.06E+00	4.70E-01	8.43E-03	2.04E-02	7.76E+00
192	370854	3757061	Commercial	4.26E+01	3.57E-02	9.40E-04	8.20E-04	1.90E-03	1.62E-03	2.26E-01	1.31E-03	5.29E-03	2.30E-02	3.81E-02	9.18E-04	3.24E-03	1.88E-04	7.90E+00	5.50E-01	1.09E-02	2.60E-02	9.09E+00
193	370764	3757062	Commercial	4.74E+01	4.02E-02	1.05E-03	9.09E-04	2.12E-03	1.80E-03	2.52E-01	1.45E-03	5.88E-03	2.55E-02	4.22E-02	1.02E-03	3.60E-03	2.10E-04	8.75E+00	6.20E-01	1.21E-02	2.89E-02	1.02E+01
194	370789	3757086	Commercial	4.44E+01	3.76E-02	9.81E-04	8.51E-04	1.99E-03	1.69E-03	2.36E-01	1.36E-03	5.50E-03	2.39E-02	3.95E-02	9.57E-04	3.37E-03	1.96E-04	8.19E+00	5.80E-01	1.14E-02	2.71E-02	9.59E+00
195	370786	3756996	Commercial	4.95E+01	4.22E-02	1.10E-03	9.49E-04	2.22E-03	1.89E-03	2.64E-01	1.52E-03	6.14E-03	2.66E-02	4.40E-02	1.07E-03	3.76E-03	2.20E-04	9.13E+00	6.52E-01	1.27E-02	3.02E-02	1.08E+01
196	370782	3756907	Commercial	5.01E+01	4.32E-02	1.11E-03	9.58E-04	2.26E-03	1.91E-03	2.67E-01	1.53E-03	6.21E-03	2.68E-02	4.44E-02	1.08E-03	3.81E-03	2.23E-04	9.20E+00	6.68E-01	1.28E-02	3.05E-02	1.11E+01
197	370779	3756817	Commercial	5.27E+01	4.91E-02	1.19E-03	9.82E-04	2.42E-03	2.00E-03	2.87E-01	1.58E-03	6.45E-03	2.73E-02	4.54E-02	1.15E-03	4.00E-03	2.43E-04	9.36E+00	7.69E-01	1.30E-02	3.19E-02	1.28E+01
198	370755	3756843	Commercial	5.65E+01	4.74E-02	1.25E-03	1.09E-03	2.52E-03	2.15E-03	2.99E-01	1.74E-03	7.02E-03	3.05E-02	5.05E-02	1.22E-03	4.29E-03	2.49E-04	1.05E+01	7.26E-01	1.45E-02	3.45E-02	1.21E+01
199	370847	3756839	Commercial	4.44E+01	4.16E-02	1.00E-03	8.25E-04	2.04E-03	1.69E-03	2.42E-01	1.32E-03	5.43E-03	2.30E-02	3.81E-02	9.67E-04	3.37E-03	2.05E-04	7.86E+00	6.53E-01	1.09E-02	2.68E-02	1.08E+01
200	370940	3756836	Commercial	4.09E+01	3.73E-02	9.16E-04	7.66E-04	1.87E-03	1.55E-03	2.21E-01	1.23E-03	5.02E-03	2.14E-02	3.54E-02	8.88E-04	3.11E-03	1.86E-04	7.32E+00	5.84E-01	1.02E-02	2.47E-02	9.67E+00
201	371032	3756832	Commercial	3.91E+01	3.36E-02	8.68E-04	7.48E-04	1.76E-03	1.49E-03	2.09E-01	1.20E-03	4.85E-03	2.10E-02	3.47E-02	8.45E-04	2.97E-03	1.74E-04	7.19E+00	5.19E-01	9.98E-03	2.39E-02	8.58E+00
202	371056	3756809	Commercial	4.11E+01	3.38E-02	9.04E-04	7.96E-04	1.83E-03	1.57E-03	2.17E-01	1.27E-03	5.12E-03	2.24E-02	3.70E-02	8.84E-04	3.12E-03	1.80E-04	7.68E+00	5.17E-01	1.06E-02	2.52E-02	8.55E+00
203	371058	3756782	Commercial	4.29E+01	3.46E-02	9.41E-04	8.35E-04	1.90E-03	1.64E-03	2.25E-01	1.33E-03	5.36E-03	2.35E-02	3.89E-02	9.21E-04	3.26E-03	1.86E-04	8.07E+00	5.27E-01	1.12E-02	2.63E-02	8.72E+00
204	371034	3756805	Commercial	4.25E+01	3.50E-02	9.36E-04	8.23E-04	1.89E-03	1.62E-03	2.24E-01	1.31E-03	5.30E-03	2.31E-02	3.83E-02	9.15E-04	3.23E-03	1.86E-04	7.94E+00	5.37E-01	1.10E-02	2.60E-02	8.87E+00
205	371146	3756803	Commercial	3.72E+01	3.00E-02	8.16E-04	7.25E-04	1.65E-03	1.42E-03	1.95E-01	1.16E-03	4.65E-03	2.04E-02	3.38E-02	8.00E-04	2.83E-03	1.62E-04	7.01E+00	4.57E-01	9.70E-03	2.28E-02	7.56E+00
206	371259	3756800	Commercial	3.23E+01	2.58E-02	7.07E-04	6.30E-04	1.43E-03	1.23E-03	1.69E-01	1.01E-03	4.04E-03	1.77E-02	2.93E-02	6.93E-04	2.45E-03	1.40E-04	6.09E+00	3.93E-01	8.43E-03	1.98E-02	6.50E+00
207	371371	3756798	Commercial	2.79E+01	2.24E-02	6.12E-04	5.44E-04	1.23E-03	1.06E-03	1.46E-01	8.69E-04	3.49E-03	1.53E-02	2.53E-02	5.99E-04	2.12E-03	1.21E-04	5.26E+00	3.42E-01	7.28E-03	1.71E-02	5.65E+00
208	371484	3756795	Commercial	2.41E+01	1.96E-02	5.30E-04	4.69E-04	1.07E-03	9.20E-04	1.27E-01	7.49E-04	3.01E-03	1.32E-02	2.18E-02	5.19E-04	1.83E-03	1.05E-04	4.53E+00	2.99E-01	6.27E-03	1.48E-02	4.95E+00
209	371595	3756793	Commercial	2.09E+01	1.73E-02	4.61E-04	4.05E-04	9.32E-04	7.98E-04	1.11E-01	6.48E-04	2.61E-03	1.14E-02	1.88E-02	4.51E-04	1.59E-03	9.17E-05	3.91E+00	2.65E-01	5.42E-03	1.28E-02	4.38E+00
210	371706	3756791	Commercial	1.82E+01	1.53E-02	4.03E-04	3.51E-04	8.16E-04	6.95E-04	9.68E-02	5.61E-04	2.27E-03	9.85E-03	1.63E-02	3.93E-04	1.39E-03	8.05E-05	3.38E+00	2.36E-01	4.69E-03	1.11E-02	3.90E+00
211	371818	3756788	Commercial	1.59E+01	1.37E-02	3.53E-04	3.05E-04	7.17E-04	6.07E-04	8.50E-02	4.88E-04	1.98E-03	8.54E-03	1.41E-02	3.44E-04	1.21E-03	7.09E-05	2.93E+00	2.12E-01	4.07E-03	9.72E-03	3.50E+00
212	371932	3756786	Commercial	1.40E+01	1.23E-02	3.11E-04	2.65E-04	6.32E-04	5.31E-04	7.48E-02	4.24E-04	1.72E-03	7.41E-03	1.23E-02	3.02E-04	1.06E-03	6.27E-05	2.54E+00	1.91E-01	3.53E-03	8.48E-03	3.15E+00
213	372046	3756783	Commercial	1.23E+01	1.10E-02	2.74E-04	2.31E-04	5.59E-04	4.67E-04	6.62E-02	3.71E-04	1.51E-03	6.46E-03	1.07E-02	2.66E-04	9.33E-04	5.56E-05	2.21E+00	1.72E-01	3.08E-03	7.45E-03	2.85E+00
214	372161	3756780	Commercial	1.09E+01	9.97E-03	2.44E-04	2.03E-04	4.98E-04	4.12E-04	5.89E-02	3.26E-04	1.33E-03	5.66E-03	9.38E-03	2.36E-04	8.25E-04	4.96E-05	1.94E+00	1.57E-01	2.70E-03	6.56E-03	2.59E+00
215	372275	3756778	Commercial	9.62E+00	9.05E-03	2.17E-04	1.78E-04	4.44E-04	3.65E-04	5.25E-02	2.86E-04	1.18E-03	4.96E-03	8.23E-03	2.10E-04	7.31E-04	4.44E-05	1.70E+00	1.43E-01	2.36E-03	5.80E-03	2.36E+00
216	372385	3756776	Commercial	8.62E+00	8.31E-03	1.95E-04	1.58E-04	4.01E-04	3.27E-04	4.74E-02	2.55E-04	1.05E-03	4.40E-03	7.31E-03	1.88E-04	6.55E-04	4.02E-05	1.51E+00	1.32E-01	2.10E-03	5.18E-03	2.18E+00
217	372494	3756773	Commercial	7.74E+00	7.63E-03	1.76E-04	1.41E-04	3.62E-04	2.93E-04	4.28E-02	2.27E-04	9.38E-04	3.91E-03	6.49E-03	1.69E-04	5.88E-04	3.65E-05	1.34E+00	1.22E-01	1.86E-03	4.64E-03	2.01E+00
218	372604	3756771	Commercial	6.98E+00	7.03E-03	1.59E-04	1.26E-04	3.29E-04	2.64E-04	3.88E-02	2.03E-04	8.43E-04	3.49E-03	5.80E-03	1.53E-04	5.30E-04	3.32E-05	1.19E+00	1.12E-01	1.66E-03	4.17E-03	1.86E+00
219	372714	3756768	Commercial	6.30E+00	6.51E-03	1.45E-04	1.13E-04	2.99E-04	2.38E-04	3.53E-02	1.82E-04	7.59E-04	3.12E-03	5.18E-03	1.39E-04	4.79E-04	3.03E-05	1.06E+00	1.05E-01	1.49E-03	3.76E-03	1.73E+00
220	372738	3756742	Commercial	5.69E+00	6.19E-03	1.32E-04	9.97E-05	2.75E-04	2.15E-04	3.24E-02	1.61E-04	6.78E-04	2.74E-03	4.56E-03	1.26E-04	4.32E-04	2.80E-05	9.33E-01	1.00E-01	1.31E-03	3.37E-03	1.66E+00
221	372733	3756647	Commercial	4.08E+00	5.42E-03	9.91E-05	6.46E-05	2.11E-04	1.53E-04	2.47E-02	1.06E-04	4.67E-04	1.73E-03	2.90E-03	9.25E-05	3.10E-04	2.21E-05	5.85E-01	9.06E-02	8.32E-04	2.34E-03	1.50E+00
222	372820	3756574	Commercial	3.31E+00	4.59E-03	8.13E-05	5.11E-05	1.74E-04	1.24E-04	2.04E-02	8.42E-05	3.75E-04	1.36E-03	2.28E-03	7.55E-05	2.52E-04	1.83E-05	4.58E-01	7.73E-02	6.54E-04	1.88E-03	1.27E+00
223	372844	3756548	Commercial	3.08E+00	4.32E-03	7.59E-05	4.72E-05	1.63E-04	1.15E-04	1.90E-02	7.78E-05	3.48E-04	1.25E-03	2.10E-03	7.04E-05	2.34E-04	1.72E-05	4.21E-01	7.29E-02	6.02E-04	1.75E-03	1.20E+00
224	372839	3756454	Commercial	2.15E+00	3.57E-03	5.54E-05	2.91E-05	1.21E-04	7.95E-05	1.41E-02	4.89E-05	2.31E-04	7.44E-04	1.26E-03	5.03E-05	1.63E-04	1.31E-05	2.47E-01	6.13E-02	3.60E-04	1.18E-03	1.01E+00
225	372821	3756363	Commercial	1.52E+00	2.95E-03	4.12E-05	1.77E-05	9.22E-05	5.58E-05	1.07E-02	3.06E-05	1.56E-04	4.28E-04	7.34E-04	3.67E-05	1.16E-04	1.02E-05	1.39E-01	5.16E-02	2.10E-04	8.01E-04	8.50E-01
226	372796	3756343	Commercial	1.47E+00	2.81E-03	3.96E-05	1.74E-05	8.83E-05	5.39E-05	1.03E-02	2.99E-05	1.51E-04	4.23E-04	7.25E-04	3.53E-05	1.12E-04	9.74E-06	1.37E-01	4.89E-02	2.07E-04	7.76E-04	8.07E-01
227	372731	3756328	Commercial	1.48E+00	2.82E-03	3.98E-05	1.75E-05	8.87E-05	5.42E-05	1.03E-02	3.01E-05	1.52E-04	4.26E-04	7.29E-04	3.55E-05	1.12E-04	9.77E-06	1.38E-01	4.91E-02	2.08E-04	7.80E-04	8.10E-01
228	372707	3756352	Commercial	1.57E+00	3.01E-03	4.23E-05	1.84E-05	9.45E-05	5.75E-05	1.10E-02	3.18E-05	1.61E-04	4.48E-04	7.68E-04	3.77E-05	1.19E-04	1.04E-05	1.45E-01	5.25E-02	2.20E-04	8.28E-04	8.66E-01
229	372928	3756344	Commercial	1.39E+00	2.65E-03	3.74E-05	1.63E-05	8.34E-05	5.08E-05	9.67E-03	2.81E-05	1.42E-04	3.97E-04	6.81E-04	3.33E-05	1.05E-04	9.19E-06	1.29E-01	4.63E-02	1.94E-04	7.31E-04	7.63E-01
230	372952	3756319	Commercial	1.31E+00	2.50E-03	3.53E-05	1.56E-05	7.88E-05	4.82E-05	9.15E-03	2.68E-05	1.35E-04	3.80E-04	6.51E-04	3.15E-05	1.00E-04	8.68E-06	1.24E-01	4.36E-02	1.86E-04	6.95E-04	7.18E-01
231	372951	3756245	Commercial	1.15E+00	2.09E-03	3.06E-05	1.43E-05	6.77E-05	4.24E-05	7.87E-03	2.45E-05	1.21E-04	3.57E-04	6.08E-04	2.74E-05	8.77E-05	7.41E-06	1.17E-01	3.63E-02	1.74E-04	6.17E-04	5.99E-01
232	372927	3756270	Commercial	1.18E+00	2.23E-03	3.17E-05	1.41E-05	7.07E-05	4.34E-05	8.20E-03	2.43E-05	1.22E-04	3.46E-04	5.92E-04	2.83E-05	9.00E-05	7.78E-06	1.13E-01	3.89E-02	1.69E-04	6.26E-04	6.41E-01
233	373033	3756268	Commercial	1.13E+00	2.13E-03	3.03E-05	1.36E-05	6.75E-05	4.15E-05	7.83E-03	2.34E-05	1.17E-04	3.33E-04	5.70E-04	2.71E-05	8.61E-05	7.42E-06	1.09E-01	3.70E-02	1.63E-04	6.00E-04	6.10E-01
234	373139	3756266	Commercial	1.08E+00	2.03E-03	2.90E-05	1.31E-05	6.45E-05	3.98E-05	7.49E-03	2.24E-05	1.12E-04	3.21E-04	5.49E-04	2.59E-05	8.24E-05	7.09E-06	1.05E-01	3.53E-02	1.57E-04	5.75E-04	5.82E-01
235	373245	3756264	Commercial	1.04E+00	1.94E-03	2.77E-05	1.26E-05	6.17E-05	3.81E-05	7.17E-03	2.16E-05	1.08E-04	3.09E-04	5.28E-04	2.48E-05	7.90E-05	6.78E-06	1.01E-01	3.37E-02	1.51E-04	5.51E-04	5.56E-01
236	373351	3756262	Commercial	9.95E-01	1.85E-03	2.66E-05	1.21E-05	5.91E-05	3.65E-05	6.86E-03	2.07E-05	1.03E-04	2.97E-04	5.08E-04	2.38E-05	7.57E-05	6.49E-06	9.70E-02	3.22E-02	1.45E-04	5.29E-04	5.31E-01
237	373457	3756261	Commercial	9.55E-01	1.77E-03	2.55E-05	1.16E-05	5.66E-05	3.51E-05	6.58E-03	1.99E-05	9.91E-05	2.86E-04	4.89E-04	2.28E-05	7.26E-05	6.22E-06	9.34E-02	3.08E-02	1.40E-04	5.08E-04	5.09E-01
238	373482	3756235	Commercial	9.07E-01	1.69E-03	2.42E-05	1.10E-05	5.38E-05	3.33E-05	6.25E-03	1.89E-05	9.42E-05	2.72E-04	4.65E-04	2.17E-05	6.90E-05	5.91E-06	8.87E-02	2.93E-02	1.33E-04	4.83E-04	4.83E-01
239	373480	3756123	Commercial	7.99E-01	1.28E-03	2.04E-05	1.11E-05	4.45E-05	2.96E-05	5.19E-03	1.86E-05	8.70E-05	2.87E-04	4.85E-04	1.86E-05	6.08E-05	4.79E-06	9.56E-02	2.20E-02	1.39E-04	4.41E-04	3.62E-01
240	373479	3756010	Commercial	7.82E-01	1.19E-03	1.97E-05	1.14E-05	4.26E-05	2.91E-05	4.97E-03	1.89E-05	8.66E-05	2.98E-04	5.01E-04	1.81E-05	5.95E-05	4.54E-06	9.96E-02	2.02E-02	1.44E-04	4.37E-04	3.33E-01
241	373477	3755897	Commercial	9.08E-01	1.37E-03	2.28E-05	1.32E-05	4.94E-05	3.38E-05	5.77E-03	2.20E-05	1.01E-04	3.47E-04	5.84E-04	2.10E-05	6.91E-05	5.26E-06	1.16E-01	2.33E-02	1.67E-04	5.08E-04	3.85E-01
242	373476	3755785	Commercial	1.05E+00	1.55E-03	2.61E-05	1.54E-05	5.64E-05	3.89E-05	6.59E-03	2.56E-05	1.16E-04	4.05E-04	6.82E-04	2.41E-05	7.95E-05	6.00E-06	1.36E-01	2.63E-02	1.95E-04	5.86E-04	4.34E-01
243	373474	3755672	Commercial	1.32E+00	1.74E-03	3.20E-05	2.11E-05	6.81E-05	4.95E-05	7.98E-03	3.45E-05	1.52E-04	5.66E-04	9.46E-04	2.99E-05	1.00E-04	7.12E-06	1.91E-01	2.90E-02	2.71E-04	7.59E-04	4.79E-01
244	373473	3755559	Commercial	1.71E+00	1.92E-03	4.00E-05	2.96E-05	8.34E-05	6.46E-05	9.83E-03	4.80E-05	2.03E-04	8.11E-04	1.35E-03	3.80E-05	1.30E-04	8.55E-06	2.76E-01	3.13E-02	3.88E-04	1.01E-03	5.17E-01
245	373447	3755535	Commercial	1.86E+00	1.99E-03	4.30E-05	3.27E-05	8.92E-05	7.01E-05	1.05E-02	5.29E-05	2.22E-04	9.00E-04	1.50E-03	4.10E-05	1.41E-04	9.08E-06	3.07E-01	3.22E-02	4.30E-04	1.10E-03	5.33E-01
246	373334	3755539	Commercial	2.10E+00	2.15E-03	4.82E-05	3.77E-05	9.95E-05	7.95E-05	1.17E-02	6.08E-05	2.53E-04	1.04E-03	1.73E-03	4.62E-05	1.60E-04	1.01E-05	3.56E-01	3.46E-02	4.97E-04	1.25E-03	5.71E-01
247	373221	3755544	Commercial	2.37E+00	2.33E-03	5.39E-05	4.33E-05	1.11E-04	8.99E-05	1.31E-02	6.97E-05	2.88E-04	1.20E-03	1.99E-03	5.19E-05	1.80E-04	1.12E-05	4.11E-01	3.70E-02	5.73E-04	1.42E-03	6.12E-01
248	373197	3755568	Commercial	2.33E+00	2.33E-03	5.32E-05	4.24E-05	1.10E-04	8.84E-05	1.30E-02	6.82E-05	2.83E-04	1.17E-03	1.95E-03	5.12E-05	1.77E-04	1.11E-05	4.01E-01	3.72E-02	5.60E-04	1.40E-03	6.14E-01
249	373196	3755636	Commercial	2.05E+00	2.22E-03	4.75E-05	3.60E-05	9.88E-05	7.74E-05	1.16E-02	5.82E-05	2.45E-04	9.89E-04	1.64E-03	4.53E-05	1.56E-04	1.01E-05	3.37E-01	3.60E-02	4.72E-04	1.21E-03	5.94E-01
250	373194	3755705	Commercial	1.76E+00	2.10E-03	4.17E-05	2.96E-05	8.76E-05	6.63E-05	1.03E-02	4.82E-05	2.06E-04	8.06E-04	1.34E-03	3.94E-05	1.34E-04	9.05E-06	2.74E-01	3.45E-02	3.86E-04	1.03E-03	5.70E-01
251	373220	3755680	Commercial	1.80E+00	2.10E-03	4.25E-05	3.06E-05	8.91E-05	6.80E-05	1.05E-02	4.98E-05	2.12E-04	8.36E-04	1.39E-03	4.03E-05	1.37E-04	9.17E-06	2.84E-01	3.45E-02	4.00E-04	1.06E-03	5.70E-01
252	373135	3755679	Commercial	2.02E+00	2.25E-03	4.71E-05	3.50E-05	9.82E-05	7.62E-05	1.16E-02	5.67E-05	2.40E-04	9.60E-04	1.60E-03	4.48E-05	1.53E-04	1.00E-05	3.27E-01	3.66E-02	4.59E-04	1.19E-03	6.05E-01
253	373160	3755704	Commercial	1.85E+00	2.16E-03	4.36E-05	3.14E-05	9.14E-05	6.96E-05	1.07E-02	5.10E-05	2.17E-04	8.55E-04	1.42E-03	4.13E-05	1.41E-04	9.41E-06	2.90E-01	3.54E-02	4.09E-04	1.08E-03	5.86E-01

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
254	373158	3755635	Commercial	2.16E+00	2.29E-03	4.98E-05	3.82E-05	1.03E-04	8.15E-05	1.22E-02	6.17E-05	2.58E-04	1.05E-03	1.75E-03	4.76E-05	1.64E-04	1.05E-05	3.58E-01	3.70E-02	5.02E-04	1.28E-03	6.11E-01
255	373156	3755566	Commercial	2.46E+00	2.41E-03	5.59E-05	4.50E-05	1.15E-04	9.33E-05	1.36E-02	7.24E-05	2.99E-04	1.25E-03	2.07E-03	5.38E-05	1.87E-04	1.16E-05	4.27E-01	3.83E-02	5.95E-04	1.48E-03	6.33E-01
256	373132	3755542	Commercial	2.63E+00	2.49E-03	5.94E-05	4.87E-05	1.22E-04	9.99E-05	1.44E-02	7.83E-05	3.21E-04	1.36E-03	2.25E-03	5.74E-05	2.00E-04	1.22E-05	4.64E-01	3.92E-02	6.46E-04	1.59E-03	6.49E-01
257	373055	3755538	Commercial	2.88E+00	2.63E-03	6.45E-05	5.39E-05	1.32E-04	1.09E-04	1.56E-02	8.64E-05	3.53E-04	1.50E-03	2.49E-03	6.25E-05	2.19E-04	1.31E-05	5.15E-01	4.12E-02	7.16E-04	1.74E-03	6.81E-01
258	373079	3755562	Commercial	2.70E+00	2.55E-03	6.10E-05	5.01E-05	1.25E-04	1.03E-04	1.48E-02	8.04E-05	3.30E-04	1.39E-03	2.31E-03	5.89E-05	2.05E-04	1.25E-05	4.77E-01	4.03E-02	6.64E-04	1.63E-03	6.66E-01
259	373077	3755465	Commercial	3.08E+00	2.67E-03	6.84E-05	5.87E-05	1.39E-04	1.17E-04	1.65E-02	9.40E-05	3.81E-04	1.64E-03	2.72E-03	6.66E-05	2.34E-04	1.38E-05	5.64E-01	4.14E-02	7.82E-04	1.88E-03	6.84E-01
260	373075	3755368	Commercial	3.34E+00	2.74E-03	7.35E-05	6.48E-05	1.48E-04	1.27E-04	1.76E-02	1.03E-04	4.16E-04	1.82E-03	3.01E-03	7.19E-05	2.54E-04	1.46E-05	6.25E-01	4.19E-02	8.66E-04	2.05E-03	6.93E-01
261	373073	3755271	Commercial	3.45E+00	2.75E-03	7.55E-05	6.74E-05	1.52E-04	1.32E-04	1.81E-02	1.08E-04	4.31E-04	1.90E-03	3.14E-03	7.40E-05	2.62E-04	1.49E-05	6.52E-01	4.17E-02	9.02E-04	2.12E-03	6.90E-01
262	373071	3755174	Commercial	3.39E+00	2.70E-03	7.42E-05	6.63E-05	1.49E-04	1.29E-04	1.77E-02	1.06E-04	4.24E-04	1.87E-03	3.09E-03	7.28E-05	2.58E-04	1.46E-05	6.41E-01	4.10E-02	8.87E-04	2.08E-03	6.78E-01
263	373046	3755149	Commercial	3.37E+00	2.70E-03	7.38E-05	6.57E-05	1.49E-04	1.28E-04	1.77E-02	1.05E-04	4.21E-04	1.85E-03	3.06E-03	7.23E-05	2.56E-04	1.46E-05	6.35E-01	4.11E-02	8.79E-04	2.07E-03	6.79E-01
264	372939	3755150	Commercial	3.41E+00	2.78E-03	7.49E-05	6.62E-05	1.51E-04	1.30E-04	1.79E-02	1.06E-04	4.25E-04	1.86E-03	3.08E-03	7.33E-05	2.59E-04	1.49E-05	6.39E-01	4.25E-02	8.85E-04	2.09E-03	7.02E-01
265	372832	3755151	Commercial	3.40E+00	2.84E-03	7.50E-05	6.55E-05	1.52E-04	1.30E-04	1.80E-02	1.05E-04	4.23E-04	1.84E-03	3.04E-03	7.33E-05	2.58E-04	1.50E-05	6.31E-01	4.37E-02	8.75E-04	2.08E-03	7.23E-01
266	372725	3755152	Commercial	3.33E+00	2.89E-03	7.41E-05	6.36E-05	1.50E-04	1.27E-04	1.78E-02	1.02E-04	4.13E-04	1.78E-03	2.95E-03	7.21E-05	2.53E-04	1.49E-05	6.10E-01	4.49E-02	8.47E-04	2.03E-03	7.41E-01
267	372623	3755157	Commercial	3.25E+00	2.93E-03	7.26E-05	6.11E-05	1.48E-04	1.23E-04	1.75E-02	9.79E-05	3.99E-04	1.70E-03	2.83E-03	7.05E-05	2.47E-04	1.47E-05	5.84E-01	4.59E-02	8.12E-04	1.97E-03	7.58E-01
268	372527	3755158	Commercial	3.09E+00	2.94E-03	6.98E-05	5.71E-05	1.43E-04	1.17E-04	1.69E-02	9.17E-05	3.77E-04	1.59E-03	2.63E-03	6.74E-05	2.35E-04	1.43E-05	5.43E-01	4.65E-02	7.56E-04	1.86E-03	7.68E-01
269	372431	3755159	Commercial	2.90E+00	2.93E-03	6.62E-05	5.23E-05	1.37E-04	1.10E-04	1.61E-02	8.43E-05	3.50E-04	1.45E-03	2.40E-03	6.36E-05	2.20E-04	1.38E-05	4.94E-01	4.69E-02	6.90E-04	1.73E-03	7.74E-01
270	372334	3755160	Commercial	2.66E+00	2.89E-03	6.17E-05	4.66E-05	1.28E-04	1.00E-04	1.51E-02	7.54E-05	3.17E-04	1.28E-03	2.13E-03	5.88E-05	2.02E-04	1.31E-05	4.36E-01	4.70E-02	6.11E-04	1.57E-03	7.75E-01
271	372237	3755161	Commercial	2.40E+00	2.84E-03	5.67E-05	4.04E-05	1.19E-04	9.02E-05	1.40E-02	6.57E-05	2.81E-04	1.10E-03	1.83E-03	5.36E-05	1.82E-04	1.23E-05	3.73E-01	4.68E-02	5.26E-04	1.40E-03	7.72E-01
272	372139	3755161	Commercial	2.11E+00	2.76E-03	5.12E-05	3.38E-05	1.09E-04	7.92E-05	1.28E-02	5.54E-05	2.43E-04	9.09E-04	1.52E-03	4.79E-05	1.61E-04	1.14E-05	3.07E-01	4.62E-02	4.36E-04	1.22E-03	7.61E-01
273	372040	3755162	Commercial	1.83E+00	2.66E-03	4.55E-05	2.74E-05	9.79E-05	6.82E-05	1.15E-02	4.53E-05	2.05E-04	7.22E-04	1.21E-03	4.20E-05	1.39E-04	1.04E-05	2.42E-01	4.51E-02	3.48E-04	1.03E-03	7.43E-01
274	371941	3755163	Commercial	1.65E+00	2.54E-03	4.16E-05	2.36E-05	9.03E-05	6.11E-05	1.05E-02	3.93E-05	1.81E-04	6.14E-04	1.03E-03	3.82E-05	1.25E-04	9.66E-06	2.05E-01	4.34E-02	2.97E-04	9.15E-04	7.16E-01
275	371843	3755164	Commercial	1.55E+00	2.42E-03	3.93E-05	2.21E-05	8.54E-05	5.76E-05	9.96E-03	3.68E-05	1.70E-04	5.74E-04	9.67E-04	3.60E-05	1.18E-04	9.14E-06	1.91E-01	4.13E-02	2.77E-04	8.61E-04	6.81E-01
276	371748	3755165	Commercial	1.38E+00	2.25E-03	3.54E-05	1.89E-05	7.74E-05	5.11E-05	9.03E-03	3.18E-05	1.49E-04	4.86E-04	8.23E-04	3.23E-05	1.05E-04	8.35E-06	1.62E-01	3.87E-02	2.36E-04	7.58E-04	6.38E-01
277	371653	3755165	Commercial	1.62E+00	2.61E-03	4.14E-05	2.24E-05	9.01E-05	5.99E-05	1.05E-02	3.75E-05	1.75E-04	5.77E-04	9.75E-04	3.77E-05	1.23E-04	9.71E-06	1.92E-01	4.46E-02	2.79E-04	8.90E-04	7.38E-01
278	371558	3755166	Commercial	2.25E+00	3.10E-03	5.51E-05	3.48E-05	1.18E-04	8.40E-05	1.38E-02	5.74E-05	2.55E-04	9.28E-04	1.56E-03	5.13E-05	1.71E-04	1.24E-05	3.13E-01	5.20E-02	4.46E-04	1.28E-03	8.60E-01
279	371463	3755167	Commercial	3.08E+00	3.64E-03	7.27E-05	5.19E-05	1.53E-04	1.16E-04	1.79E-02	8.44E-05	3.61E-04	1.41E-03	2.36E-03	6.88E-05	2.34E-04	1.57E-05	4.80E-01	5.97E-02	6.77E-04	1.80E-03	9.87E-01
280	371359	3755168	Commercial	4.18E+00	4.26E-03	9.57E-05	7.52E-05	1.98E-04	1.58E-04	2.33E-02	1.21E-04	5.04E-04	2.08E-03	3.45E-03	9.18E-05	3.18E-04	2.00E-05	7.10E-01	6.83E-02	9.92E-04	2.49E-03	1.13E+00
281	371256	3755169	Commercial	5.36E+00	4.87E-03	1.20E-04	1.01E-04	2.45E-04	2.04E-04	2.90E-02	1.61E-04	6.58E-04	2.81E-03	4.65E-03	1.16E-04	4.07E-04	2.44E-05	9.61E-01	7.63E-02	1.34E-03	3.25E-03	1.26E+00
282	371152	3755170	Commercial	6.39E+00	5.40E-03	1.41E-04	1.23E-04	2.86E-04	2.43E-04	3.39E-02	1.96E-04	7.93E-04	3.44E-03	5.70E-03	1.38E-04	4.86E-04	2.82E-05	1.18E+00	8.32E-02	1.64E-03	3.90E-03	1.38E+00
283	371049	3755171	Commercial	6.99E+00	5.75E-03	1.54E-04	1.35E-04	3.11E-04	2.67E-04	3.69E-02	2.16E-04	8.71E-04	3.80E-03	6.30E-03	1.51E-04	5.32E-04	3.06E-05	1.31E+00	8.82E-02	1.81E-03	4.28E-03	1.46E+00
284	371024	3755197	Commercial	7.19E+00	5.92E-03	1.58E-04	1.39E-04	3.20E-04	2.74E-04	3.80E-02	2.22E-04	8.95E-04	3.91E-03	6.47E-03	1.55E-04	5.46E-04	3.15E-05	1.34E+00	9.08E-02	1.86E-03	4.40E-03	1.50E+00
285	371028	3755273	Commercial	7.51E+00	6.23E-03	1.66E-04	1.45E-04	3.35E-04	2.86E-04	3.98E-02	2.32E-04	9.35E-04	4.08E-03	6.75E-03	1.62E-04	5.71E-04	3.30E-05	1.40E+00	9.58E-02	1.94E-03	4.60E-03	1.58E+00
286	371031	3755350	Commercial	7.69E+00	6.50E-03	1.70E-04	1.48E-04	3.45E-04	2.93E-04	4.09E-02	2.36E-04	9.54E-04	4.14E-03	6.85E-03	1.66E-04	5.84E-04	3.40E-05	1.42E+00	1.00E-01	1.97E-03	4.69E-03	1.66E+00
287	371020	3755376	Commercial	7.84E+00	6.66E-03	1.74E-04	1.50E-04	3.52E-04	2.99E-04	4.17E-02	2.41E-04	9.73E-04	4.22E-03	6.98E-03	1.69E-04	5.96E-04	3.47E-05	1.45E+00	1.03E-01	2.01E-03	4.79E-03	1.70E+00
288	371018	3755470	Commercial	7.86E+00	6.96E-03	1.75E-04	1.49E-04	3.57E-04	2.99E-04	4.23E-02	2.38E-04	9.70E-04	4.16E-03	6.89E-03	1.70E-04	5.98E-04	3.54E-05	1.43E+00	1.08E-01	1.98E-03	4.78E-03	1.79E+00
289	371017	3755556	Commercial	7.59E+00	7.14E-03	1.71E-04	1.41E-04	3.50E-04	2.88E-04	4.15E-02	2.26E-04	9.28E-04	3.92E-03	6.50E-03	1.65E-04	5.77E-04	3.51E-05	1.34E+00	1.13E-01	1.87E-03	4.58E-03	1.86E+00
290	371040	3755532	Commercial	7.25E+00	6.87E-03	1.64E-04	1.34E-04	3.35E-04	2.75E-04	3.97E-02	2.15E-04	8.85E-04	3.73E-03	6.19E-03	1.58E-04	5.51E-04	3.36E-05	1.28E+00	1.08E-01	1.78E-03	4.37E-03	1.79E+00
291	371026	3755420	Commercial	7.79E+00	6.76E-03	1.73E-04	1.48E-04	3.52E-04	2.97E-04	4.17E-02	2.38E-04	9.64E-04	4.16E-03	6.88E-03	1.69E-04	5.92E-04	3.48E-05	1.43E+00	1.05E-01	1.98E-03	4.74E-03	1.73E+00
292	371016	3755399	Commercial	7.92E+00	6.76E-03	1.75E-04	1.52E-04	3.56E-04	3.01E-04	4.22E-02	2.43E-04	9.82E-04	4.25E-03	7.04E-03	1.71E-04	6.02E-04	3.52E-05	1.46E+00	1.05E-01	2.02E-03	4.83E-03	1.73E+00
293	370916	3755327	Commercial	8.19E+00	6.83E-03	1.81E-04	1.58E-04	3.66E-04	3.12E-04	4.34E-02	2.52E-04	1.02E-03	4.43E-03	7.34E-03	1.76E-04	6.22E-04	3.60E-05	1.52E+00	1.05E-01	2.11E-03	5.01E-03	1.73E+00
294	370816	3755255	Commercial	6.88E+00	6.23E-03	1.54E-04	1.29E-04	3.15E-04	2.62E-04	3.72E-02	2.07E-04	8.46E-04	3.61E-03	5.98E-03	1.49E-04	5.23E-04	3.13E-05	1.24E+00	9.78E-02	1.72E-03	4.17E-03	1.61E+00
385	370885	3757751	Commercial	8.00E+00	9.92E-03	1.91E-04	1.32E-04	4.04E-04	3.00E-04	4.74E-02	2.15E-04	9.29E-04	3.56E-03	5.95E-03	1.80E-04	6.08E-04	4.19E-05	1.21E+00	1.65E-01	1.71E-03	4.64E-03	2.71E+00
386	370907	3757702	Commercial	9.62E+00	1.15E-02	2.28E-04	1.61E-04	4.80E-04	3.62E-04	5.64E-02	2.62E-04	1.13E-03	4.38E-03	7.31E-03	2.15E-04	7.31E-04	4.95E-05	1.49E+00	1.90E-01	2.10E-03	5.61E-03	3.13E+00
387	370945	3757670	Commercial	1.10E+01	1.28E-02	2.59E-04	1.87E-04	5.44E-04	4.14E-04	6.40E-02	3.03E-04	1.29E-03	5.09E-03	8.48E-03	2.45E-04	8.37E-04	5.60E-05	1.73E+00	2.11E-01	2.44E-03	6.44E-03	3.48E+00
388	371046	3757668	Commercial	1.44E+01	1.41E-02	3.27E-04	2.63E-04	6.74E-04	5.46E-04	7.96E-02	4.24E-04	1.75E-03	7.31E-03	1.21E-02	3.15E-04	1.10E-03	6.77E-05	2.50E+00	2.25E-01	3.48E-03	8.65E-03	3.71E+00
389	371046	3757585	Commercial	1.82E+01	1.63E-02	4.07E-04	3.44E-04	8.30E-04	6.93E-04	9.83E-02	5.52E-04	2.25E-03	9.62E-03	1.59E-02	3.95E-04	1.39E-03	8.24E-05	3.30E+00	2.55E-01	4.58E-03	1.11E-02	4.20E+00
390	371122	3757584	Commercial	1.95E+01	1.63E-02	4.30E-04	3.75E-04	8.71E-04	7.42E-04	1.03E-01	6.00E-04	2.42E-03	1.05E-02	1.74E-02	4.20E-04	1.48E-03	8.58E-05	3.61E+00	2.51E-01	5.01E-03	1.19E-02	4.15E+00
399	371970	3757842	Commercial	1.09E+01	8.94E-03	2.40E-04	2.11E-04	4.84E-04	4.15E-04	5.75E-02	3.37E-04	1.36E-03	5.93E-03	9.82E-03	2.34E-04	8.28E-04	4.76E-05	2.04E+00	1.37E-01	2.82E-03	6.67E-03	2.26E+00
400	372023	3757843	Commercial	1.02E+01	8.56E-03	2.26E-04	1.97E-04	4.57E-04	3.89E-04	5.42E-02	3.15E-04	1.27E-03	5.52E-03	9.14E-03	2.20E-04	7.77E-04	4.50E-05	1.90E+00	1.32E-01	2.63E-03	6.25E-03	2.18E+00
401	372020	3757552	Commercial	1.00E+01	8.15E-03	2.21E-04	1.95E-04	4.45E-04	3.83E-04	5.28E-02	3.12E-04	1.25E-03	5.49E-03	9.09E-03	2.16E-04	7.63E-04	4.37E-05	1.89E+00	1.24E-01	2.61E-03	6.16E-03	2.06E+00
402	372002	3757140	Commercial	1.06E+01	1.02E-02	2.40E-04	1.95E-04	4.93E-04	4.03E-04	5.83E-02	3.14E-04	1.29E-03	5.43E-03	9.01E-03	2.32E-04	8.07E-04	4.95E-05	1.86E+00	1.62E-01	2.59E-03	6.38E-03	2.67E+00
403	371514	3757136	Commercial	1.63E+01	1.36E-02	3.60E-04	3.15E-04	7.28E-04	6.22E-04	8.64E-02	5.04E-04	2.03E-03	8.85E-03	1.46E-02	3.52E-04	1.24E-03	7.17E-05	3.04E+00	2.08E-01	4.21E-03	9.98E-03	3.45E+00
404	371035	3757133	Commercial	2.91E+01	2.56E-02	6.49E-04	5.53E-04	1.32E-03	1.11E-03	1.56E-01	8.86E-04	3.60E-03	1.55E-02	2.56E-02	6.31E-04	2.21E-03	1.31E-04	5.31E+00	3.98E-01	7.37E-03	1.77E-02	6.57E+00
405	371034	3757085	Commercial	2.76E+01	2.52E-02	6.19E-04	5.17E-04	1.26E-03	1.05E-03	1.50E-01	8.29E-04	3.39E-03	1.44E-02	2.39E-02	6.00E-04	2.10E-03	1.26E-04	4.94E+00	3.96E-01	6.86E-03	1.67E-02	6.55E+00
406	370764	3757087	Commercial	4.42E+01	3.82E-02	9.81E-04	8.43E-04	1.99E-03	1.68E-03	2.36E-01	1.35E-03	5.47E-03	2.36E-02	3.91E-02	9.55E-04	3.36E-03	1.97E-04	8.09E+00	5.92E-01	1.12E-02	2.69E-02	9.79E+00
407	370754	3756818	Commercial	5.67E+01	5.10E-02	1.27E-03	1.07E-03	2.58E-03	2.16E-03	3.06E-01	1.71E-03	6.98E-03	2.99E-02	4.95E-02	1.23E-03	4.31E-03	2.57E-04	1.02E+01	7.93E-01	1.42E-02	3.44E-02	1.32E+01
408	371031	3756807	Commercial	4.24E+01	3.50E-02	9.34E-04	8.20E-04	1.89E-03	1.62E-03	2.24E-01	1.31E-03	5.28E-03	2.30E-02	3.81E-02	9.13E-04	3.22E-03	1.86E-04	7.91E+00	5.37E-01	1.10E-02	2.60E-02	8.88E+00
409	371033	3756780	Commercial	4.45E+01	3.60E-02	9.77E-04	8.67E-04	1.97E-03	1.70E-03	2.34E-01	1.38E-03	5.56E-03	2.44E-02	4.03E-02	9.57E-04	3.38E-03	1.93E-04	8.37E+00	5.49E-01	1.16E-02	2.73E-02	9.08E+00
410	371483	3756770	Commercial	2.32E+01	1.94E-02	5.12E-04	4.48E-04	1.04E-03	8.85E-04	1.23E-01	7.17E-04	2.89E-03	1.26E-02	2.08E-02	5.01E-04	1.77E-03	1.02E-04	4.32E+00	2.97E-01	5.99E-03	1.42E-02	4.92E+00
411	371817	3756763	Commercial	1.50E+01	1.34E-02	3.36E-04	2.84E-04	6.83E-04	5.72E-04	8.09E-02	4.55E-04	1.85E-03	7.94E-03	1.32E-02	3.26E-04	1.14E-03	6.79E-05	2.72E+00	2.09E-01	3.78E-03	9.13E-03	3.45E+00
412	372274	3756753	Commercial	8.94E+00	8.80E-03	2.03E-04	1.63E-04	4.18E-04	3.39E-04	4.94E-02	2.62E-04	1.08E-03	4.52E-03	7.51E-03	1.96E-04	6.79E-04	4.21E-05	1.55E+00	1.40E-01	2.16E-03	5.36E-03	2.32E+00
413	372713	3756743	Commercial	5.84E+00	6.31E-03	1.35E-04	1.03E-04	2.81E-04	2.20E-04	3.32E-02	1.66E-04	6.97E-04	2.82E-03	4.69E-03	1.29E-04	4.44E-04	2.87E-05	9.61E-01	1.02E-01	1.35E-03	3.46E-03	1.69E+00
414	372703	3756553	Commercial	3.32E+00	4.70E-03	8.20E-05	5.06E-05	1.76E-04	1.24E-04	2.06E-02	8.35E-05	3.74E-04	1.34E-03	2.25E-03	7.60E-05	2.52E-04	1.86E-05	4.51E-01	7.94E-02	6.45E-04	1.88E-03	1.31E+00
415	372819	3756549	Commercial	3.12E+00	4.39E-03	7.69E-05	4.78E-05	1.65E-04	1.17E-04	1.93E-02	7.88E-05	3.52E-04	1.27E-03	2.13E-03	7.13E-05	2.37E-04	1.74E-05	4.26E-01	7.40E-02	6.10E-04	1.77E-03	1.22E+00
416	372814	3756455	Commercial	2.18E+00	3.63E-03	5.63E-05	2.95E-05	1.23E-04	8.07E-05	1.44E-02	4.96E-05	2.35E-04	7.54E-04	1.28E-03	5.11E-05	1.66E-04	1.33E-05	2.50E-01	6.24E-02	3.65E-04	1.19E-03	1.03E+00
417	372797	3756368	Commercial	1.56E+00	3.02E-03	4.22E-05	1.80E-05	9.43E-05	5.70E-05	1.09E-02	3.12E-05	1.59E-04	4.35E-04	7.48E-04	3.75E-05	1.18E-04	1.04E-05	1.41E-01	5.28E-02	2.14E-04	8.18E-04	8.71E-01

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
418	372705	3756372	Commercial	1.65E+00	3.20E-03	4.46E-05	1.90E-05	9.96E-05	6.02E-05	1.16E-02	3.29E-05	1.68E-04	4.60E-04	7.90E-04	3.96E-05	1.25E-04	1.10E-05	1.49E-01	5.58E-02	2.26E-04	8.64E-04	9.21E-01
419	372706	3756327	Commercial	1.49E+00	2.85E-03	4.02E-05	1.76E-05	8.96E-05	5.47E-05	1.04E-02	3.04E-05	1.53E-04	4.29E-04	7.36E-04	3.58E-05	1.14E-04	9.88E-06	1.40E-01	4.97E-02	2.10E-04	7.88E-04	8.19E-01
420	372927	3756319	Commercial	1.33E+00	2.53E-03	3.58E-05	1.58E-05	7.98E-05	4.88E-05	9.26E-03	2.72E-05	1.37E-04	3.85E-04	6.59E-04	3.19E-05	1.01E-04	8.79E-06	1.25E-01	4.41E-02	1.88E-04	7.03E-04	7.27E-01
421	372926	3756245	Commercial	1.17E+00	2.11E-03	3.10E-05	1.47E-05	6.86E-05	4.31E-05	7.97E-03	2.50E-05	1.23E-04	3.65E-04	6.22E-04	2.78E-05	8.91E-05	7.50E-06	1.20E-01	3.67E-02	1.78E-04	6.27E-04	6.05E-01
422	373457	3756236	Commercial	9.16E-01	1.70E-03	2.44E-05	1.11E-05	5.43E-05	3.36E-05	6.31E-03	1.91E-05	9.50E-05	2.74E-04	4.68E-04	2.19E-05	6.97E-05	5.97E-06	8.95E-02	2.96E-02	1.34E-04	4.87E-04	4.88E-01
423	373448	3755560	Commercial	1.76E+00	1.95E-03	4.10E-05	3.06E-05	8.55E-05	6.64E-05	1.01E-02	4.95E-05	2.09E-04	8.39E-04	1.40E-03	3.90E-05	1.34E-04	8.74E-06	2.86E-01	3.17E-02	4.01E-04	1.04E-03	5.25E-01
424	373222	3755569	Commercial	2.26E+00	2.29E-03	5.18E-05	4.09E-05	1.07E-04	8.58E-05	1.26E-02	6.59E-05	2.74E-04	1.13E-03	1.88E-03	4.97E-05	1.72E-04	1.08E-05	3.87E-01	3.66E-02	5.40E-04	1.35E-03	6.05E-01
425	373219	3755705	Commercial	1.70E+00	2.05E-03	4.04E-05	2.84E-05	8.50E-05	6.40E-05	9.99E-03	4.63E-05	1.99E-04	7.72E-04	1.29E-03	3.81E-05	1.29E-04	8.80E-06	2.62E-01	3.39E-02	3.69E-04	9.91E-04	5.60E-01
426	373135	3755704	Commercial	1.91E+00	2.20E-03	4.49E-05	3.26E-05	9.40E-05	7.19E-05	1.11E-02	5.29E-05	2.25E-04	8.89E-04	1.48E-03	4.25E-05	1.45E-04	9.66E-06	3.02E-01	3.61E-02	4.25E-04	1.12E-03	5.96E-01
427	373131	3755567	Commercial	2.53E+00	2.45E-03	5.73E-05	4.64E-05	1.18E-04	9.59E-05	1.39E-02	7.46E-05	3.08E-04	1.29E-03	2.14E-03	5.53E-05	1.92E-04	1.18E-05	4.41E-01	3.89E-02	6.14E-04	1.52E-03	6.43E-01
428	373054	3755563	Commercial	2.78E+00	2.60E-03	6.25E-05	5.16E-05	1.28E-04	1.05E-04	1.51E-02	8.29E-05	3.40E-04	1.44E-03	2.38E-03	6.05E-05	2.11E-04	1.28E-05	4.92E-01	4.09E-02	6.85E-04	1.68E-03	6.76E-01
429	373046	3755174	Commercial	3.41E+00	2.72E-03	7.47E-05	6.67E-05	1.51E-04	1.30E-04	1.79E-02	1.06E-04	4.27E-04	1.88E-03	3.11E-03	7.32E-05	2.59E-04	1.47E-05	6.45E-01	4.14E-02	8.93E-04	2.10E-03	6.84E-01
430	372725	3755177	Commercial	3.46E+00	2.95E-03	7.65E-05	6.62E-05	1.55E-04	1.32E-04	1.84E-02	1.06E-04	4.29E-04	1.86E-03	3.07E-03	7.46E-05	2.63E-04	1.53E-05	6.37E-01	4.56E-02	8.83E-04	2.11E-03	7.53E-01
431	372624	3755182	Commercial	3.38E+00	2.99E-03	7.54E-05	6.41E-05	1.54E-04	1.29E-04	1.82E-02	1.03E-04	4.18E-04	1.79E-03	2.97E-03	7.33E-05	2.57E-04	1.52E-05	6.14E-01	4.67E-02	8.53E-04	2.06E-03	7.71E-01
432	372238	3755186	Commercial	2.57E+00	2.94E-03	6.04E-05	4.41E-05	1.26E-04	9.70E-05	1.49E-02	7.16E-05	3.04E-04	1.21E-03	2.01E-03	5.73E-05	1.96E-04	1.30E-05	4.10E-01	4.81E-02	5.77E-04	1.51E-03	7.94E-01
433	371843	3755189	Commercial	1.63E+00	2.53E-03	4.13E-05	2.34E-05	8.98E-05	6.07E-05	1.05E-02	3.90E-05	1.80E-04	6.09E-04	1.03E-03	3.79E-05	1.24E-04	9.60E-06	2.03E-01	4.32E-02	2.94E-04	9.09E-04	7.12E-01
434	371463	3755192	Commercial	2.96E+00	3.61E-03	7.04E-05	4.91E-05	1.48E-04	1.11E-04	1.74E-02	8.01E-05	3.45E-04	1.33E-03	2.22E-03	6.64E-05	2.25E-04	1.54E-05	4.52E-01	5.95E-02	6.39E-04	1.72E-03	9.84E-01
435	371049	3755196	Commercial	7.10E+00	5.85E-03	1.56E-04	1.38E-04	3.16E-04	2.71E-04	3.75E-02	2.20E-04	8.85E-04	3.86E-03	6.39E-03	1.53E-04	5.40E-04	3.11E-05	1.33E+00	8.98E-02	1.84E-03	4.35E-03	1.48E+00
436	371056	3755349	Commercial	7.41E+00	6.35E-03	1.64E-04	1.42E-04	3.33E-04	2.82E-04	3.95E-02	2.27E-04	9.18E-04	3.97E-03	6.58E-03	1.60E-04	5.63E-04	3.29E-05	1.36E+00	9.83E-02	1.89E-03	4.52E-03	1.62E+00
437	371043	3755384	Commercial	7.57E+00	6.54E-03	1.68E-04	1.44E-04	3.41E-04	2.88E-04	4.04E-02	2.31E-04	9.37E-04	4.05E-03	6.70E-03	1.64E-04	5.75E-04	3.38E-05	1.39E+00	1.01E-01	1.93E-03	4.61E-03	1.67E+00
438	371042	3755556	Commercial	7.07E+00	6.86E-03	1.60E-04	1.30E-04	3.30E-04	2.68E-04	3.89E-02	2.09E-04	8.60E-04	3.60E-03	5.98E-03	1.55E-04	5.37E-04	3.31E-05	1.23E+00	1.09E-01	1.72E-03	4.25E-03	1.80E+00
439	370996	3755560	Commercial	8.01E+00	7.38E-03	1.80E-04	1.50E-04	3.68E-04	3.04E-04	4.35E-02	2.40E-04	9.83E-04	4.17E-03	6.92E-03	1.74E-04	6.09E-04	3.67E-05	1.43E+00	1.16E-01	1.99E-03	4.85E-03	1.92E+00
440	371001	3755419	Commercial	8.11E+00	6.93E-03	1.80E-04	1.55E-04	3.65E-04	3.09E-04	4.32E-02	2.49E-04	1.01E-03	4.35E-03	7.21E-03	1.75E-04	6.17E-04	3.60E-05	1.49E+00	1.07E-01	2.07E-03	4.95E-03	1.77E+00
441	370801	3755276	Commercial	6.97E+00	6.35E-03	1.56E-04	1.31E-04	3.19E-04	2.65E-04	3.78E-02	2.10E-04	8.56E-04	3.65E-03	6.05E-03	1.51E-04	5.30E-04	3.18E-05	1.25E+00	9.97E-02	1.74E-03	4.22E-03	1.65E+00
1	372249	3757612	Residence	8.93E+00	7.11E-03	1.95E-04	1.74E-04	3.94E-04	3.41E-04	4.68E-02	2.78E-04	1.12E-03	4.91E-03	8.12E-03	1.92E-04	6.78E-04	3.86E-05	1.69E+00	1.08E-01	2.34E-03	5.48E-03	1.79E+00
2	372499	3757612	Residence	7.74E+00	6.21E-03	1.70E-04	1.51E-04	3.42E-04	2.95E-04	4.06E-02	2.41E-04	9.68E-04	4.25E-03	7.03E-03	1.66E-04	5.88E-04	3.35E-05	1.46E+00	9.46E-02	2.02E-03	4.75E-03	1.56E+00
3	372249	3757862	Residence	7.28E+00	6.93E-03	1.64E-04	1.34E-04	3.37E-04	2.76E-04	3.99E-02	2.16E-04	8.88E-04	3.74E-03	6.20E-03	1.59E-04	5.53E-04	3.38E-05	1.28E+00	1.10E-01	1.78E-03	4.38E-03	1.81E+00
4	372499	3757862	Residence	6.75E+00	5.65E-03	1.49E-04	1.30E-04	3.02E-04	2.57E-04	3.58E-02	2.08E-04	8.39E-04	3.65E-03	6.04E-03	1.45E-04	5.13E-04	2.97E-05	1.25E+00	8.69E-02	1.74E-03	4.13E-03	1.44E+00
5	372249	3758112	Residence	9.07E+00	7.25E-03	1.99E-04	1.77E-04	4.01E-04	3.46E-04	4.76E-02	2.83E-04	1.13E-03	4.99E-03	8.25E-03	1.95E-04	6.89E-04	3.92E-05	1.71E+00	1.10E-01	2.37E-03	5.57E-03	1.82E+00
6	372499	3758112	Residence	7.00E+00	6.12E-03	1.56E-04	1.33E-04	3.16E-04	2.66E-04	3.75E-02	2.13E-04	8.65E-04	3.72E-03	6.17E-03	1.51E-04	5.32E-04	3.14E-05	1.28E+00	9.50E-02	1.77E-03	4.26E-03	1.57E+00
7	372249	3758362	Residence	7.43E+00	6.34E-03	1.65E-04	1.42E-04	3.34E-04	2.83E-04	3.96E-02	2.28E-04	9.22E-04	3.99E-03	6.61E-03	1.60E-04	5.65E-04	3.30E-05	1.37E+00	9.81E-02	1.90E-03	4.53E-03	1.62E+00
8	372499	3758362	Residence	7.66E+00	6.09E-03	1.68E-04	1.50E-04	3.38E-04	2.92E-04	4.01E-02	2.39E-04	9.59E-04	4.22E-03	6.98E-03	1.64E-04	5.82E-04	3.31E-05	1.45E+00	9.26E-02	2.01E-03	4.71E-03	1.53E+00
9	373793	3755335	Residence	1.81E+00	1.80E-03	4.12E-05	3.28E-05	8.49E-05	6.85E-05	1.00E-02	5.28E-05	2.19E-04	9.08E-04	1.51E-03	3.96E-05	1.37E-04	8.56E-06	3.10E-01	2.88E-02	4.33E-04	1.08E-03	4.76E-01
10	374093	3755335	Residence	1.32E+00	1.50E-03	3.10E-05	2.28E-05	6.47E-05	4.99E-05	7.62E-03	3.70E-05	1.57E-04	6.24E-04	1.04E-03	2.94E-05	1.01E-04	6.64E-06	2.12E-01	2.44E-02	2.98E-04	7.79E-04	4.04E-01
11	373793	3755710	Residence	8.98E-01	1.33E-03	2.24E-05	1.33E-05	4.84E-05	3.34E-05	5.66E-03	2.20E-05	1.00E-04	3.49E-04	5.87E-04	2.07E-05	6.83E-05	5.15E-06	1.17E-01	2.26E-02	1.68E-04	5.04E-04	3.72E-01
12	374093	3755710	Residence	7.27E-01	1.08E-03	1.82E-05	1.07E-05	3.93E-05	2.71E-05	4.59E-03	1.78E-05	8.09E-05	2.82E-04	4.74E-04	1.68E-05	5.53E-05	4.18E-06	9.44E-02	1.83E-02	1.36E-04	4.08E-04	3.03E-01
13	373793	3756085	Residence	6.94E-01	1.09E-03	1.76E-05	9.83E-06	3.83E-05	2.58E-05	4.47E-03	1.64E-05	7.60E-05	2.55E-04	4.30E-04	1.61E-05	5.28E-05	4.11E-06	8.50E-02	1.86E-02	1.23E-04	3.85E-04	3.07E-01
14	374093	3756085	Residence	6.16E-01	1.00E-03	1.58E-05	8.46E-06	3.45E-05	2.28E-05	4.02E-03	1.42E-05	6.67E-05	2.18E-04	3.68E-04	1.44E-05	4.68E-05	3.72E-06	7.23E-02	1.72E-02	1.05E-04	3.38E-04	2.84E-01
15	373793	3756460	Residence	1.69E+00	2.34E-03	4.15E-05	2.61E-05	8.88E-05	6.31E-05	1.04E-02	4.30E-05	1.91E-04	6.94E-04	1.16E-03	3.85E-05	1.28E-04	9.35E-06	2.34E-01	3.94E-02	3.34E-04	9.60E-04	6.50E-01
16	374093	3756460	Residence	1.59E+00	2.10E-03	3.85E-05	2.52E-05	8.20E-05	5.94E-05	9.61E-03	4.13E-05	1.82E-04	6.75E-04	1.13E-03	3.60E-05	1.21E-04	8.58E-06	2.28E-01	3.51E-02	3.24E-04	9.09E-04	5.79E-01
17	373793	3756835	Residence	3.50E+00	3.81E-03	8.12E-05	6.13E-05	1.69E-04	1.32E-04	1.99E-02	9.91E-05	4.17E-04	1.68E-03	2.80E-03	7.75E-05	2.66E-04	1.72E-05	5.73E-01	6.19E-02	8.04E-04	2.07E-03	1.02E+00
18	374093	3756835	Residence	2.90E+00	3.29E-03	6.80E-05	5.00E-05	1.42E-04	1.09E-04	1.67E-02	8.11E-05	3.44E-04	1.37E-03	2.28E-03	6.46E-05	2.21E-04	1.46E-05	4.65E-01	5.37E-02	6.54E-04	1.71E-03	8.87E-01
19	373793	3757210	Residence	5.98E+00	4.72E-03	1.31E-04	1.17E-04	2.63E-04	2.28E-04	3.13E-02	1.87E-04	7.49E-04	3.30E-03	5.46E-03	1.28E-04	4.54E-04	2.58E-05	1.13E+00	7.17E-02	1.57E-03	3.68E-03	1.18E+00
20	374093	3757210	Residence	5.26E+00	4.20E-03	1.15E-04	1.03E-04	2.32E-04	2.01E-04	2.76E-02	1.64E-04	6.57E-04	2.89E-03	4.78E-03	1.13E-04	3.99E-04	2.27E-05	9.92E-01	6.40E-02	1.37E-03	3.23E-03	1.06E+00
21	373793	3757585	Residence	4.12E+00	3.96E-03	9.33E-05	7.58E-05	1.91E-04	1.56E-04	2.26E-02	1.22E-04	5.02E-04	2.11E-03	3.50E-03	9.00E-05	3.13E-04	1.92E-05	7.21E-01	6.28E-02	1.00E-03	2.48E-03	1.04E+00
22	374093	3757585	Residence	4.21E+00	3.77E-03	9.40E-05	7.93E-05	1.92E-04	1.60E-04	2.27E-02	1.27E-04	5.18E-04	2.22E-03	3.67E-03	9.13E-05	3.20E-04	1.90E-05	7.59E-01	5.89E-02	1.06E-03	2.55E-03	9.74E-01
23	373793	3757960	Residence	3.58E+00	3.19E-03	7.99E-05	6.77E-05	1.63E-04	1.36E-04	1.93E-02	1.08E-04	4.41E-04	1.89E-03	3.13E-03	7.76E-05	2.72E-04	1.62E-05	6.48E-01	4.98E-02	9.00E-04	2.17E-03	8.23E-01
24	374093	3757960	Residence	2.75E+00	2.70E-03	6.25E-05	5.02E-05	1.29E-04	1.04E-04	1.52E-02	8.08E-05	3.34E-04	1.39E-03	2.31E-03	6.02E-05	2.09E-04	1.29E-05	4.76E-01	4.30E-02	6.64E-04	1.65E-03	7.10E-01
25	373793	3758335	Residence	4.17E+00	3.29E-03	9.12E-05	8.17E-05	1.84E-04	1.59E-04	2.18E-02	1.30E-04	5.22E-04	2.30E-03	3.81E-03	8.94E-05	3.17E-04	1.80E-05	7.91E-01	5.00E-02	1.09E-03	2.56E-03	8.26E-01
26	374093	3758335	Residence	3.76E+00	2.99E-03	8.24E-05	7.36E-05	1.66E-04	1.44E-04	1.97E-02	1.17E-04	4.71E-04	2.07E-03	3.43E-03	8.08E-05	2.86E-04	1.63E-05	7.12E-01	4.55E-02	9.85E-04	2.31E-03	7.52E-01
27	373793	3758710	Residence	3.02E+00	2.94E-03	6.85E-05	5.52E-05	1.41E-04	1.14E-04	1.66E-02	8.89E-05	3.67E-04	1.53E-03	2.54E-03	6.60E-05	2.29E-04	1.42E-05	5.24E-01	4.68E-02	7.31E-04	1.81E-03	7.73E-01
28	374093	3758710	Residence	3.22E+00	2.72E-03	7.12E-05	6.19E-05	1.44E-04	1.23E-04	1.71E-02	9.90E-05	4.00E-04	1.74E-03	2.87E-03	6.95E-05	2.45E-04	1.42E-05	5.96E-01	4.19E-02	8.26E-04	1.97E-03	6.92E-01
30	367278	3755614	Residence	8.08E+00	7.25E-03	1.81E-04	1.52E-04	3.68E-04	3.07E-04	4.36E-02	2.44E-04	9.95E-04	4.25E-03	7.05E-03	1.75E-04	6.14E-04	3.66E-05	1.46E+00	1.13E-01	2.03E-03	4.90E-03	1.87E+00
31	367231	3755722	Residence	9.60E+00	7.77E-03	2.11E-04	1.87E-04	4.25E-04	3.66E-04	5.05E-02	2.98E-04	1.20E-03	5.25E-03	8.70E-03	2.06E-04	7.30E-04	4.17E-05	1.81E+00	1.19E-01	2.50E-03	5.89E-03	1.96E+00
32	367185	3755830	Residence	1.00E+01	7.91E-03	2.19E-04	1.96E-04	4.41E-04	3.82E-04	5.24E-02	3.13E-04	1.25E-03	5.53E-03	9.14E-03	2.15E-04	7.61E-04	4.31E-05	1.90E+00	1.20E-01	2.63E-03	6.16E-03	1.98E+00
33	367138	3755938	Residence	9.94E+00	8.28E-03	2.19E-04	1.92E-04	4.44E-04	3.79E-04	5.26E-02	3.07E-04	1.24E-03	5.38E-03	8.91E-03	2.14E-04	7.56E-04	4.37E-05	1.85E+00	1.27E-01	2.56E-03	6.08E-03	2.10E+00
34	367091	3756047	Residence	1.09E+01	8.54E-03	2.37E-04	2.13E-04	4.77E-04	4.14E-04	5.67E-02	3.40E-04	1.36E-03	6.00E-03	9.92E-03	2.33E-04	8.25E-04	4.67E-05	2.06E+00	1.29E-01	2.85E-03	6.68E-03	2.14E+00
35	367048	3756147	Residence	1.04E+01	8.34E-03	2.28E-04	2.03E-04	4.60E-04	3.97E-04	5.46E-02	3.24E-04	1.30E-03	5.72E-03	9.46E-03	2.24E-04	7.91E-04	4.51E-05	1.97E+00	1.27E-01	2.72E-03	6.39E-03	2.10E+00
36	367005	3756247	Residence	8.91E+00	7.74E-03	1.98E-04	1.70E-04	4.02E-04	3.39E-04	4.77E-02	2.72E-04	1.10E-03	4.75E-03	7.87E-03	1.93E-04	6.77E-04	3.98E-05	1.63E+00	1.20E-01	2.26E-03	5.43E-03	1.98E+00
37	366962	3756348	Residence	9.97E+00	8.06E-03	2.19E-04	1.94E-04	4.41E-04	3.80E-04	5.24E-02	3.10E-04	1.24E-03	5.45E-03	9.03E-03	2.14E-04	7.57E-04	4.33E-05	1.87E+00	1.23E-01	2.59E-03	6.11E-03	2.03E+00
38	366918	3756450	Residence	1.03E+01	8.09E-03	2.25E-04	2.02E-04	4.53E-04	3.93E-04	5.38E-02	3.23E-04	1.29E-03	5.70E-03	9.43E-03	2.21E-04	7.83E-04	4.43E-05	1.96E+00	1.23E-01	2.71E-03	6.34E-03	2.03E+00
39	366874	3756551	Residence	9.61E+00	7.79E-03	2.11E-04	1.87E-04	4.26E-04	3.66E-04	5.05E-02	2.98E-04	1.20E-03	5.25E-03	8.69E-03	2.06E-04	7.30E-04	4.18E-05	1.80E+00	1.19E-01	2.50E-03	5.89E-03	1.97E+00
40	366830	3756653	Residence	8.85E+00	7.32E-03	1.95E-04	1.71E-04	3.94E-04	3.37E-04	4.68E-02	2.74E-04	1.10E-03	4.81E-03	7.96E-03	1.91E-04	6.73E-04	3.88E-05	1.65E+00	1.12E-01	2.29E-03	5.42E-03	1.86E+00
41	366840	3756685	Residence	9.23E+00	7.48E-03	2.03E-04	1.80E-04	4.09E-04	3.52E-04	4.86E-02	2.87E-04	1.15E-03	5.05E-03	8.35E-03	1.98E-04	7.02E-04	4.02E-05	1.73E+00	1.14E-01	2.40E-03	5.66E-03	1.89E+00
42	366890	3756714	Residence	9.66E+00	7.71E-03	2.12E-04	1.89E-04	4.26E-04	3.69E-04	5.06E-02	3.01E-04	1.21E-03	5.31E-03	8.79E-03	2.07E-04	7.34E-04	4.18E-05	1.83E+00	1.17E-01	2.53E-03	5.93E-03	1.94E+00
43	366879	3756683	Residence	9.37E+00	7.60E-03	2.06E-04	1.82E-04	4.15E-04	3.57E-04	4.93E-02	2.91E-04	1.17E-03	5.13E-03	8.48E-03	2.02E-04	7.12E-04	4.08E-05	1.76E+00	1.16E-01	2.44E-03	5.75E-03	1.92E+00

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
44	366852	3756751	Residence	9.70E+00	7.65E-03	2.12E-04	1.90E-04	4.27E-04	3.70E-04	5.07E-02	3.03E-04	1.22E-03	5.36E-03	8.86E-03	2.08E-04	7.37E-04	4.18E-05	1.84E+00	1.16E-01	2.55E-03	5.97E-03	1.92E+00
45	366884	3756737	Residence	9.77E+00	7.74E-03	2.14E-04	1.91E-04	4.30E-04	3.73E-04	5.11E-02	3.05E-04	1.22E-03	5.39E-03	8.91E-03	2.10E-04	7.43E-04	4.21E-05	1.85E+00	1.17E-01	2.56E-03	6.01E-03	1.94E+00
46	366821	3756715	Residence	9.39E+00	7.50E-03	2.06E-04	1.83E-04	4.14E-04	3.58E-04	4.92E-02	2.93E-04	1.17E-03	5.16E-03	8.54E-03	2.01E-04	7.13E-04	4.06E-05	1.77E+00	1.14E-01	2.45E-03	5.76E-03	1.89E+00
47	366790	3756728	Residence	9.34E+00	7.43E-03	2.04E-04	1.83E-04	4.12E-04	3.57E-04	4.89E-02	2.92E-04	1.17E-03	5.14E-03	8.51E-03	2.01E-04	7.10E-04	4.03E-05	1.77E+00	1.13E-01	2.45E-03	5.74E-03	1.87E+00
48	366745	3756823	Residence	9.32E+00	7.33E-03	2.04E-04	1.83E-04	4.10E-04	3.56E-04	4.87E-02	2.92E-04	1.17E-03	5.15E-03	8.52E-03	2.00E-04	7.09E-04	4.01E-05	1.77E+00	1.11E-01	2.45E-03	5.74E-03	1.84E+00
49	366700	3756919	Residence	8.63E+00	7.01E-03	1.90E-04	1.68E-04	3.83E-04	3.29E-04	4.54E-02	2.68E-04	1.08E-03	4.71E-03	7.80E-03	1.86E-04	6.56E-04	3.76E-05	1.62E+00	1.07E-01	2.24E-03	5.29E-03	1.77E+00
50	366655	3757014	Residence	7.44E+00	6.52E-03	1.66E-04	1.41E-04	3.37E-04	2.83E-04	3.99E-02	2.26E-04	9.20E-04	3.96E-03	6.56E-03	1.61E-04	5.66E-04	3.34E-05	1.36E+00	1.01E-01	1.88E-03	4.53E-03	1.67E+00
51	366608	3757113	Residence	5.99E+00	5.86E-03	1.36E-04	1.09E-04	2.80E-04	2.27E-04	3.30E-02	1.76E-04	7.27E-04	3.04E-03	5.04E-03	1.31E-04	4.55E-04	2.81E-05	1.04E+00	9.32E-02	1.45E-03	3.59E-03	1.54E+00
52	366561	3757212	Residence	4.57E+00	5.16E-03	1.07E-04	7.86E-05	2.23E-04	1.72E-04	2.63E-02	1.28E-04	5.41E-04	2.15E-03	3.58E-03	1.02E-04	3.47E-04	2.29E-05	7.32E-01	8.43E-02	1.03E-03	2.69E-03	1.39E+00
53	366514	3757311	Residence	4.43E+00	4.64E-03	1.02E-04	7.89E-05	2.11E-04	1.68E-04	2.49E-02	1.27E-04	5.32E-04	2.18E-03	3.62E-03	9.76E-05	3.37E-04	2.14E-05	7.42E-01	7.48E-02	1.04E-03	2.64E-03	1.23E+00
54	366464	3757416	Residence	5.03E+00	4.50E-03	1.12E-04	9.48E-05	2.29E-04	1.91E-04	2.71E-02	1.52E-04	6.19E-04	2.65E-03	4.39E-03	1.09E-04	3.82E-04	2.27E-05	9.08E-01	7.04E-02	1.26E-03	3.05E-03	1.16E+00
55	366415	3757520	Residence	5.56E+00	4.63E-03	1.23E-04	1.07E-04	2.48E-04	2.12E-04	2.94E-02	1.72E-04	6.92E-04	3.01E-03	4.99E-03	1.20E-04	4.23E-04	2.44E-05	1.03E+00	7.12E-02	1.43E-03	3.40E-03	1.18E+00
56	366434	3757556	Residence	5.80E+00	4.72E-03	1.28E-04	1.13E-04	2.58E-04	2.21E-04	3.06E-02	1.80E-04	7.24E-04	3.17E-03	5.25E-03	1.25E-04	4.41E-04	2.53E-05	1.09E+00	7.22E-02	1.51E-03	3.56E-03	1.19E+00
57	366484	3757562	Residence	5.99E+00	4.83E-03	1.31E-04	1.17E-04	2.65E-04	2.29E-04	3.15E-02	1.86E-04	7.49E-04	3.28E-03	5.43E-03	1.29E-04	4.55E-04	2.60E-05	1.13E+00	7.37E-02	1.56E-03	3.68E-03	1.22E+00
58	366567	3757525	Residence	6.12E+00	4.97E-03	1.34E-04	1.19E-04	2.71E-04	2.33E-04	3.22E-02	1.90E-04	7.63E-04	3.34E-03	5.53E-03	1.32E-04	4.65E-04	2.66E-05	1.15E+00	7.59E-02	1.59E-03	3.75E-03	1.25E+00
59	366621	3757539	Residence	6.36E+00	5.10E-03	1.39E-04	1.24E-04	2.81E-04	2.43E-04	3.34E-02	1.98E-04	7.95E-04	3.49E-03	5.77E-03	1.37E-04	4.83E-04	2.76E-05	1.20E+00	7.78E-02	1.66E-03	3.90E-03	1.28E+00
60	366646	3757556	Residence	6.50E+00	5.18E-03	1.42E-04	1.27E-04	2.87E-04	2.48E-04	3.40E-02	2.03E-04	8.13E-04	3.58E-03	5.92E-03	1.40E-04	4.94E-04	2.81E-05	1.23E+00	7.87E-02	1.70E-03	3.99E-03	1.30E+00
61	366713	3757550	Residence	6.70E+00	5.32E-03	1.47E-04	1.31E-04	2.95E-04	2.56E-04	3.51E-02	2.09E-04	8.39E-04	3.69E-03	6.11E-03	1.44E-04	5.09E-04	2.89E-05	1.27E+00	8.08E-02	1.76E-03	4.12E-03	1.34E+00
62	366779	3757545	Residence	6.90E+00	5.46E-03	1.51E-04	1.35E-04	3.04E-04	2.63E-04	3.61E-02	2.16E-04	8.65E-04	3.81E-03	6.30E-03	1.48E-04	5.25E-04	2.98E-05	1.31E+00	8.30E-02	1.81E-03	4.24E-03	1.37E+00
63	366839	3757583	Residence	7.09E+00	5.58E-03	1.55E-04	1.39E-04	3.12E-04	2.71E-04	3.71E-02	2.22E-04	8.89E-04	3.92E-03	6.48E-03	1.52E-04	5.39E-04	3.05E-05	1.35E+00	8.47E-02	1.86E-03	4.36E-03	1.40E+00
64	366913	3757623	Residence	7.15E+00	5.68E-03	1.56E-04	1.40E-04	3.15E-04	2.73E-04	3.74E-02	2.23E-04	8.95E-04	3.94E-03	6.51E-03	1.53E-04	5.43E-04	3.09E-05	1.35E+00	8.64E-02	1.87E-03	4.39E-03	1.43E+00
65	366986	3757664	Residence	7.00E+00	5.71E-03	1.54E-04	1.36E-04	3.11E-04	2.67E-04	3.69E-02	2.17E-04	8.73E-04	3.82E-03	6.32E-03	1.50E-04	5.32E-04	3.05E-05	1.31E+00	8.73E-02	1.82E-03	4.29E-03	1.44E+00
66	367074	3757713	Residence	6.56E+00	5.64E-03	1.45E-04	1.25E-04	2.95E-04	2.50E-04	3.50E-02	2.00E-04	8.12E-04	3.51E-03	5.81E-03	1.42E-04	4.98E-04	2.92E-05	1.20E+00	8.73E-02	1.67E-03	4.00E-03	1.44E+00
67	367162	3757761	Residence	5.88E+00	5.48E-03	1.32E-04	1.09E-04	2.71E-04	2.23E-04	3.20E-02	1.76E-04	7.20E-04	3.05E-03	5.06E-03	1.28E-04	4.47E-04	2.71E-05	1.04E+00	8.63E-02	1.45E-03	3.55E-03	1.43E+00
68	367300	3757718	Residence	6.20E+00	5.81E-03	1.40E-04	1.15E-04	2.86E-04	2.35E-04	3.38E-02	1.85E-04	7.58E-04	3.20E-03	5.32E-03	1.35E-04	4.71E-04	2.86E-05	1.10E+00	9.16E-02	1.53E-03	3.74E-03	1.51E+00
69	367385	3757734	Residence	5.76E+00	5.73E-03	1.31E-04	1.05E-04	2.71E-04	2.18E-04	3.20E-02	1.69E-04	6.98E-04	2.90E-03	4.82E-03	1.26E-04	4.38E-04	2.73E-05	9.91E-01	9.15E-02	1.38E-03	3.45E-03	1.51E+00
70	367398	3757758	Residence	5.38E+00	5.58E-03	1.24E-04	9.61E-05	2.56E-04	2.03E-04	3.02E-02	1.55E-04	6.47E-04	2.65E-03	4.41E-03	1.18E-04	4.09E-04	2.59E-05	9.05E-01	8.97E-02	1.27E-03	3.20E-03	1.48E+00
71	367506	3757818	Residence	4.14E+00	5.10E-03	9.88E-05	6.85E-05	2.08E-04	1.56E-04	2.45E-02	1.12E-04	4.82E-04	1.86E-03	3.10E-03	9.31E-05	3.15E-04	2.16E-05	6.29E-01	8.43E-02	8.89E-04	2.41E-03	1.39E+00
72	367533	3757826	Residence	3.94E+00	5.02E-03	9.48E-05	6.39E-05	2.01E-04	1.48E-04	2.36E-02	1.05E-04	4.55E-04	1.72E-03	2.88E-03	8.89E-05	3.00E-04	2.09E-05	5.83E-01	8.35E-02	8.26E-04	2.27E-03	1.38E+00
73	367561	3757814	Residence	4.01E+00	5.10E-03	9.64E-05	6.50E-05	2.04E-04	1.50E-04	2.40E-02	1.06E-04	4.63E-04	1.75E-03	2.93E-03	9.04E-05	3.05E-04	2.13E-05	5.93E-01	8.48E-02	8.41E-04	2.31E-03	1.40E+00
78	367786	3757842	Residence	4.24E+00	4.85E-03	9.95E-05	7.26E-05	2.08E-04	1.60E-04	2.45E-02	1.18E-04	5.01E-04	1.99E-03	3.31E-03	9.44E-05	3.23E-04	2.14E-05	6.75E-01	7.95E-02	9.50E-04	2.49E-03	1.31E+00
79	367782	3757935	Residence	4.14E+00	4.19E-03	9.47E-05	7.47E-05	1.95E-04	1.57E-04	2.31E-02	1.20E-04	5.00E-04	2.07E-03	3.43E-03	9.09E-05	3.15E-04	1.97E-05	7.06E-01	6.72E-02	9.86E-04	2.47E-03	1.11E+00
80	367752	3757969	Residence	4.03E+00	3.98E-03	9.17E-05	7.34E-05	1.89E-04	1.53E-04	2.23E-02	1.18E-04	4.89E-04	2.04E-03	3.38E-03	8.83E-05	3.06E-04	1.90E-05	6.96E-01	6.35E-02	9.71E-04	2.42E-03	1.05E+00
81	367775	3758021	Residence	3.91E+00	3.58E-03	8.78E-05	7.33E-05	1.79E-04	1.49E-04	2.12E-02	1.18E-04	4.80E-04	2.04E-03	3.39E-03	8.51E-05	2.98E-04	1.79E-05	7.00E-01	5.64E-02	9.73E-04	2.37E-03	9.30E-01
82	367808	3758034	Residence	3.89E+00	3.46E-03	8.67E-05	7.34E-05	1.77E-04	1.48E-04	2.09E-02	1.18E-04	4.79E-04	2.05E-03	3.40E-03	8.42E-05	2.95E-04	1.75E-05	7.03E-01	5.40E-02	9.77E-04	2.36E-03	8.92E-01
83	367866	3758009	Residence	3.99E+00	3.54E-03	8.90E-05	7.55E-05	1.81E-04	1.52E-04	2.15E-02	1.21E-04	4.92E-04	2.11E-03	3.50E-03	8.65E-05	3.03E-04	1.80E-05	7.23E-01	5.53E-02	1.00E-03	2.42E-03	9.12E-01
84	367924	3757985	Residence	4.10E+00	3.63E-03	9.14E-05	7.76E-05	1.86E-04	1.56E-04	2.20E-02	1.24E-04	5.06E-04	2.17E-03	3.60E-03	8.88E-05	3.12E-04	1.85E-05	7.44E-01	5.66E-02	1.03E-03	2.49E-03	9.34E-01
85	367938	3757954	Residence	4.23E+00	3.84E-03	9.48E-05	7.95E-05	1.93E-04	1.61E-04	2.29E-02	1.27E-04	5.20E-04	2.22E-03	3.68E-03	9.19E-05	3.22E-04	1.92E-05	7.60E-01	6.02E-02	1.06E-03	2.56E-03	9.93E-01
86	367928	3757923	Residence	4.35E+00	4.10E-03	9.81E-05	8.05E-05	2.01E-04	1.65E-04	2.38E-02	1.29E-04	5.31E-04	2.24E-03	3.72E-03	9.48E-05	3.30E-04	2.01E-05	7.67E-01	6.49E-02	1.07E-03	2.62E-03	1.07E+00
87	367915	3757953	Residence	4.22E+00	3.88E-03	9.48E-05	7.90E-05	1.94E-04	1.60E-04	2.29E-02	1.27E-04	5.18E-04	2.20E-03	3.65E-03	9.18E-05	3.21E-04	1.93E-05	7.55E-01	6.10E-02	1.05E-03	2.56E-03	1.01E+00
88	368017	3757908	Residence	4.45E+00	4.07E-03	9.99E-05	8.34E-05	2.04E-04	1.69E-04	2.42E-02	1.34E-04	5.47E-04	2.33E-03	3.86E-03	9.68E-05	3.39E-04	2.03E-05	7.97E-01	6.40E-02	1.11E-03	2.70E-03	1.06E+00
89	368119	3757863	Residence	4.70E+00	4.29E-03	1.05E-04	8.82E-05	2.15E-04	1.79E-04	2.55E-02	1.41E-04	5.78E-04	2.46E-03	4.08E-03	1.02E-04	3.58E-04	2.14E-05	8.42E-01	6.74E-02	1.17E-03	2.85E-03	1.11E+00
90	368180	3757839	Residence	4.85E+00	4.42E-03	1.09E-04	9.10E-05	2.22E-04	1.84E-04	2.63E-02	1.46E-04	5.96E-04	2.54E-03	4.21E-03	1.05E-04	3.69E-04	2.21E-05	8.70E-01	6.96E-02	1.21E-03	2.94E-03	1.15E+00
91	368242	3757814	Residence	5.06E+00	4.72E-03	1.14E-04	9.41E-05	2.33E-04	1.92E-04	2.76E-02	1.51E-04	6.20E-04	2.62E-03	4.35E-03	1.10E-04	3.85E-04	2.33E-05	8.98E-01	7.46E-02	1.25E-03	3.06E-03	1.23E+00
92	368318	3757785	Residence	5.33E+00	5.15E-03	1.21E-04	9.80E-05	2.48E-04	2.02E-04	2.94E-02	1.58E-04	6.49E-04	2.72E-03	4.52E-03	1.17E-04	4.06E-04	2.49E-05	9.31E-01	8.19E-02	1.30E-03	3.21E-03	1.35E+00
93	368407	3757788	Residence	5.54E+00	5.88E-03	1.28E-04	9.81E-05	2.66E-04	2.09E-04	3.13E-02	1.59E-04	6.64E-04	2.70E-03	4.49E-03	1.22E-04	4.21E-04	2.70E-05	9.21E-01	9.51E-02	1.29E-03	3.29E-03	1.57E+00
94	368505	3757789	Residence	5.67E+00	6.73E-03	1.34E-04	9.55E-05	2.82E-04	2.13E-04	3.32E-02	1.55E-04	6.65E-04	2.60E-03	4.33E-03	1.27E-04	4.31E-04	2.91E-05	8.82E-01	1.11E-01	1.24E-03	3.31E-03	1.83E+00
95	368603	3757790	Residence	6.62E+00	7.79E-03	1.56E-04	1.12E-04	3.28E-04	2.49E-04	3.86E-02	1.82E-04	7.77E-04	3.05E-03	5.08E-03	1.48E-04	5.03E-04	3.38E-05	1.03E+00	1.28E-01	1.46E-03	3.87E-03	2.11E+00
96	368628	3757765	Residence	6.71E+00	7.94E-03	1.59E-04	1.13E-04	3.33E-04	2.52E-04	3.92E-02	1.84E-04	7.87E-04	3.08E-03	5.13E-03	1.50E-04	5.10E-04	3.44E-05	1.04E+00	1.31E-01	1.47E-03	3.92E-03	2.16E+00
97	368676	3757781	Residence	8.03E+00	8.69E-03	1.86E-04	1.41E-04	3.87E-04	3.03E-04	4.56E-02	2.28E-04	9.58E-04	3.88E-03	6.45E-03	1.78E-04	6.10E-04	3.94E-05	1.32E+00	1.41E-01	1.85E-03	4.75E-03	2.33E+00
98	368759	3757821	Residence	1.07E+01	1.00E-02	2.41E-04	1.99E-04	4.94E-04	4.07E-04	5.84E-02	3.20E-04	1.31E-03	5.55E-03	9.20E-03	2.33E-04	8.15E-04	4.93E-05	1.90E+00	1.58E-01	2.64E-03	6.47E-03	2.61E+00
99	368839	3757872	Residence	1.31E+01	1.11E-02	2.89E-04	2.51E-04	5.87E-04	4.98E-04	6.96E-02	4.02E-04	1.62E-03	7.05E-03	1.17E-02	2.82E-04	9.95E-04	5.78E-05	2.42E+00	1.71E-01	3.35E-03	7.99E-03	2.82E+00
100	368921	3757924	Residence	1.42E+01	1.16E-02	3.13E-04	2.77E-04	6.32E-04	5.43E-04	7.50E-02	4.42E-04	1.78E-03	7.78E-03	1.29E-02	3.06E-04	1.08E-03	6.20E-05	2.67E+00	1.77E-01	3.70E-03	8.73E-03	2.93E+00
101	369004	3757976	Residence	1.36E+01	1.14E-02	3.00E-04	2.62E-04	6.09E-04	5.18E-04	7.22E-02	4.18E-04	1.69E-03	7.34E-03	1.21E-02	2.93E-04	1.03E-03	6.00E-05	2.52E+00	1.76E-01	3.49E-03	8.31E-03	2.91E+00
102	369038	3757969	Residence	1.35E+01	1.15E-02	2.98E-04	2.58E-04	6.06E-04	5.13E-04	7.18E-02	4.12E-04	1.67E-03	7.22E-03	1.20E-02	2.91E-04	1.02E-03	5.98E-05	2.48E+00	1.78E-01	3.44E-03	8.21E-03	2.95E+00
103	369101	3757878	Residence	1.49E+01	1.27E-02	3.30E-04	2.86E-04	6.69E-04	5.68E-04	7.93E-02	4.58E-04	1.85E-03	8.02E-03	1.33E-02	3.22E-04	1.13E-03	6.60E-05	2.75E+00	1.96E-01	3.82E-03	9.10E-03	3.23E+00
104	369067	3757885	Residence	1.50E+01	1.25E-02	3.31E-04	2.89E-04	6.70E-04	5.71E-04	7.94E-02	4.62E-04	1.86E-03	8.10E-03	1.34E-02	3.23E-04	1.14E-03	6.60E-05	2.78E+00	1.93E-01	3.86E-03	9.16E-03	3.19E+00
105	369139	3757930	Residence	1.31E+01	1.19E-02	2.93E-04	2.46E-04	5.99E-04	4.98E-04	7.09E-02	3.95E-04	1.61E-03	6.87E-03	1.14E-02	2.85E-04	9.96E-04	5.96E-05	2.35E+00	1.86E-01	3.27E-03	7.94E-03	3.07E+00
106	369211	3757974	Residence	1.04E+01	1.07E-02	2.38E-04	1.85E-04	4.92E-04	3.92E-04	5.81E-02	2.99E-04	1.25E-03	5.11E-03	8.50E-03	2.28E-04	7.87E-04	4.99E-05	1.74E+00	1.72E-01	2.44E-03	6.17E-03	2.85E+00
107	369243	3757968	Residence	9.75E+00	1.06E-02	2.26E-04	1.71E-04	4.70E-04	3.68E-04	5.54E-02	2.77E-04	1.16E-03	4.71E-03	7.83E-03	2.16E-04	7.41E-04	4.79E-05	1.60E+00	1.71E-01	2.25E-03	5.78E-03	2.83E+00
108	369305	3757894	Residence	1.05E+01	1.14E-02	2.43E-04	1.83E-04	5.05E-04	3.95E-04	5.95E-02	2.96E-04	1.25E-03	5.03E-03	8.37E-03	2.31E-04	7.95E-04	5.15E-05	1.72E+00	1.84E-01	2.40E-03	6.19E-03	3.05E+00
109	369366	3757820	Residence	1.13E+01	1.23E-02	2.62E-04	1.97E-04	5.44E-04	4.25E-04	6.41E-02	3.18E-04	1.34E-03	5.40E-03	8.99E-03	2.49E-04	8.56E-04	5.56E-05	1.84E+00	2.00E-01	2.58E-03	6.65E-03	3.30E+00
110	369436	3757794	Residence	1.00E+01	1.20E-02	2.38E-04	1.68E-04	5.00E-04	3.77E-04	5.88E-02	2.73E-04	1.17E-03	4.56E-03	7.61E-03	2.25E-04	7.62E-04	5.17E-05	1.55E+00	1.98E-01	2.18E-03	5.85E-03	3.28E+00
111	369435	3757760	Residence	1.14E+01	1.29E-02	2.66E-04	1.95E-04	5.56E-04	4.28E-04	6.55E-02	3.16E-04	1.34E-03	5.33E-03	8.88E-03	2.53E-04	8.63E-04	5.71E-05	1.81E+00	2.11E-01	2.55E-03	6.67E-03	3.49E+00
112	369251	3758017	Residence	8.25E+00	9.64E-03	1.95E-04	1.40E-04	4.08E-04	3.11E-04	4.80E-02	2.27E-04	9.71E-04	3.82E-03	6.36E-03	1.84E-04	6.27E-04	4.20E-05	1.30E+00	1.58E-01	1.83E-03	4.83E-03	2.61E+00
113	369344	3758083	Residence	4.88E+00	7.55E-03	1.23E-04	6.97E-05	2.67E-04	1.81E-04	3.12E-02	1.16E-04	5.36E-04	1.82E-03	3.06E-03	1.13E-04	3.71E-04	2.87E-05	6.06E-01	1.29E-01	8.77E-04	2.71E-03	2.13E+00

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
114	369437	3758148	Residence	4.61E+00	6.13E-03	1.12E-04	7.29E-05	2.39E-04	1.72E-04	2.80E-02	1.20E-04	5.27E-04	1.95E-03	3.27E-03	1.04E-04	3.50E-04	2.50E-05	6.59E-01	1.03E-01	9.37E-04	2.64E-03	1.69E+00
115	369429	3758218	Residence	4.57E+00	6.08E-03	1.11E-04	7.24E-05	2.37E-04	1.71E-04	2.77E-02	1.19E-04	5.23E-04	1.94E-03	3.24E-03	1.04E-04	3.48E-04	2.48E-05	6.54E-01	1.02E-01	9.31E-04	2.62E-03	1.68E+00
116	369432	3758306	Residence	4.61E+00	6.17E-03	1.12E-04	7.28E-05	2.39E-04	1.73E-04	2.81E-02	1.20E-04	5.27E-04	1.95E-03	3.26E-03	1.05E-04	3.51E-04	2.51E-05	6.58E-01	1.03E-01	9.36E-04	2.64E-03	1.70E+00
117	369435	3758395	Residence	4.60E+00	6.20E-03	1.12E-04	7.23E-05	2.39E-04	1.72E-04	2.81E-02	1.19E-04	5.25E-04	1.93E-03	3.24E-03	1.05E-04	3.50E-04	2.51E-05	6.52E-01	1.04E-01	9.29E-04	2.63E-03	1.72E+00
118	369460	3758419	Residence	4.76E+00	6.51E-03	1.16E-04	7.41E-05	2.49E-04	1.78E-04	2.92E-02	1.22E-04	5.41E-04	1.98E-03	3.31E-03	1.08E-04	3.62E-04	2.62E-05	6.66E-01	1.09E-01	9.49E-04	2.71E-03	1.80E+00
119	369558	3758419	Residence	6.86E+00	7.92E-03	1.61E-04	1.17E-04	3.38E-04	2.58E-04	3.98E-02	1.90E-04	8.09E-04	3.19E-03	5.32E-03	1.53E-04	5.21E-04	3.47E-05	1.09E+00	1.30E-01	1.53E-03	4.02E-03	2.14E+00
120	369657	3758419	Residence	9.48E+00	9.30E-03	2.15E-04	1.73E-04	4.44E-04	3.59E-04	5.24E-02	2.79E-04	1.15E-03	4.80E-03	7.97E-03	2.08E-04	7.21E-04	4.46E-05	1.64E+00	1.48E-01	2.29E-03	5.69E-03	2.45E+00
121	369755	3758419	Residence	1.19E+01	1.04E-02	2.64E-04	2.25E-04	5.38E-04	4.52E-04	6.37E-02	3.61E-04	1.47E-03	6.31E-03	1.04E-02	2.57E-04	9.03E-04	5.33E-05	2.16E+00	1.62E-01	3.00E-03	7.22E-03	2.68E+00
122	369853	3758419	Residence	1.33E+01	1.11E-02	2.93E-04	2.56E-04	5.93E-04	5.06E-04	7.04E-02	4.09E-04	1.65E-03	7.19E-03	1.19E-02	2.86E-04	1.01E-03	5.84E-05	2.47E+00	1.70E-01	3.42E-03	8.12E-03	2.81E+00
123	369878	3758394	Residence	1.36E+01	1.13E-02	3.00E-04	2.63E-04	6.08E-04	5.19E-04	7.21E-02	4.20E-04	1.69E-03	7.38E-03	1.22E-02	2.93E-04	1.04E-03	5.99E-05	2.53E+00	1.74E-01	3.51E-03	8.33E-03	2.88E+00
124	369877	3758289	Residence	1.46E+01	1.22E-02	3.22E-04	2.80E-04	6.52E-04	5.55E-04	7.73E-02	4.48E-04	1.81E-03	7.87E-03	1.30E-02	3.14E-04	1.11E-03	6.42E-05	2.70E+00	1.88E-01	3.74E-03	8.90E-03	3.11E+00
125	369876	3758183	Residence	1.55E+01	1.32E-02	3.44E-04	2.98E-04	6.97E-04	5.92E-04	8.27E-02	4.77E-04	1.93E-03	8.36E-03	1.38E-02	3.35E-04	1.18E-03	6.88E-05	2.87E+00	2.04E-01	3.98E-03	9.48E-03	3.37E+00
126	369962	3758103	Residence	1.70E+01	1.44E-02	3.76E-04	3.26E-04	7.62E-04	6.47E-04	9.03E-02	5.22E-04	2.11E-03	9.15E-03	1.52E-02	3.67E-04	1.29E-03	7.51E-05	3.14E+00	2.22E-01	4.35E-03	1.04E-02	3.66E+00
127	370075	3758103	Residence	1.50E+01	1.36E-02	3.36E-04	2.82E-04	6.86E-04	5.70E-04	8.12E-02	4.52E-04	1.84E-03	7.86E-03	1.30E-02	3.26E-04	1.14E-03	6.82E-05	2.69E+00	2.13E-01	3.74E-03	9.09E-03	3.52E+00
128	370187	3758103	Residence	1.07E+01	1.17E-02	2.49E-04	1.88E-04	5.18E-04	4.05E-04	6.10E-02	3.04E-04	1.28E-03	5.17E-03	8.60E-03	2.37E-04	8.16E-04	5.28E-05	1.76E+00	1.89E-01	2.47E-03	6.35E-03	3.13E+00
129	370299	3758103	Residence	7.11E+00	9.26E-03	1.72E-04	1.14E-04	3.65E-04	2.67E-04	4.28E-02	1.87E-04	8.17E-04	3.06E-03	5.12E-03	1.61E-04	5.41E-04	3.82E-05	1.04E+00	1.54E-01	1.47E-03	4.09E-03	2.55E+00
136	370506	3758113	Residence	5.44E+00	5.40E-03	1.24E-04	9.90E-05	2.55E-04	2.06E-04	3.02E-02	1.59E-04	6.60E-04	2.74E-03	4.56E-03	1.19E-04	4.14E-04	2.57E-05	9.38E-01	8.62E-02	1.31E-03	3.26E-03	1.42E+00
137	370601	3758113	Residence	6.57E+00	5.82E-03	1.47E-04	1.24E-04	2.98E-04	2.50E-04	3.54E-02	1.99E-04	8.11E-04	3.48E-03	5.76E-03	1.42E-04	5.00E-04	2.96E-05	1.19E+00	9.08E-02	1.66E-03	3.99E-03	1.50E+00
138	370696	3758114	Residence	7.17E+00	5.97E-03	1.58E-04	1.38E-04	3.20E-04	2.73E-04	3.80E-02	2.21E-04	8.92E-04	3.88E-03	6.43E-03	1.55E-04	5.45E-04	3.15E-05	1.33E+00	9.19E-02	1.85E-03	4.38E-03	1.52E+00
139	370791	3758114	Residence	7.06E+00	5.85E-03	1.56E-04	1.37E-04	3.15E-04	2.69E-04	3.73E-02	2.18E-04	8.79E-04	3.83E-03	6.35E-03	1.52E-04	5.37E-04	3.10E-05	1.32E+00	8.98E-02	1.82E-03	4.32E-03	1.48E+00
140	370886	3758114	Residence	6.30E+00	5.46E-03	1.40E-04	1.20E-04	2.84E-04	2.40E-04	3.37E-02	1.92E-04	7.79E-04	3.36E-03	5.57E-03	1.36E-04	4.79E-04	2.81E-05	1.15E+00	8.47E-02	1.60E-03	3.83E-03	1.40E+00
154	371170	3757732	Residence	1.49E+01	1.34E-02	3.34E-04	2.81E-04	6.80E-04	5.67E-04	8.05E-02	4.51E-04	1.84E-03	7.86E-03	1.30E-02	3.24E-04	1.13E-03	6.76E-05	2.69E+00	2.09E-01	3.74E-03	9.05E-03	3.46E+00
155	371240	3757783	Residence	1.44E+01	1.26E-02	3.21E-04	2.75E-04	6.54E-04	5.50E-04	7.75E-02	4.40E-04	1.78E-03	7.68E-03	1.27E-02	3.13E-04	1.10E-03	6.48E-05	2.63E+00	1.97E-01	3.66E-03	8.79E-03	3.25E+00
156	371264	3757808	Residence	1.41E+01	1.23E-02	3.13E-04	2.67E-04	6.36E-04	5.35E-04	7.54E-02	4.28E-04	1.74E-03	7.48E-03	1.24E-02	3.04E-04	1.07E-03	6.30E-05	2.56E+00	1.91E-01	3.56E-03	8.55E-03	3.16E+00
157	371372	3757807	Residence	1.49E+01	1.22E-02	3.28E-04	2.89E-04	6.62E-04	5.68E-04	7.86E-02	4.62E-04	1.86E-03	8.13E-03	1.35E-02	3.21E-04	1.13E-03	6.51E-05	2.79E+00	1.87E-01	3.87E-03	9.14E-03	3.09E+00
158	371385	3757827	Residence	1.46E+01	1.20E-02	3.21E-04	2.83E-04	6.48E-04	5.56E-04	7.70E-02	4.52E-04	1.82E-03	7.95E-03	1.32E-02	3.14E-04	1.11E-03	6.37E-05	2.73E+00	1.83E-01	3.78E-03	8.94E-03	3.02E+00
159	371485	3757895	Residence	1.36E+01	1.10E-02	2.98E-04	2.64E-04	6.01E-04	5.17E-04	7.13E-02	4.21E-04	1.69E-03	7.41E-03	1.23E-02	2.91E-04	1.03E-03	5.89E-05	2.55E+00	1.68E-01	3.53E-03	8.31E-03	2.77E+00
160	371585	3757964	Residence	1.25E+01	1.01E-02	2.75E-04	2.45E-04	5.55E-04	4.79E-04	6.59E-02	3.90E-04	1.57E-03	6.88E-03	1.14E-02	2.70E-04	9.54E-04	5.44E-05	2.36E+00	1.54E-01	3.27E-03	7.70E-03	2.55E+00
161	371684	3758032	Residence	1.16E+01	9.32E-03	2.54E-04	2.26E-04	5.13E-04	4.42E-04	6.09E-02	3.61E-04	1.45E-03	6.36E-03	1.05E-02	2.49E-04	8.82E-04	5.03E-05	2.19E+00	1.42E-01	3.03E-03	7.12E-03	2.35E+00
162	371784	3758101	Residence	1.07E+01	8.62E-03	2.35E-04	2.09E-04	4.74E-04	4.08E-04	5.62E-02	3.33E-04	1.34E-03	5.87E-03	9.72E-03	2.30E-04	8.14E-04	4.64E-05	2.02E+00	1.31E-01	2.79E-03	6.57E-03	2.17E+00
163	371818	3758095	Residence	1.04E+01	8.46E-03	2.29E-04	2.03E-04	4.62E-04	3.97E-04	5.48E-02	3.24E-04	1.30E-03	5.70E-03	9.43E-03	2.24E-04	7.92E-04	4.54E-05	1.96E+00	1.29E-01	2.71E-03	6.39E-03	2.14E+00
164	371873	3758022	Residence	1.02E+01	8.56E-03	2.25E-04	1.97E-04	4.57E-04	3.89E-04	5.41E-02	3.14E-04	1.27E-03	5.52E-03	9.13E-03	2.20E-04	7.76E-04	4.50E-05	1.89E+00	1.32E-01	2.62E-03	6.24E-03	2.18E+00
165	371928	3757949	Residence	1.11E+01	8.91E-03	2.44E-04	2.17E-04	4.92E-04	4.24E-04	5.84E-02	3.47E-04	1.39E-03	6.11E-03	1.01E-02	2.39E-04	8.46E-04	4.82E-05	2.10E+00	1.36E-01	2.91E-03	6.83E-03	2.24E+00
166	371969	3757946	Residence	1.10E+01	8.76E-03	2.40E-04	2.14E-04	4.84E-04	4.18E-04	5.75E-02	3.42E-04	1.37E-03	6.03E-03	9.98E-03	2.35E-04	8.34E-04	4.74E-05	2.07E+00	1.33E-01	2.87E-03	6.74E-03	2.20E+00
167	371989	3757924	Residence	1.09E+01	8.73E-03	2.39E-04	2.13E-04	4.81E-04	4.16E-04	5.71E-02	3.39E-04	1.36E-03	5.98E-03	9.90E-03	2.34E-04	8.28E-04	4.72E-05	2.06E+00	1.33E-01	2.84E-03	6.69E-03	2.20E+00
295	370737	3755244	Residence	5.79E+00	5.82E-03	1.32E-04	1.05E-04	2.73E-04	2.19E-04	3.22E-02	1.69E-04	7.00E-04	2.90E-03	4.82E-03	1.27E-04	4.40E-04	2.75E-05	9.90E-01	9.32E-02	1.38E-03	3.46E-03	1.54E+00
296	370669	3755237	Residence	5.46E+00	5.47E-03	1.25E-04	9.90E-05	2.57E-04	2.07E-04	3.04E-02	1.60E-04	6.61E-04	2.74E-03	4.55E-03	1.20E-04	4.15E-04	2.59E-05	9.37E-01	8.76E-02	1.31E-03	3.27E-03	1.44E+00
297	370571	3755237	Residence	5.68E+00	5.62E-03	1.29E-04	1.03E-04	2.66E-04	2.15E-04	3.14E-02	1.66E-04	6.88E-04	2.87E-03	4.76E-03	1.24E-04	4.32E-04	2.68E-05	9.80E-01	8.95E-02	1.37E-03	3.40E-03	1.48E+00
298	370476	3755238	Residence	5.80E+00	6.56E-03	1.36E-04	9.99E-05	2.83E-04	2.19E-04	3.34E-02	1.62E-04	6.87E-04	2.73E-03	4.55E-03	1.29E-04	4.41E-04	2.91E-05	9.30E-01	1.07E-01	1.31E-03	3.41E-03	1.77E+00
299	370380	3755238	Residence	8.01E+00	7.65E-03	1.81E-04	1.48E-04	3.72E-04	3.04E-04	4.39E-02	2.38E-04	9.77E-04	4.11E-03	6.82E-03	1.75E-04	6.09E-04	3.72E-05	1.41E+00	1.21E-01	1.96E-03	4.82E-03	2.00E+00
300	370279	3755239	Residence	9.76E+00	8.42E-03	2.17E-04	1.86E-04	4.40E-04	3.71E-04	5.21E-02	2.98E-04	1.21E-03	5.21E-03	8.63E-03	2.11E-04	7.41E-04	4.35E-05	1.79E+00	1.31E-01	2.48E-03	5.94E-03	2.16E+00
301	370177	3755240	Residence	1.03E+01	8.99E-03	2.28E-04	1.95E-04	4.64E-04	3.91E-04	5.50E-02	3.12E-04	1.27E-03	5.46E-03	9.04E-03	2.22E-04	7.80E-04	4.60E-05	1.87E+00	1.40E-01	2.60E-03	6.24E-03	2.31E+00
302	370076	3755240	Residence	9.80E+00	1.04E-02	2.26E-04	1.73E-04	4.69E-04	3.70E-04	5.54E-02	2.80E-04	1.17E-03	4.77E-03	7.94E-03	2.16E-04	7.45E-04	4.77E-05	1.63E+00	1.68E-01	2.28E-03	5.81E-03	2.78E+00
303	369979	3755241	Residence	1.24E+01	1.19E-02	2.81E-04	2.29E-04	5.77E-04	4.72E-04	6.82E-02	3.69E-04	1.52E-03	6.38E-03	1.06E-02	2.71E-04	9.45E-04	5.78E-05	2.18E+00	1.88E-01	3.04E-03	7.49E-03	3.11E+00
304	369883	3755241	Residence	1.48E+01	1.28E-02	3.28E-04	2.82E-04	6.67E-04	5.63E-04	7.90E-02	4.52E-04	1.83E-03	7.90E-03	1.31E-02	3.20E-04	1.12E-03	6.59E-05	2.71E+00	1.98E-01	3.76E-03	9.01E-03	3.27E+00
306	369690	3755242	Residence	1.44E+01	1.44E-02	3.29E-04	2.61E-04	6.77E-04	5.46E-04	8.00E-02	4.21E-04	1.74E-03	7.23E-03	1.20E-02	3.16E-04	1.09E-03	6.83E-05	2.47E+00	2.30E-01	3.45E-03	8.62E-03	3.80E+00
307	369594	3755243	Residence	1.42E+01	1.64E-02	3.33E-04	2.41E-04	6.98E-04	5.33E-04	8.21E-02	3.91E-04	1.67E-03	6.57E-03	1.09E-02	3.16E-04	1.08E-03	7.18E-05	2.23E+00	2.70E-01	3.14E-03	8.29E-03	4.45E+00
308	369498	3755243	Residence	1.93E+01	1.86E-02	4.37E-04	3.54E-04	8.97E-04	7.31E-04	1.06E-01	5.69E-04	2.35E-03	9.83E-03	1.63E-02	4.21E-04	1.46E-03	9.00E-05	3.36E+00	2.96E-01	4.69E-03	1.16E-02	4.89E+00
309	369396	3755244	Residence	2.30E+01	1.98E-02	5.10E-04	4.39E-04	1.03E-03	8.75E-04	1.23E-01	7.02E-04	2.85E-03	1.23E-02	2.04E-02	4.97E-04	1.75E-03	1.02E-04	4.22E+00	3.07E-01	5.85E-03	1.40E-02	5.06E+00
310	369295	3755244	Residence	2.36E+01	1.96E-02	5.20E-04	4.56E-04	1.05E-03	8.98E-04	1.25E-01	7.28E-04	2.93E-03	1.28E-02	2.12E-02	5.08E-04	1.79E-03	1.03E-04	4.39E+00	3.01E-01	6.08E-03	1.44E-02	4.96E+00
311	369193	3755245	Residence	2.11E+01	1.81E-02	4.67E-04	4.03E-04	9.48E-04	8.02E-04	1.12E-01	6.44E-04	2.61E-03	1.13E-02	1.87E-02	4.55E-04	1.60E-03	9.37E-05	3.87E+00	2.81E-01	5.37E-03	1.28E-02	4.63E+00
312	369092	3755245	Residence	2.02E+01	1.75E-02	4.49E-04	3.86E-04	9.12E-04	7.69E-04	1.08E-01	6.17E-04	2.50E-03	1.08E-02	1.79E-02	4.37E-04	1.54E-03	9.02E-05	3.70E+00	2.71E-01	5.14E-03	1.23E-02	4.48E+00
313	368991	3755246	Residence	2.13E+01	1.74E-02	4.68E-04	4.12E-04	9.45E-04	8.10E-04	1.12E-01	6.59E-04	2.65E-03	1.16E-02	1.92E-02	4.57E-04	1.62E-03	9.29E-05	3.98E+00	2.67E-01	5.51E-03	1.30E-02	4.41E+00
314	368889	3755247	Residence	2.00E+01	1.65E-02	4.41E-04	3.88E-04	8.92E-04	7.64E-04	1.06E-01	6.20E-04	2.50E-03	1.09E-02	1.81E-02	4.32E-04	1.52E-03	8.77E-05	3.75E+00	2.53E-01	5.19E-03	1.23E-02	4.18E+00
315	368782	3755247	Residence	1.70E+01	1.49E-02	3.78E-04	3.23E-04	7.69E-04	6.46E-04	9.11E-02	5.17E-04	2.10E-03	9.03E-03	1.50E-02	3.68E-04	1.29E-03	7.61E-05	3.10E+00	2.31E-01	4.30E-03	1.03E-02	3.82E+00
316	368676	3755248	Residence	1.32E+01	1.29E-02	2.99E-04	2.40E-04	6.15E-04	4.99E-04	7.27E-02	3.87E-04	1.60E-03	6.67E-03	1.11E-02	2.88E-04	1.00E-03	6.18E-05	2.28E+00	2.05E-01	3.18E-03	7.90E-03	3.39E+00
317	368569	3755248	Residence	9.49E+00	1.08E-02	2.23E-04	1.63E-04	4.66E-04	3.58E-04	5.49E-02	2.64E-04	1.12E-03	4.45E-03	7.41E-03	2.11E-04	7.22E-04	4.78E-05	1.51E+00	1.78E-01	2.13E-03	5.57E-03	2.93E+00
318	368471	3755249	Residence	6.74E+00	9.09E-03	1.64E-04	1.06E-04	3.51E-04	2.52E-04	4.11E-02	1.74E-04	7.69E-04	2.83E-03	4.74E-03	1.53E-04	5.13E-04	3.68E-05	9.55E-01	1.53E-01	1.36E-03	3.85E-03	2.51E+00
319	368373	3755249	Residence	6.09E+00	7.82E-03	1.47E-04	9.84E-05	3.11E-04	2.28E-04	3.65E-02	1.61E-04	7.02E-04	2.65E-03	4.43E-03	1.38E-04	4.63E-04	3.24E-05	8.97E-01	1.30E-01	1.27E-03	3.51E-03	2.15E+00
320	368275	3755250	Residence	7.23E+00	8.18E-03	1.69E-04	1.24E-04	3.54E-04	2.73E-04	4.16E-02	2.02E-04	8.55E-04	3.40E-03	5.67E-03	1.61E-04	5.49E-04	3.62E-05	1.16E+00	1.34E-01	1.63E-03	4.25E-03	2.21E+00
321	368167	3755230	Residence	7.90E+00	8.22E-03	1.82E-04	1.41E-04	3.76E-04	2.99E-04	4.44E-02	2.28E-04	9.50E-04	3.89E-03	6.47E-03	1.74E-04	6.01E-04	3.81E-05	1.33E+00	1.32E-01	1.86E-03	4.70E-03	2.19E+00
322	368054	3755209	Residence	8.48E+00	8.20E-03	1.92E-04	1.56E-04	3.95E-04	3.22E-04	4.67E-02	2.50E-04	1.03E-03	4.32E-03	7.18E-03	1.85E-04	6.45E-04	3.96E-05	1.48E+00	1.30E-01	2.06E-03	5.10E-03	2.15E+00
323	367941	3755189	Residence	8.90E+00	8.11E-03	1.99E-04	1.67E-04	4.07E-04	3.38E-04	4.82E-02	2.68E-04	1.09E-03	4.66E-03	7.72E-03	1.93E-04	6.76E-04	4.06E-05	1.59E+00	1.27E-01	2.22E-03	5.39E-03	2.10E+00
324	367824	3755185	Residence	9.45E+00	8.07E-03	2.09E-04	1.81E-04	4.25E-04	3.60E-04	5.03E-02	2.90E-04	1.17E-03	5.07E-03	8.40E-03	2.04E-04	7.18E-04	4.20E-05	1.74E+00	1.25E-01	2.41E-03	5.76E-03	2.06E+00
325	367711	3755181	Residence	9.70E+00	7.93E-03	2.13E-04	1.88E-04	4.31E-04	3.70E-04	5.11E-02	3.00E-04	1.21E-03	5.29E-03	8.75E-03	2.09E-04	7.37E-04	4.23E-05	1.82E+00	1.21E-01	2.51E-03	5.94E-03	2.01E+00
326	367598	3755178	Residence	9.66E+00	7.70E-03	2.11E-04	1.89E-04	4.26E-04	3.68E-04	5.06E-02	3.01E-04	1.21E-03	5.31E-03	8.79E-03	2.07E-04	7.34E-04	4.17E-05	1.83E+00	1.17E-01	2.53E-03	5.93E-03	1.94E+00

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
327	367484	3755174	Residence	9.37E+00	7.41E-03	2.05E-04	1.84E-04	4.13E-04	3.58E-04	4.90E-02	2.93E-04	1.17E-03	5.17E-03	8.56E-03	2.01E-04	7.12E-04	4.04E-05	1.78E+00	1.12E-01	2.46E-03	5.76E-03	1.86E+00
328	367461	3755189	Residence	9.30E+00	7.35E-03	2.03E-04	1.82E-04	4.10E-04	3.55E-04	4.86E-02	2.91E-04	1.17E-03	5.13E-03	8.49E-03	2.00E-04	7.07E-04	4.01E-05	1.76E+00	1.12E-01	2.44E-03	5.72E-03	1.84E+00
329	367415	3755295	Residence	8.59E+00	7.11E-03	1.89E-04	1.66E-04	3.83E-04	3.27E-04	4.54E-02	2.65E-04	1.07E-03	4.66E-03	7.72E-03	1.85E-04	6.53E-04	3.77E-05	1.60E+00	1.09E-01	2.22E-03	5.26E-03	1.80E+00
330	367369	3755401	Residence	7.75E+00	6.64E-03	1.72E-04	1.48E-04	3.49E-04	2.95E-04	4.13E-02	2.37E-04	9.61E-04	4.15E-03	6.88E-03	1.67E-04	5.89E-04	3.45E-05	1.43E+00	1.03E-01	1.98E-03	4.73E-03	1.70E+00
331	367324	3755507	Residence	7.87E+00	6.73E-03	1.74E-04	1.51E-04	3.54E-04	3.00E-04	4.19E-02	2.41E-04	9.75E-04	4.22E-03	6.99E-03	1.70E-04	5.98E-04	3.49E-05	1.45E+00	1.04E-01	2.01E-03	4.80E-03	1.72E+00
332	367484	3755199	Residence	9.41E+00	7.43E-03	2.06E-04	1.84E-04	4.14E-04	3.59E-04	4.92E-02	2.94E-04	1.18E-03	5.19E-03	8.59E-03	2.02E-04	7.15E-04	4.05E-05	1.78E+00	1.13E-01	2.47E-03	5.78E-03	1.86E+00
333	367301	3755623	Residence	8.21E+00	7.35E-03	1.83E-04	1.55E-04	3.74E-04	3.12E-04	4.42E-02	2.48E-04	1.01E-03	4.33E-03	7.17E-03	1.78E-04	6.24E-04	3.71E-05	1.48E+00	1.15E-01	2.06E-03	4.98E-03	1.90E+00
334	367114	3756056	Residence	1.10E+01	8.63E-03	2.40E-04	2.15E-04	4.83E-04	4.19E-04	5.73E-02	3.44E-04	1.38E-03	6.07E-03	1.00E-02	2.35E-04	8.34E-04	4.72E-05	2.09E+00	1.31E-01	2.88E-03	6.75E-03	2.16E+00
335	366985	3756358	Residence	1.02E+01	8.17E-03	2.23E-04	1.98E-04	4.49E-04	3.87E-04	5.33E-02	3.16E-04	1.27E-03	5.57E-03	9.21E-03	2.18E-04	7.72E-04	4.41E-05	1.91E+00	1.25E-01	2.65E-03	6.23E-03	2.06E+00
336	366853	3756663	Residence	9.06E+00	7.44E-03	1.99E-04	1.76E-04	4.03E-04	3.45E-04	4.78E-02	2.80E-04	1.13E-03	4.93E-03	8.16E-03	1.95E-04	6.89E-04	3.96E-05	1.69E+00	1.14E-01	2.35E-03	5.55E-03	1.88E+00
337	366902	3756692	Residence	9.55E+00	7.70E-03	2.10E-04	1.86E-04	4.23E-04	3.64E-04	5.02E-02	2.97E-04	1.19E-03	5.23E-03	8.66E-03	2.05E-04	7.26E-04	4.15E-05	1.80E+00	1.17E-01	2.49E-03	5.86E-03	1.94E+00
338	366876	3756760	Residence	9.82E+00	7.73E-03	2.15E-04	1.93E-04	4.32E-04	3.75E-04	5.13E-02	3.07E-04	1.23E-03	5.43E-03	8.98E-03	2.11E-04	7.47E-04	4.23E-05	1.87E+00	1.17E-01	2.58E-03	6.04E-03	1.94E+00
339	366813	3756739	Residence	9.49E+00	7.51E-03	2.08E-04	1.86E-04	4.18E-04	3.62E-04	4.96E-02	2.96E-04	1.19E-03	5.23E-03	8.66E-03	2.04E-04	7.21E-04	4.09E-05	1.80E+00	1.14E-01	2.49E-03	5.83E-03	1.89E+00
340	366677	3757025	Residence	7.33E+00	6.51E-03	1.64E-04	1.39E-04	3.33E-04	2.79E-04	3.94E-02	2.22E-04	9.04E-04	3.88E-03	6.43E-03	1.59E-04	5.57E-04	3.31E-05	1.33E+00	1.01E-01	1.85E-03	4.45E-03	1.68E+00
341	366536	3757322	Residence	4.58E+00	4.63E-03	1.05E-04	8.26E-05	2.16E-04	1.73E-04	2.55E-02	1.33E-04	5.53E-04	2.29E-03	3.80E-03	1.01E-04	3.48E-04	2.18E-05	7.81E-01	7.42E-02	1.09E-03	2.74E-03	1.22E+00
342	366437	3757531	Residence	5.70E+00	4.70E-03	1.25E-04	1.10E-04	2.54E-04	2.17E-04	3.01E-02	1.76E-04	7.10E-04	3.10E-03	5.13E-03	1.23E-04	4.33E-04	2.49E-05	1.06E+00	7.20E-02	1.47E-03	3.49E-03	1.19E+00
343	366487	3757537	Residence	5.90E+00	4.81E-03	1.30E-04	1.15E-04	2.62E-04	2.25E-04	3.11E-02	1.83E-04	7.36E-04	3.22E-03	5.33E-03	1.27E-04	4.48E-04	2.57E-05	1.11E+00	7.36E-02	1.53E-03	3.61E-03	1.22E+00
344	366624	3757468	Residence	6.02E+00	5.01E-03	1.33E-04	1.16E-04	2.69E-04	2.29E-04	3.19E-02	1.86E-04	7.49E-04	3.26E-03	5.40E-03	1.30E-04	4.57E-04	2.64E-05	1.12E+00	7.70E-02	1.55E-03	3.68E-03	1.27E+00
345	366644	3757531	Residence	6.41E+00	5.15E-03	1.41E-04	1.25E-04	2.83E-04	2.45E-04	3.37E-02	2.00E-04	8.02E-04	3.52E-03	5.82E-03	1.38E-04	4.87E-04	2.78E-05	1.21E+00	7.85E-02	1.67E-03	3.94E-03	1.30E+00
346	366777	3757520	Residence	6.84E+00	5.45E-03	1.50E-04	1.34E-04	3.02E-04	2.61E-04	3.58E-02	2.13E-04	8.56E-04	3.76E-03	6.23E-03	1.47E-04	5.20E-04	2.96E-05	1.29E+00	8.29E-02	1.79E-03	4.20E-03	1.37E+00
347	366999	3757642	Residence	7.16E+00	5.79E-03	1.57E-04	1.39E-04	3.17E-04	2.73E-04	3.76E-02	2.23E-04	8.94E-04	3.92E-03	6.49E-03	1.54E-04	5.44E-04	3.11E-05	1.35E+00	8.83E-02	1.86E-03	4.39E-03	1.46E+00
348	367174	3757740	Residence	6.13E+00	5.60E-03	1.37E-04	1.15E-04	2.81E-04	2.33E-04	3.32E-02	1.84E-04	7.53E-04	3.21E-03	5.31E-03	1.33E-04	4.66E-04	2.80E-05	1.10E+00	8.78E-02	1.53E-03	3.71E-03	1.45E+00
349	367291	3757694	Residence	6.53E+00	5.94E-03	1.46E-04	1.23E-04	2.99E-04	2.48E-04	3.54E-02	1.97E-04	8.03E-04	3.42E-03	5.67E-03	1.42E-04	4.97E-04	2.97E-05	1.17E+00	9.30E-02	1.63E-03	3.96E-03	1.54E+00
350	367413	3757695	Residence	6.29E+00	6.02E-03	1.42E-04	1.16E-04	2.92E-04	2.39E-04	3.45E-02	1.86E-04	7.66E-04	3.22E-03	5.34E-03	1.37E-04	4.78E-04	2.93E-05	1.10E+00	9.54E-02	1.54E-03	3.78E-03	1.58E+00
351	367410	3757736	Residence	5.67E+00	5.73E-03	1.30E-04	1.02E-04	2.67E-04	2.15E-04	3.16E-02	1.65E-04	6.85E-04	2.83E-03	4.71E-03	1.24E-04	4.31E-04	2.70E-05	9.68E-01	9.17E-02	1.35E-03	3.39E-03	1.52E+00
352	367518	3757796	Residence	4.41E+00	5.26E-03	1.04E-04	7.40E-05	2.20E-04	1.66E-04	2.58E-02	1.21E-04	5.17E-04	2.01E-03	3.36E-03	9.87E-05	3.35E-04	2.27E-05	6.83E-01	8.67E-02	9.64E-04	2.57E-03	1.43E+00
353	367539	3757802	Residence	4.25E+00	5.21E-03	1.01E-04	7.04E-05	2.14E-04	1.60E-04	2.51E-02	1.15E-04	4.95E-04	1.91E-03	3.19E-03	9.54E-05	3.23E-04	2.21E-05	6.47E-01	8.61E-02	9.15E-04	2.47E-03	1.42E+00
354	367609	3757677	Residence	6.02E+00	6.22E-03	1.38E-04	1.08E-04	2.86E-04	2.28E-04	3.37E-02	1.74E-04	7.24E-04	2.97E-03	4.94E-03	1.32E-04	4.57E-04	2.89E-05	1.01E+00	1.00E-01	1.42E-03	3.58E-03	1.65E+00
355	367769	3757644	Residence	6.02E+00	6.52E-03	1.40E-04	1.06E-04	2.90E-04	2.27E-04	3.42E-02	1.71E-04	7.19E-04	2.91E-03	4.84E-03	1.33E-04	4.58E-04	2.96E-05	9.91E-01	1.06E-01	1.39E-03	3.57E-03	1.75E+00
356	367775	3757719	Residence	4.65E+00	5.80E-03	1.11E-04	7.62E-05	2.35E-04	1.75E-04	2.76E-02	1.24E-04	5.39E-04	2.06E-03	3.44E-03	1.05E-04	3.53E-04	2.44E-05	6.98E-01	9.62E-02	9.88E-04	2.69E-03	1.59E+00
357	367809	3757835	Residence	4.30E+00	4.90E-03	1.01E-04	7.39E-05	2.11E-04	1.62E-04	2.48E-02	1.20E-04	5.09E-04	2.02E-03	3.37E-03	9.57E-05	3.27E-04	2.16E-05	6.88E-01	8.01E-02	9.67E-04	2.53E-03	1.32E+00
358	367807	3757936	Residence	4.17E+00	4.15E-03	9.51E-05	7.58E-05	1.96E-04	1.58E-04	2.32E-02	1.22E-04	5.06E-04	2.10E-03	3.49E-03	9.15E-05	3.17E-04	1.97E-05	7.18E-01	6.64E-02	1.00E-03	2.50E-03	1.10E+00
359	367775	3757959	Residence	4.08E+00	4.02E-03	9.28E-05	7.44E-05	1.91E-04	1.55E-04	2.26E-02	1.20E-04	4.95E-04	2.06E-03	3.42E-03	8.94E-05	3.10E-04	1.92E-05	7.05E-01	6.42E-02	9.84E-04	2.45E-03	1.06E+00
360	367798	3758011	Residence	3.96E+00	3.62E-03	8.88E-05	7.41E-05	1.81E-04	1.50E-04	2.15E-02	1.19E-04	4.86E-04	2.07E-03	3.43E-03	8.61E-05	3.01E-04	1.81E-05	7.08E-01	5.70E-02	9.85E-04	2.40E-03	9.40E-01
361	367914	3757962	Residence	4.19E+00	3.82E-03	9.39E-05	7.86E-05	1.92E-04	1.59E-04	2.27E-02	1.26E-04	5.15E-04	2.19E-03	3.64E-03	9.11E-05	3.19E-04	1.91E-05	7.52E-01	5.99E-02	1.05E-03	2.54E-03	9.88E-01
362	367905	3757930	Residence	4.30E+00	4.08E-03	9.71E-05	7.95E-05	1.99E-04	1.63E-04	2.36E-02	1.28E-04	5.25E-04	2.21E-03	3.67E-03	9.38E-05	3.27E-04	1.99E-05	7.57E-01	6.46E-02	1.05E-03	2.59E-03	1.07E+00
363	368109	3757840	Residence	4.81E+00	4.52E-03	1.08E-04	8.93E-05	2.22E-04	1.83E-04	2.63E-02	1.43E-04	5.88E-04	2.49E-03	4.12E-03	1.05E-04	3.66E-04	2.22E-05	8.51E-01	7.14E-02	1.18E-03	2.90E-03	1.18E+00
364	368233	3757790	Residence	5.14E+00	4.78E-03	1.16E-04	9.56E-05	2.37E-04	1.95E-04	2.80E-02	1.54E-04	6.29E-04	2.66E-03	4.42E-03	1.12E-04	3.91E-04	2.36E-05	9.12E-01	7.53E-02	1.27E-03	3.10E-03	1.24E+00
365	368309	3757762	Residence	5.34E+00	4.95E-03	1.20E-04	9.96E-05	2.46E-04	2.03E-04	2.91E-02	1.60E-04	6.55E-04	2.77E-03	4.60E-03	1.16E-04	4.06E-04	2.45E-05	9.50E-01	7.82E-02	1.32E-03	3.23E-03	1.29E+00
366	368603	3757765	Residence	6.30E+00	7.63E-03	1.50E-04	1.05E-04	3.15E-04	2.37E-04	3.71E-02	1.71E-04	7.36E-04	2.85E-03	4.75E-03	1.41E-04	4.79E-04	3.26E-05	9.66E-01	1.26E-01	1.36E-03	3.67E-03	2.08E+00
367	368604	3757719	Residence	6.22E+00	7.39E-03	1.47E-04	1.05E-04	3.09E-04	2.34E-04	3.64E-02	1.70E-04	7.29E-04	2.85E-03	4.75E-03	1.39E-04	4.73E-04	3.19E-05	9.66E-01	1.22E-01	1.36E-03	3.63E-03	2.01E+00
368	368770	3757799	Residence	1.06E+01	1.01E-02	2.40E-04	1.97E-04	4.92E-04	4.03E-04	5.82E-02	3.16E-04	1.30E-03	5.47E-03	9.07E-03	2.32E-04	8.08E-04	4.92E-05	1.87E+00	1.59E-01	2.61E-03	6.40E-03	2.63E+00
369	369017	3757954	Residence	1.39E+01	1.17E-02	3.07E-04	2.68E-04	6.23E-04	5.30E-04	7.39E-02	4.28E-04	1.73E-03	7.52E-03	1.24E-02	3.00E-04	1.06E-03	6.14E-05	2.58E+00	1.80E-01	3.58E-03	8.51E-03	2.97E+00
370	369080	3757864	Residence	1.53E+01	1.28E-02	3.39E-04	2.96E-04	6.86E-04	5.85E-04	8.13E-02	4.73E-04	1.91E-03	8.30E-03	1.37E-02	3.31E-04	1.17E-03	6.75E-05	2.85E+00	1.97E-01	3.95E-03	9.38E-03	3.26E+00
371	369224	3757952	Residence	1.07E+01	1.10E-02	2.45E-04	1.92E-04	5.07E-04	4.04E-04	5.98E-02	3.09E-04	1.29E-03	5.29E-03	8.79E-03	2.35E-04	8.12E-04	5.13E-05	1.81E+00	1.77E-01	2.52E-03	6.37E-03	2.92E+00
372	369409	3757730	Residence	1.35E+01	1.41E-02	3.10E-04	2.40E-04	6.42E-04	5.10E-04	7.58E-02	3.88E-04	1.62E-03	6.63E-03	1.10E-02	2.97E-04	1.02E-03	6.51E-05	2.26E+00	2.26E-01	3.17E-03	8.02E-03	3.74E+00
373	369454	3757776	Residence	1.01E+01	1.22E-02	2.40E-04	1.68E-04	5.05E-04	3.79E-04	5.93E-02	2.74E-04	1.18E-03	4.56E-03	7.62E-03	2.26E-04	7.67E-04	5.23E-05	1.55E+00	2.02E-01	2.19E-03	5.87E-03	3.33E+00
374	369265	3757997	Residence	8.45E+00	9.85E-03	1.99E-04	1.43E-04	4.17E-04	3.18E-04	4.91E-02	2.33E-04	9.94E-04	3.91E-03	6.52E-03	1.89E-04	6.42E-04	4.30E-05	1.33E+00	1.62E-01	1.87E-03	4.95E-03	2.67E+00
375	369452	3758128	Residence	4.75E+00	6.35E-03	1.16E-04	7.51E-05	2.47E-04	1.78E-04	2.89E-02	1.23E-04	5.43E-04	2.01E-03	3.37E-03	1.08E-04	3.62E-04	2.58E-05	6.78E-01	1.06E-01	9.65E-04	2.72E-03	1.75E+00
376	369460	3758394	Residence	4.78E+00	6.52E-03	1.17E-04	7.46E-05	2.50E-04	1.79E-04	2.93E-02	1.23E-04	5.44E-04	1.99E-03	3.33E-03	1.09E-04	3.64E-04	2.63E-05	6.71E-01	1.10E-01	9.56E-04	2.73E-03	1.81E+00
377	369853	3758394	Residence	1.35E+01	1.13E-02	2.97E-04	2.60E-04	6.02E-04	5.13E-04	7.14E-02	4.15E-04	1.68E-03	7.29E-03	1.21E-02	2.90E-04	1.02E-03	5.93E-05	2.50E+00	1.73E-01	3.47E-03	8.24E-03	2.86E+00
378	369850	3758078	Residence	1.59E+01	1.40E-02	3.55E-04	3.02E-04	7.21E-04	6.06E-04	8.55E-02	4.84E-04	1.97E-03	8.46E-03	1.40E-02	3.45E-04	1.21E-03	7.15E-05	2.90E+00	2.18E-01	4.03E-03	9.69E-03	3.59E+00
384	370886	3758089	Residence	6.32E+00	5.53E-03	1.41E-04	1.20E-04	2.86E-04	2.40E-04	3.39E-02	1.92E-04	7.81E-04	3.36E-03	5.57E-03	1.37E-04	4.80E-04	2.83E-05	1.15E+00	8.60E-02	1.60E-03	3.84E-03	1.42E+00
391	371193	3757720	Residence	1.57E+01	1.37E-02	3.49E-04	2.99E-04	7.10E-04	5.98E-04	8.41E-02	4.79E-04	1.94E-03	8.38E-03	1.39E-02	3.40E-04	1.20E-03	7.03E-05	2.87E+00	2.12E-01	3.99E-03	9.57E-03	3.50E+00
392	371254	3757762	Residence	1.52E+01	1.30E-02	3.37E-04	2.92E-04	6.85E-04	5.80E-04	8.12E-02	4.67E-04	1.89E-03	8.18E-03	1.36E-02	3.29E-04	1.16E-03	6.76E-05	2.81E+00	2.01E-01	3.89E-03	9.30E-03	3.32E+00
393	371264	3757783	Residence	1.48E+01	1.27E-02	3.28E-04	2.83E-04	6.65E-04	5.63E-04	7.89E-02	4.52E-04	1.83E-03	7.92E-03	1.31E-02	3.19E-04	1.12E-03	6.57E-05	2.72E+00	1.96E-01	3.77E-03	9.01E-03	3.24E+00
394	371372	3757782	Residence	1.53E+01	1.24E-02	3.36E-04	2.98E-04	6.79E-04	5.84E-04	8.06E-02	4.75E-04	1.91E-03	8.36E-03	1.38E-02	3.29E-04	1.16E-03	6.67E-05	2.87E+00	1.90E-01	3.98E-03	9.39E-03	3.14E+00
395	371399	3757806	Residence	1.49E+01	1.21E-02	3.27E-04	2.90E-04	6.60E-04	5.68E-04	7.84E-02	4.62E-04	1.86E-03	8.14E-03	1.35E-02	3.20E-04	1.13E-03	6.48E-05	2.80E+00	1.85E-01	3.87E-03	9.13E-03	3.05E+00
396	371798	3758080	Residence	1.06E+01	8.60E-03	2.33E-04	2.06E-04	4.70E-04	4.04E-04	5.58E-02	3.29E-04	1.32E-03	5.80E-03	9.60E-03	2.28E-04	8.06E-04	4.61E-05	1.99E+00	1.31E-01	2.76E-03	6.50E-03	2.17E+00
397	371908	3757934	Residence	1.13E+01	9.05E-03	2.48E-04	2.21E-04	4.99E-04	4.31E-04	5.93E-02	3.52E-04	1.41E-03	6.21E-03	1.03E-02	2.43E-04	8.59E-04	4.89E-05	2.13E+00	1.38E-01	2.95E-03	6.94E-03	2.28E+00
398	371964	3757922	Residence	1.11E+01	8.86E-03	2.43E-04	2.16E-04	4.89E-04	4.23E-04	5.81E-02	3.45E-04	1.39E-03	6.09E-03	1.01E-02	2.38E-04	8.42E-04	4.79E-05	2.09E+00	1.35E-01	2.90E-03	6.80E-03	2.23E+00
442	370667	3755262	Residence	5.58E+00	5.64E-03	1.28E-04	1.01E-04	2.64E-04	2.11E-04	3.11E-02	1.63E-04	6.75E-04	2.79E-03	4.63E-03	1.23E-04	4.25E-04	2.66E-05	9.53E-01	9.05E-02	1.33E-03	3.34E-03	1.49E+00
443	370380	3755263	Residence	8.16E+00	7.82E-03	1.85E-04	1.50E-04	3.79E-04	3.10E-04	4.48E-02	2.42E-04	9.95E-04	4.18E-03	6.94E-03	1.78E-04	6.20E-04	3.80E-05	1.43E+00	1.24E-01	1.99E-03	4.91E-03	2.05E+00
444	370076	3755265	Residence	1.00E+01	1.07E-02	2.32E-04	1.77E-04	4.81E-04	3.79E-04	5.67E-02	2.86E-04	1.20E-03	4.87E-03	8.09E-03	2.21E-04	7.62E-04	4.90E-05	1.66E+00	1.73E-01	2.32E-03	5.94E-03	2.86E+00
446	369498	3755268	Residence	2.04E+01	1.93E-02	4.61E-04	3.77E-04	9.44E-04	7.74E-04	1.12E-01	6.06E-04	2.49E-03	1.05E-02	1.74E-02	4.45E-04	1.55E-03	9.45E-05	3.59E+00	3.06E-01	5.00E-03	1.23E-02	5.05E+00
447	369194	3755270	Residence	2.09E+01	1.82E-02	4.64E-04	3.97E-04	9.43E-04	7.94E-04	1.12E-01	6.36E-04	2.58E-03	1.11E-02	1.84E-02	4.51E-04	1.59E-03	9.34E-05	3.81E+00	2.83E-01	5.29E-03	1.27E-02	4.67E+00

Table 4-2A
Summary of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	ANTIMONY (µg/m³)	ARSENIC (µg/m³)	BROMINE (µg/m³)	CADMIUM (µg/m³)	CHLORINE (µg/m³)	CHROMIUM VI (µg/m³)	COPPER (µg/m³)	LEAD (µg/m³)	MANGANESE (µg/m³)	MERCURY (µg/m³)	NICKEL (µg/m³)	SELENIUM (µg/m³)	SILICON (µg/m³)	SULFATES (µg/m³)	VANADIUM (µg/m³)	ZINC (µg/m³)	DIESEL PM (µg/m³)
448	368889	3755272	Residence	2.00E+01	1.66E-02	4.40E-04	3.86E-04	8.91E-04	7.61E-04	1.06E-01	6.16E-04	2.48E-03	1.08E-02	1.79E-02	4.30E-04	1.52E-03	8.76E-05	3.72E+00	2.55E-01	5.15E-03	1.22E-02	4.21E+00
449	368569	3755273	Residence	8.87E+00	1.06E-02	2.10E-04	1.49E-04	4.42E-04	3.34E-04	5.20E-02	2.42E-04	1.04E-03	4.05E-03	6.76E-03	1.99E-04	6.75E-04	4.56E-05	1.37E+00	1.75E-01	1.94E-03	5.18E-03	2.88E+00
450	368275	3755275	Residence	7.86E+00	8.53E-03	1.82E-04	1.38E-04	3.79E-04	2.97E-04	4.47E-02	2.23E-04	9.38E-04	3.79E-03	6.31E-03	1.74E-04	5.98E-04	3.87E-05	1.29E+00	1.38E-01	1.81E-03	4.66E-03	2.28E+00
451	367936	3755213	Residence	9.40E+00	8.31E-03	2.10E-04	1.78E-04	4.27E-04	3.58E-04	5.05E-02	2.85E-04	1.16E-03	4.98E-03	8.25E-03	2.04E-04	7.15E-04	4.23E-05	1.71E+00	1.30E-01	2.37E-03	5.71E-03	2.14E+00
74	370324	3758078	School	4.81E+00	5.60E-03	1.13E-04	8.17E-05	2.37E-04	1.81E-04	2.79E-02	1.33E-04	5.66E-04	2.23E-03	3.72E-03	1.07E-04	3.66E-04	2.44E-05	7.58E-01	9.19E-02	1.07E-03	2.82E-03	1.52E+00
75	370324	3758078	School	5.73E+00	6.12E-03	1.32E-04	1.01E-04	2.75E-04	2.16E-04	3.24E-02	1.63E-04	6.85E-04	2.78E-03	4.63E-03	1.27E-04	4.35E-04	2.80E-05	9.49E-01	9.90E-02	1.33E-03	3.40E-03	1.63E+00
76	370324	3758078	School	5.56E+00	6.15E-03	1.30E-04	9.67E-05	2.70E-04	2.10E-04	3.18E-02	1.57E-04	6.61E-04	2.65E-03	4.42E-03	1.23E-04	4.23E-04	2.76E-05	9.04E-01	1.00E-01	1.27E-03	3.28E-03	1.65E+00
77	370324	3758078	School	4.72E+00	5.80E-03	1.13E-04	7.80E-05	2.37E-04	1.77E-04	2.79E-02	1.27E-04	5.49E-04	2.11E-03	3.53E-03	1.06E-04	3.59E-04	2.46E-05	7.16E-01	9.59E-02	1.01E-03	2.74E-03	1.58E+00
130	370324	3758078	School	7.14E+00	8.99E-03	1.71E-04	1.16E-04	3.62E-04	2.68E-04	4.25E-02	1.90E-04	8.26E-04	3.15E-03	5.25E-03	1.61E-04	5.42E-04	3.77E-05	1.07E+00	1.49E-01	1.51E-03	4.13E-03	2.47E+00
131	370381	3757991	School	7.16E+00	8.42E-03	1.69E-04	1.21E-04	3.54E-04	2.69E-04	4.17E-02	1.97E-04	8.40E-04	3.29E-03	5.49E-03	1.60E-04	5.44E-04	3.66E-05	1.12E+00	1.38E-01	1.58E-03	4.18E-03	2.29E+00
132	370435	3758019	School	6.29E+00	7.01E-03	1.47E-04	1.09E-04	3.06E-04	2.37E-04	3.60E-02	1.77E-04	7.47E-04	2.99E-03	4.98E-03	1.40E-04	4.78E-04	3.13E-05	1.02E+00	1.14E-01	1.43E-03	3.71E-03	1.89E+00
133	370499	3758050	School	5.91E+00	5.79E-03	1.34E-04	1.08E-04	2.76E-04	2.24E-04	3.26E-02	1.74E-04	7.18E-04	3.00E-03	4.97E-03	1.29E-04	4.49E-04	2.78E-05	1.02E+00	9.22E-02	1.43E-03	3.55E-03	1.52E+00
134	370485	3758025	School	5.95E+00	5.95E-03	1.36E-04	1.08E-04	2.80E-04	2.26E-04	3.30E-02	1.74E-04	7.20E-04	2.99E-03	4.97E-03	1.31E-04	4.52E-04	2.82E-05	1.02E+00	9.49E-02	1.43E-03	3.56E-03	1.57E+00
135	370481	3758086	School	5.43E+00	5.76E-03	1.25E-04	9.62E-05	2.60E-04	2.05E-04	3.06E-02	1.55E-04	6.50E-04	2.65E-03	4.41E-03	1.20E-04	4.13E-04	2.64E-05	9.04E-01	9.28E-02	1.27E-03	3.22E-03	1.54E+00
305	369787	3755242	School	1.52E+01	1.28E-02	3.35E-04	2.92E-04	6.80E-04	5.78E-04	8.06E-02	4.67E-04	1.89E-03	8.19E-03	1.36E-02	3.27E-04	1.15E-03	6.70E-05	2.81E+00	1.97E-01	3.90E-03	9.27E-03	3.25E+00
379	370299	3758078	School	7.28E+00	9.48E-03	1.76E-04	1.17E-04	3.74E-04	2.73E-04	4.38E-02	1.91E-04	8.36E-04	3.13E-03	5.24E-03	1.65E-04	5.53E-04	3.91E-05	1.06E+00	1.58E-01	1.50E-03	4.18E-03	2.61E+00
380	370298	3757963	School	8.12E+00	1.06E-02	1.97E-04	1.30E-04	4.18E-04	3.04E-04	4.90E-02	2.13E-04	9.32E-04	3.48E-03	5.83E-03	1.84E-04	6.17E-04	4.37E-05	1.18E+00	1.77E-01	1.67E-03	4.66E-03	2.93E+00
381	370382	3757966	School	7.30E+00	8.59E-03	1.72E-04	1.23E-04	3.62E-04	2.75E-04	4.25E-02	2.01E-04	8.57E-04	3.36E-03	5.60E-03	1.63E-04	5.55E-04	3.73E-05	1.14E+00	1.41E-01	1.61E-03	4.27E-03	2.33E+00
382	370510	3758027	School	6.28E+00	6.02E-03	1.42E-04	1.16E-04	2.92E-04	2.38E-04	3.45E-02	1.86E-04	7.65E-04	3.21E-03	5.33E-03	1.37E-04	4.77E-04	2.92E-05	1.10E+00	9.55E-02	1.53E-03	3.78E-03	1.57E+00
383	370506	3758088	School	5.66E+00	5.56E-03	1.29E-04	1.03E-04	2.65E-04	2.14E-04	3.13E-02	1.66E-04	6.87E-04	2.86E-03	4.76E-03	1.24E-04	4.30E-04	2.66E-05	9.79E-01	8.87E-02	1.37E-03	3.39E-03	1.46E+00
445	369787	3755267	School	1.55E+01	1.31E-02	3.42E-04	2.97E-04	6.93E-04	5.89E-04	8.22E-02	4.75E-04	1.92E-03	8.34E-03	1.38E-02	3.34E-04	1.18E-03	6.84E-05	2.86E+00	2.02E-01	3.97E-03	9.45E-03	3.33E+00

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
29	370479	3756654	Commercial	2.32E+02	1.93E-01	6.02E-05	5.11E-03	NA	4.48E-03	2.24E-02	1.04E-02	NA	8.84E-03	NA	1.23E+00	5.85E-03	7.16E-03	NA	2.89E-02	2.89E-04	1.26E-01	NA
141	370911	3758089	Commercial	6.02E+00	5.39E-03	1.68E-06	1.34E-04	NA	1.14E-04	5.68E-04	2.74E-04	NA	2.29E-04	NA	3.24E-02	1.54E-04	1.82E-04	NA	7.41E-04	7.41E-06	3.17E-03	NA
142	370911	3757976	Commercial	6.14E+00	6.24E-03	1.95E-06	1.41E-04	NA	1.11E-04	5.54E-04	2.91E-04	NA	2.33E-04	NA	3.43E-02	1.63E-04	1.79E-04	NA	7.42E-04	7.42E-06	3.06E-03	NA
143	370911	3757863	Commercial	6.72E+00	7.97E-03	2.49E-06	1.59E-04	NA	1.13E-04	5.65E-04	3.34E-04	NA	2.53E-04	NA	3.93E-02	1.87E-04	1.84E-04	NA	7.88E-04	7.88E-06	3.08E-03	NA
144	370910	3757751	Commercial	8.48E+00	1.03E-02	3.22E-06	2.02E-04	NA	1.41E-04	7.05E-04	4.25E-04	NA	3.19E-04	NA	5.00E-02	2.38E-04	2.30E-04	NA	9.90E-04	9.90E-06	3.82E-03	NA
145	370930	3757712	Commercial	9.76E+00	1.16E-02	3.62E-06	2.31E-04	NA	1.64E-04	8.22E-04	4.85E-04	NA	3.67E-04	NA	5.71E-02	2.72E-04	2.67E-04	NA	1.15E-03	1.15E-05	4.47E-03	NA
146	370961	3757689	Commercial	1.08E+01	1.25E-02	3.92E-06	2.53E-04	NA	1.83E-04	9.13E-04	5.32E-04	NA	4.05E-04	NA	6.25E-02	2.98E-04	2.97E-04	NA	1.27E-03	1.27E-05	4.98E-03	NA
147	371046	3757693	Commercial	1.33E+01	1.35E-02	4.21E-06	3.05E-04	NA	2.41E-04	1.20E-03	6.29E-04	NA	5.05E-04	NA	7.43E-02	3.54E-04	3.88E-04	NA	1.61E-03	1.61E-05	6.66E-03	NA
148	371071	3757668	Commercial	1.51E+01	1.43E-02	4.47E-06	3.41E-04	NA	2.80E-04	1.40E-03	7.00E-04	NA	5.74E-04	NA	8.28E-02	3.94E-04	4.50E-04	NA	1.85E-03	1.85E-05	7.80E-03	NA
149	371071	3757585	Commercial	1.88E+01	1.63E-02	5.11E-06	4.17E-04	NA	3.57E-04	1.79E-03	8.48E-04	NA	7.14E-04	NA	1.00E-01	4.78E-04	5.72E-04	NA	2.32E-03	2.32E-05	9.99E-03	NA
150	371047	3757610	Commercial	1.71E+01	1.56E-02	4.88E-06	3.83E-04	NA	3.20E-04	1.60E-03	7.83E-04	NA	6.49E-04	NA	9.27E-02	4.41E-04	5.13E-04	NA	2.10E-03	2.10E-05	8.92E-03	NA
151	371122	3757609	Commercial	1.86E+01	1.58E-02	4.94E-06	4.12E-04	NA	3.57E-04	1.79E-03	8.36E-04	NA	7.09E-04	NA	9.91E-02	4.72E-04	5.71E-04	NA	2.31E-03	2.31E-05	1.00E-02	NA
152	371099	3757595	Commercial	1.88E+01	1.61E-02	5.04E-06	4.17E-04	NA	3.60E-04	1.80E-03	8.47E-04	NA	7.17E-04	NA	1.00E-01	4.78E-04	5.76E-04	NA	2.33E-03	2.33E-05	1.01E-02	NA
153	371135	3757663	Commercial	1.68E+01	1.47E-02	4.59E-06	3.73E-04	NA	3.19E-04	1.59E-03	7.59E-04	NA	6.39E-04	NA	9.00E-02	4.29E-04	5.11E-04	NA	2.07E-03	2.07E-05	8.92E-03	NA
168	371995	3757843	Commercial	1.06E+01	8.76E-03	2.74E-06	2.33E-04	NA	2.05E-04	1.02E-03	4.72E-04	NA	4.04E-04	NA	5.60E-02	2.67E-04	3.27E-04	NA	1.32E-03	1.32E-05	5.75E-03	NA
169	371969	3757867	Commercial	1.10E+01	8.93E-03	2.79E-06	2.42E-04	NA	2.14E-04	1.07E-03	4.88E-04	NA	4.20E-04	NA	5.79E-02	2.76E-04	3.42E-04	NA	1.37E-03	1.37E-05	6.02E-03	NA
170	372023	3757868	Commercial	1.04E+01	8.59E-03	2.68E-06	2.29E-04	NA	2.01E-04	1.01E-03	4.63E-04	NA	3.97E-04	NA	5.50E-02	2.62E-04	3.22E-04	NA	1.30E-03	1.30E-05	5.66E-03	NA
171	372048	3757843	Commercial	9.88E+00	8.38E-03	2.62E-06	2.19E-04	NA	1.90E-04	9.48E-04	4.43E-04	NA	3.76E-04	NA	5.25E-02	2.50E-04	3.03E-04	NA	1.23E-03	1.23E-05	5.31E-03	NA
172	372047	3757746	Commercial	8.65E+00	8.08E-03	2.53E-06	1.95E-04	NA	1.61E-04	8.04E-04	3.99E-04	NA	3.28E-04	NA	4.71E-02	2.24E-04	2.58E-04	NA	1.06E-03	1.06E-05	4.48E-03	NA
173	372046	3757649	Commercial	8.87E+00	7.84E-03	2.45E-06	1.98E-04	NA	1.68E-04	8.40E-04	4.02E-04	NA	3.37E-04	NA	4.77E-02	2.27E-04	2.69E-04	NA	1.09E-03	1.09E-05	4.70E-03	NA
174	372045	3757551	Commercial	9.99E+00	8.06E-03	2.52E-06	2.19E-04	NA	1.95E-04	9.73E-04	4.42E-04	NA	3.81E-04	NA	5.25E-02	2.50E-04	3.11E-04	NA	1.25E-03	1.25E-05	5.47E-03	NA
175	372041	3757448	Commercial	1.06E+01	8.43E-03	2.63E-06	2.31E-04	NA	2.07E-04	1.03E-03	4.66E-04	NA	4.03E-04	NA	5.54E-02	2.64E-04	3.30E-04	NA	1.32E-03	1.32E-05	5.81E-03	NA
176	372036	3757345	Commercial	1.01E+01	8.44E-03	2.64E-06	2.24E-04	NA	1.96E-04	9.80E-04	4.53E-04	NA	3.87E-04	NA	5.37E-02	2.56E-04	3.13E-04	NA	1.26E-03	1.26E-05	5.50E-03	NA
177	372032	3757242	Commercial	9.01E+00	8.74E-03	2.73E-06	2.04E-04	NA	1.65E-04	8.27E-04	4.20E-04	NA	3.42E-04	NA	4.96E-02	2.36E-04	2.66E-04	NA	1.10E-03	1.10E-05	4.59E-03	NA
178	372027	3757139	Commercial	1.07E+01	1.01E-02	3.16E-06	2.41E-04	NA	1.97E-04	9.87E-04	4.94E-04	NA	4.05E-04	NA	5.84E-02	2.78E-04	3.17E-04	NA	1.30E-03	1.30E-05	5.49E-03	NA
179	372003	3757115	Commercial	1.15E+01	1.06E-02	3.31E-06	2.58E-04	NA	2.15E-04	1.07E-03	5.28E-04	NA	4.37E-04	NA	6.25E-02	2.98E-04	3.45E-04	NA	1.41E-03	1.41E-05	5.99E-03	NA
180	371881	3757114	Commercial	1.15E+01	1.11E-02	3.48E-06	2.60E-04	NA	2.10E-04	1.05E-03	5.34E-04	NA	4.35E-04	NA	6.32E-02	3.01E-04	3.38E-04	NA	1.39E-03	1.39E-05	5.83E-03	NA
181	371758	3757113	Commercial	1.12E+01	1.17E-02	3.64E-06	2.58E-04	NA	2.00E-04	1.00E-03	5.34E-04	NA	4.24E-04	NA	6.30E-02	3.00E-04	3.23E-04	NA	1.35E-03	1.35E-05	5.53E-03	NA
182	371636	3757112	Commercial	1.32E+01	1.25E-02	3.92E-06	2.98E-04	NA	2.44E-04	1.22E-03	6.12E-04	NA	5.01E-04	NA	7.23E-02	3.44E-04	3.93E-04	NA	1.61E-03	1.61E-05	6.80E-03	NA
183	371514	3757111	Commercial	1.58E+01	1.35E-02	4.21E-06	3.51E-04	NA	3.04E-04	1.52E-03	7.11E-04	NA	6.03E-04	NA	8.43E-02	4.02E-04	4.86E-04	NA	1.97E-03	1.97E-05	8.52E-03	NA
184	371394	3757110	Commercial	1.90E+01	1.56E-02	4.86E-06	4.18E-04	NA	3.69E-04	1.84E-03	8.45E-04	NA	7.25E-04	NA	1.00E-01	4.77E-04	5.89E-04	NA	2.37E-03	2.37E-05	1.04E-02	NA
185	371275	3757110	Commercial	2.21E+01	1.78E-02	5.57E-06	4.85E-04	NA	4.30E-04	2.15E-03	9.77E-04	NA	8.42E-04	NA	1.16E-01	5.53E-04	6.87E-04	NA	2.76E-03	2.76E-05	1.21E-02	NA
186	371155	3757109	Commercial	2.46E+01	2.05E-02	6.42E-06	5.42E-04	NA	4.74E-04	2.37E-03	1.10E-03	NA	9.36E-04	NA	1.30E-01	6.20E-04	7.57E-04	NA	3.06E-03	3.06E-05	1.33E-02	NA
187	371035	3757108	Commercial	2.78E+01	2.54E-02	7.92E-06	6.23E-04	NA	5.20E-04	2.60E-03	1.27E-03	NA	1.06E-03	NA	1.50E-01	7.16E-04	8.35E-04	NA	3.41E-03	3.41E-05	1.45E-02	NA
188	371060	3757133	Commercial	2.71E+01	2.44E-02	7.62E-06	6.07E-04	NA	5.11E-04	2.56E-03	1.24E-03	NA	1.03E-03	NA	1.46E-01	6.97E-04	8.19E-04	NA	3.34E-03	3.34E-05	1.43E-02	NA
189	371059	3757085	Commercial	2.73E+01	2.42E-02	7.56E-06	6.08E-04	NA	5.16E-04	2.58E-03	1.24E-03	NA	1.04E-03	NA	1.47E-01	6.98E-04	8.26E-04	NA	3.36E-03	3.36E-05	1.44E-02	NA
190	371034	3757060	Commercial	2.90E+01	2.52E-02	7.89E-06	6.45E-04	NA	5.53E-04	2.76E-03	1.31E-03	NA	1.10E-03	NA	1.55E-01	7.40E-04	8.85E-04	NA	3.59E-03	3.59E-05	1.55E-02	NA
191	370944	3757061	Commercial	3.36E+01	3.01E-02	9.40E-06	7.50E-04	NA	6.33E-04	3.17E-03	1.53E-03	NA	1.28E-03	NA	1.81E-01	8.62E-04	1.02E-03	NA	4.13E-03	4.13E-05	1.77E-02	NA
192	370854	3757061	Commercial	4.26E+01	3.57E-02	1.12E-05	9.40E-04	NA	8.20E-04	4.10E-03	1.90E-03	NA	1.62E-03	NA	2.26E-01	1.08E-03	1.31E-03	NA	5.29E-03	5.29E-05	2.30E-02	NA
193	370764	3757062	Commercial	4.74E+01	4.02E-02	1.26E-05	1.05E-03	NA	9.09E-04	4.54E-03	2.12E-03	NA	1.80E-03	NA	2.52E-01	1.20E-03	1.45E-03	NA	5.88E-03	5.88E-05	2.55E-02	NA
194	370789	3757086	Commercial	4.44E+01	3.76E-02	1.17E-05	9.81E-04	NA	8.51E-04	4.26E-03	1.99E-03	NA	1.69E-03	NA	2.36E-01	1.12E-03	1.36E-03	NA	5.50E-03	5.50E-05	2.39E-02	NA
195	370786	3756996	Commercial	4.95E+01	4.22E-02	1.32E-05	1.10E-03	NA	9.49E-04	4.74E-03	2.22E-03	NA	1.89E-03	NA	2.64E-01	1.26E-03	1.52E-03	NA	6.14E-03	6.14E-05	2.66E-02	NA
196	370782	3756907	Commercial	5.01E+01	4.32E-02	1.35E-05	1.11E-03	NA	9.58E-04	4.79E-03	2.26E-03	NA	1.91E-03	NA	2.67E-01	1.27E-03	1.53E-03	NA	6.21E-03	6.21E-05	2.68E-02	NA
197	370779	3756817	Commercial	5.27E+01	4.91E-02	1.53E-05	1.19E-03	NA	9.82E-04	4.91E-03	2.42E-03	NA	2.00E-03	NA	2.87E-01	1.36E-03	1.58E-03	NA	6.45E-03	6.45E-05	2.73E-02	NA
198	370755	3756843	Commercial	5.65E+01	4.74E-02	1.48E-05	1.25E-03	NA	1.09E-03	5.44E-03	2.52E-03	NA	2.15E-03	NA	2.99E-01	1.42E-03	1.74E-03	NA	7.02E-03	7.02E-05	3.05E-02	NA
199	370847	3756839	Commercial	4.44E+01	4.16E-02	1.30E-05	1.00E-03	NA	8.25E-04	4.12E-03	2.04E-03	NA	1.69E-03	NA	2.42E-01	1.15E-03	1.32E-03	NA	5.43E-03	5.43E-05	2.30E-02	NA
200	370940	3756836	Commercial	4.09E+01	3.73E-02	1.17E-05	9.16E-04	NA	7.66E-04	3.83E-03	1.87E-03	NA	1.55E-03	NA	2.21E-01	1.05E-03	1.23E-03	NA	5.02E-03	5.02E-05	2.14E-02	NA
201	371032	3756832	Commercial	3.91E+01	3.36E-02	1.05E-05	8.68E-04	NA	7.48E-04	3.74E-03	1.76E-03	NA	1.49E-03	NA	2.09E-01	9.93E-04	1.20E-03	NA	4.85E-03	4.85E-05	2.10E-02	NA
202	371056	3756809	Commercial	4.11E+01	3.38E-02	1.06E-05	9.04E-04	NA	7.96E-04	3.98E-03	1.83E-03	NA	1.57E-03	NA	2.17E-01	1.03E-03	1.27E-03	NA	5.12E-03	5.12E-05	2.24E-02	NA
203	371058	3756782	Commercial	4.29E+01	3.46E-02	1.08E-05	9.41E-04	NA	8.35E-04	4.18E-03	1.90E-03	NA	1.64E-03	NA	2.25E-01	1.07E-03	1.33E-03	NA	5.36E-03	5.36E-05	2.35E-02	NA
204	371034	3756805	Commercial	4.25E+01	3.50E-02	1.09E-05	9.36E-04	NA	8.23E-04	4.12E-03	1.89E-03	NA	1.62E-03	NA	2.24E-01	1.07E-03	1.31E-03	NA	5.30E-03	5.30E-05	2.31E-02	NA
205	371146	3756803	Commercial	3.72E+01	3.00E-02	9.37E-06	8.16E-04	NA	7.25E-04	3.63E-03	1.65E-03	NA	1.42E-03	NA	1.95E-01	9.31E-04	1.16E-03	NA	4.65E-03	4.65E-05	2.04E-02	NA
206	371259	3756800	Commercial	3.23E+01	2.58E-02	8.07E-06	7.07E-04	NA	6.30E-04	3.15E-03	1.43E-03	NA	1.23E-03	NA	1.69E-01	8.06E-04	1.01E-03	NA	4.04E-03	4.04E-05	1.77E-02	NA
207	371371	3756798	Commercial	2.79E+01	2.24E-02	7.01E-06	6.12E-04	NA	5.44E-04	2.72E-03	1.23E-03	NA	1.06E-03	NA	1.46E-01	6.97E-04	8.69E-04	NA	3.49E-03	3.49E-05	1.53E-02	NA
208	371484	3756795	Commercial	2.41E+01	1.96E-02	6.13E-06	5.30E-04	NA	4.69E-04	2.35E-03	1.07E-03	NA	9.20E-04	NA	1.27E-01	6.05E-04	7.49E-04	NA	3.01E-03	3.01E-05	1.32E-02	NA
209	371595	3756793	Commercial	2.09E+01	1.73E-02	5.40E-06	4.61E-04	NA	4.05E-04	2.03E-03	9.32E-04	NA	7.98E-04	NA	1.11E-01	5.27E-04	6.48E-04	NA	2.61E-03	2.61E-05	1.14E-02	NA
210	371706	3756791	Commercial	1.82E+01	1.53E-02	4.79E-06	4.03E-04	NA	3.51E-04	1.76E-03	8.16E-04	NA	6.95E-04	NA	9.68E-02	4.61E-04	5.61E-04	NA	2.27E-03	2.27E-05	9.85E-03	NA
211	371818	3756788	Commercial	1.59E+01	1.37E-02	4.27E-06	3.53E-04	NA	3.05E-04	1.52E-03	7.17E-04	NA	6.07E-04	NA	8.50E-02	4.05E-04	4.88E-04	NA	1.98E-03	1.98E-05	8.54E-03	NA
212	371932	3756786	Commercial	1.40E+01	1.23E-02	3.83E-06	3.11E-04	NA	2.65E-04	1.32E-03	6.32E-04	NA	5.31E-04	NA	7.48E-02	3.56E-04	4.24E-04	NA	1.72E-03	1.72E-05	7.41E-03	NA
213	372046	3756783	Commercial	1.23E+01	1.10E-02	3.45E-06	2.74E-04	NA	2.31E-04	1.16E-03	5.59E-04	NA	4.67E-04	NA	6.62E-02	3.15E-04	3.71E-04	NA	1.51E-03	1.51E-05	6.46E-03	NA
214	372161	3756780	Commercial	1.09E+01	9.97E-03	3.12E-06	2.44E-04	NA	2.03E-04	1.01E-03	4.98E-04	NA	4.12E-04	NA	5.89E-02	2.80E-04	3.26E-04	NA	1.33E-03	1.33E-05	5.66E-03	NA
215	372275	3756778	Commercial	9.62E+00	9.05E-03	2.83E-06	2.17E-04	NA	1.78E-04	8.92E-04	4.44E-04	NA	3.65E-04	NA	5.25E-02	2.50E-04	2.86E-04	NA	1.18E-03	1.18E-05	4.96E-03	NA
216	372385	3756776	Commercial	8.62E+00	8.31E-03	2.60E-06	1.95E-04	NA	1.58E-04	7.92E-04	4.01E-04	NA	3.27E-04	NA	4.74E-02	2.26E-04	2.55E-04	NA	1.05E-03	1.05E-05	4.40E-03	NA
217	372494	3756773	Commercial	7.74E+00	7.63E-03	2.38E-06	1.76E-04	NA	1.41E-04	7.05E-04	3.62E-04	NA	2.93E-04	NA	4.28E-02	2.04E-04	2.27E-04	NA	9.38E-04	9.38E-06	3.91E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
218	372604	3756771	Commercial	6.98E+00	7.03E-03	2.20E-06	1.59E-04	NA	1.26E-04	6.31E-04	3.29E-04	NA	2.64E-04	NA	3.88E-02	1.85E-04	2.03E-04	NA	8.43E-04	8.43E-06	3.49E-03	NA
219	372714	3756768	Commercial	6.30E+00	6.51E-03	2.03E-06	1.45E-04	NA	1.13E-04	5.64E-04	2.99E-04	NA	2.38E-04	NA	3.53E-02	1.68E-04	1.82E-04	NA	7.59E-04	7.59E-06	3.12E-03	NA
220	372738	3756742	Commercial	5.69E+00	6.19E-03	1.94E-06	1.32E-04	NA	9.97E-05	4.98E-04	2.75E-04	NA	2.15E-04	NA	3.24E-02	1.54E-04	1.61E-04	NA	6.78E-04	6.78E-06	2.74E-03	NA
221	372733	3756647	Commercial	4.08E+00	5.42E-03	1.69E-06	9.91E-05	NA	6.46E-05	3.23E-04	2.11E-04	NA	1.53E-04	NA	2.47E-02	1.18E-04	1.06E-04	NA	4.67E-04	4.67E-06	1.73E-03	NA
222	372820	3756574	Commercial	3.31E+00	4.59E-03	1.43E-06	8.13E-05	NA	5.11E-05	2.55E-04	1.74E-04	NA	1.24E-04	NA	2.04E-02	9.70E-05	8.42E-05	NA	3.75E-04	3.75E-06	1.36E-03	NA
223	372844	3756548	Commercial	3.08E+00	4.32E-03	1.35E-06	7.59E-05	NA	4.72E-05	2.36E-04	1.63E-04	NA	1.15E-04	NA	1.90E-02	9.07E-05	7.78E-05	NA	3.48E-04	3.48E-06	1.25E-03	NA
224	372839	3756454	Commercial	2.15E+00	3.57E-03	1.11E-06	5.54E-05	NA	2.91E-05	1.45E-04	1.21E-04	NA	7.95E-05	NA	1.41E-02	6.73E-05	4.89E-05	NA	2.31E-04	2.31E-06	7.44E-04	NA
225	372821	3756363	Commercial	1.52E+00	2.95E-03	9.23E-07	4.12E-05	NA	1.77E-05	8.83E-05	9.22E-05	NA	5.58E-05	NA	1.07E-02	5.09E-05	3.06E-05	NA	1.56E-04	1.56E-06	4.28E-04	NA
226	372796	3756343	Commercial	1.47E+00	2.81E-03	8.77E-07	3.96E-05	NA	1.74E-05	8.68E-05	8.83E-05	NA	5.39E-05	NA	1.03E-02	4.88E-05	2.99E-05	NA	1.51E-04	1.51E-06	4.23E-04	NA
227	372731	3756328	Commercial	1.48E+00	2.82E-03	8.80E-07	3.98E-05	NA	1.75E-05	8.73E-05	8.87E-05	NA	5.42E-05	NA	1.03E-02	4.90E-05	3.01E-05	NA	1.52E-04	1.52E-06	4.26E-04	NA
228	372707	3756352	Commercial	1.57E+00	3.01E-03	9.41E-07	4.23E-05	NA	1.84E-05	9.21E-05	9.45E-05	NA	5.75E-05	NA	1.10E-02	5.22E-05	3.18E-05	NA	1.61E-04	1.61E-06	4.48E-04	NA
229	372928	3756344	Commercial	1.39E+00	2.65E-03	8.29E-07	3.74E-05	NA	1.63E-05	8.16E-05	8.34E-05	NA	5.08E-05	NA	9.67E-03	4.61E-05	2.81E-05	NA	1.42E-04	1.42E-06	3.97E-04	NA
230	372952	3756319	Commercial	1.31E+00	2.50E-03	7.81E-07	3.53E-05	NA	1.56E-05	7.79E-05	7.88E-05	NA	4.82E-05	NA	9.15E-03	4.36E-05	2.68E-05	NA	1.35E-04	1.35E-06	3.80E-04	NA
231	372951	3756245	Commercial	1.15E+00	2.09E-03	6.54E-07	3.06E-05	NA	1.43E-05	7.17E-05	6.77E-05	NA	4.24E-05	NA	7.87E-03	3.75E-05	2.45E-05	NA	1.21E-04	1.21E-06	3.57E-04	NA
232	372927	3756270	Commercial	1.18E+00	2.23E-03	6.97E-07	3.17E-05	NA	1.41E-05	7.07E-05	7.07E-05	NA	4.34E-05	NA	8.20E-03	3.91E-05	2.43E-05	NA	1.22E-04	1.22E-06	3.46E-04	NA
233	373033	3756268	Commercial	1.13E+00	2.13E-03	6.64E-07	3.03E-05	NA	1.36E-05	6.79E-05	6.75E-05	NA	4.15E-05	NA	7.83E-03	3.73E-05	2.34E-05	NA	1.17E-04	1.17E-06	3.33E-04	NA
234	373139	3756266	Commercial	1.08E+00	2.03E-03	6.34E-07	2.90E-05	NA	1.31E-05	6.53E-05	6.45E-05	NA	3.98E-05	NA	7.49E-03	3.57E-05	2.24E-05	NA	1.12E-04	1.12E-06	3.21E-04	NA
235	373245	3756264	Commercial	1.04E+00	1.94E-03	6.05E-07	2.77E-05	NA	1.26E-05	6.28E-05	6.17E-05	NA	3.81E-05	NA	7.17E-03	3.41E-05	2.16E-05	NA	1.08E-04	1.08E-06	3.09E-04	NA
236	373351	3756262	Commercial	9.95E-01	1.85E-03	5.79E-07	2.66E-05	NA	1.21E-05	6.03E-05	5.91E-05	NA	3.65E-05	NA	6.86E-03	3.27E-05	2.07E-05	NA	1.03E-04	1.03E-06	2.97E-04	NA
237	373457	3756261	Commercial	9.55E-01	1.77E-03	5.54E-07	2.55E-05	NA	1.16E-05	5.80E-05	5.66E-05	NA	3.51E-05	NA	6.58E-03	3.13E-05	1.99E-05	NA	9.91E-05	9.91E-07	2.86E-04	NA
238	373482	3756235	Commercial	9.07E-01	1.69E-03	5.27E-07	2.42E-05	NA	1.10E-05	5.51E-05	5.38E-05	NA	3.33E-05	NA	6.25E-03	2.98E-05	1.89E-05	NA	9.42E-05	9.42E-07	2.72E-04	NA
239	373480	3756123	Commercial	7.99E-01	1.28E-03	4.01E-07	2.04E-05	NA	1.11E-05	5.56E-05	4.45E-05	NA	2.96E-05	NA	5.19E-03	2.47E-05	1.86E-05	NA	8.70E-05	8.70E-07	2.87E-04	NA
240	373479	3756010	Commercial	7.82E-01	1.19E-03	3.71E-07	1.97E-05	NA	1.14E-05	5.69E-05	4.26E-05	NA	2.91E-05	NA	4.97E-03	2.37E-05	1.89E-05	NA	8.66E-05	8.66E-07	2.98E-04	NA
241	373477	3755897	Commercial	9.08E-01	1.37E-03	4.29E-07	2.28E-05	NA	1.32E-05	6.62E-05	4.94E-05	NA	3.38E-05	NA	5.77E-03	2.75E-05	2.20E-05	NA	1.01E-04	1.01E-06	3.47E-04	NA
242	373476	3755785	Commercial	1.05E+00	1.55E-03	4.85E-07	2.61E-05	NA	1.54E-05	7.71E-05	5.64E-05	NA	3.89E-05	NA	6.59E-03	3.14E-05	2.56E-05	NA	1.16E-04	1.16E-06	4.05E-04	NA
243	373474	3755672	Commercial	1.32E+00	1.74E-03	5.43E-07	3.20E-05	NA	2.11E-05	1.05E-04	6.81E-05	NA	4.95E-05	NA	7.98E-03	3.80E-05	3.45E-05	NA	1.52E-04	1.52E-06	5.66E-04	NA
244	373473	3755559	Commercial	1.71E+00	1.92E-03	6.00E-07	4.00E-05	NA	2.96E-05	1.48E-04	8.34E-05	NA	6.46E-05	NA	9.83E-03	4.68E-05	4.80E-05	NA	2.03E-04	2.03E-06	8.11E-04	NA
245	373447	3755535	Commercial	1.86E+00	1.99E-03	6.23E-07	4.30E-05	NA	3.27E-05	1.64E-04	8.92E-05	NA	7.01E-05	NA	1.05E-02	5.01E-05	5.29E-05	NA	2.22E-04	2.22E-06	9.00E-04	NA
246	373334	3755539	Commercial	2.10E+00	2.15E-03	6.73E-07	4.82E-05	NA	3.77E-05	1.89E-04	9.95E-05	NA	7.95E-05	NA	1.17E-02	5.59E-05	6.08E-05	NA	2.53E-04	2.53E-06	1.04E-03	NA
247	373221	3755544	Commercial	2.37E+00	2.33E-03	7.28E-07	5.39E-05	NA	4.33E-05	2.17E-04	1.11E-04	NA	8.99E-05	NA	1.31E-02	6.24E-05	6.97E-05	NA	2.88E-04	2.88E-06	1.20E-03	NA
248	373197	3755568	Commercial	2.33E+00	2.33E-03	7.28E-07	5.32E-05	NA	4.24E-05	2.12E-04	1.10E-04	NA	8.84E-05	NA	1.30E-02	6.17E-05	6.82E-05	NA	2.83E-04	2.83E-06	1.17E-03	NA
249	373196	3755636	Commercial	2.05E+00	2.22E-03	6.94E-07	4.75E-05	NA	3.60E-05	1.80E-04	9.88E-05	NA	7.74E-05	NA	1.16E-02	5.54E-05	5.82E-05	NA	2.45E-04	2.45E-06	9.89E-04	NA
250	373194	3755705	Commercial	1.76E+00	2.10E-03	6.55E-07	4.17E-05	NA	2.96E-05	1.48E-04	8.76E-05	NA	6.63E-05	NA	1.03E-02	4.91E-05	4.82E-05	NA	2.06E-04	2.06E-06	8.06E-04	NA
251	373220	3755680	Commercial	1.80E+00	2.10E-03	6.57E-07	4.25E-05	NA	3.06E-05	1.53E-04	8.91E-05	NA	6.80E-05	NA	1.05E-02	4.99E-05	4.98E-05	NA	2.12E-04	2.12E-06	8.36E-04	NA
252	373135	3755679	Commercial	2.02E+00	2.25E-03	7.02E-07	4.71E-05	NA	3.50E-05	1.75E-04	9.82E-05	NA	7.62E-05	NA	1.16E-02	5.51E-05	5.67E-05	NA	2.40E-04	2.40E-06	9.60E-04	NA
253	373160	3755704	Commercial	1.85E+00	2.16E-03	6.75E-07	4.36E-05	NA	3.14E-05	1.57E-04	9.14E-05	NA	6.96E-05	NA	1.07E-02	5.12E-05	5.10E-05	NA	2.17E-04	2.17E-06	8.55E-04	NA
254	373158	3755635	Commercial	2.16E+00	2.29E-03	7.16E-07	4.98E-05	NA	3.82E-05	1.91E-04	1.03E-04	NA	8.15E-05	NA	1.22E-02	5.80E-05	6.17E-05	NA	2.58E-04	2.58E-06	1.05E-03	NA
255	373156	3755566	Commercial	2.46E+00	2.41E-03	7.52E-07	5.59E-05	NA	4.50E-05	2.25E-04	1.15E-04	NA	9.33E-05	NA	1.36E-02	6.46E-05	7.24E-05	NA	2.99E-04	2.99E-06	1.25E-03	NA
256	373132	3755542	Commercial	2.63E+00	2.49E-03	7.77E-07	5.94E-05	NA	4.87E-05	2.44E-04	1.22E-04	NA	9.99E-05	NA	1.44E-02	6.85E-05	7.83E-05	NA	3.21E-04	3.21E-06	1.36E-03	NA
257	373055	3755538	Commercial	2.88E+00	2.63E-03	8.21E-07	6.45E-05	NA	5.39E-05	2.69E-04	1.32E-04	NA	1.09E-04	NA	1.56E-02	7.42E-05	8.64E-05	NA	3.53E-04	3.53E-06	1.50E-03	NA
258	373079	3755562	Commercial	2.70E+00	2.55E-03	7.98E-07	6.10E-05	NA	5.01E-05	2.50E-04	1.25E-04	NA	1.03E-04	NA	1.48E-02	7.03E-05	8.04E-05	NA	3.30E-04	3.30E-06	1.39E-03	NA
259	373077	3755465	Commercial	3.08E+00	2.67E-03	8.34E-07	6.84E-05	NA	5.87E-05	2.94E-04	1.39E-04	NA	1.17E-04	NA	1.65E-02	7.84E-05	9.40E-05	NA	3.81E-04	3.81E-06	1.64E-03	NA
260	373075	3755368	Commercial	3.34E+00	2.74E-03	8.55E-07	7.35E-05	NA	6.48E-05	3.24E-04	1.48E-04	NA	1.27E-04	NA	1.76E-02	8.39E-05	1.03E-04	NA	4.16E-04	4.16E-06	1.82E-03	NA
261	373073	3755271	Commercial	3.45E+00	2.75E-03	8.58E-07	7.55E-05	NA	6.74E-05	3.37E-04	1.52E-04	NA	1.32E-04	NA	1.81E-02	8.60E-05	1.08E-04	NA	4.31E-04	4.31E-06	1.90E-03	NA
262	373071	3755174	Commercial	3.39E+00	2.70E-03	8.43E-07	7.42E-05	NA	6.63E-05	3.31E-04	1.49E-04	NA	1.29E-04	NA	1.77E-02	8.45E-05	1.06E-04	NA	4.24E-04	4.24E-06	1.87E-03	NA
263	373046	3755149	Commercial	3.37E+00	2.70E-03	8.43E-07	7.38E-05	NA	6.57E-05	3.29E-04	1.49E-04	NA	1.28E-04	NA	1.77E-02	8.41E-05	1.05E-04	NA	4.21E-04	4.21E-06	1.85E-03	NA
264	372939	3755150	Commercial	3.41E+00	2.78E-03	8.68E-07	7.49E-05	NA	6.62E-05	3.31E-04	1.51E-04	NA	1.30E-04	NA	1.79E-02	8.55E-05	1.06E-04	NA	4.25E-04	4.25E-06	1.86E-03	NA
265	372832	3755151	Commercial	3.40E+00	2.84E-03	8.88E-07	7.50E-05	NA	6.55E-05	3.28E-04	1.52E-04	NA	1.30E-04	NA	1.80E-02	8.58E-05	1.05E-04	NA	4.23E-04	4.23E-06	1.84E-03	NA
266	372725	3755152	Commercial	3.33E+00	2.89E-03	9.03E-07	7.41E-05	NA	6.36E-05	3.18E-04	1.50E-04	NA	1.27E-04	NA	1.78E-02	8.49E-05	1.02E-04	NA	4.13E-04	4.13E-06	1.78E-03	NA
267	372623	3755157	Commercial	3.25E+00	2.93E-03	9.16E-07	7.26E-05	NA	6.11E-05	3.05E-04	1.48E-04	NA	1.23E-04	NA	1.75E-02	8.35E-05	9.79E-05	NA	3.99E-04	3.99E-06	1.70E-03	NA
268	372527	3755158	Commercial	3.09E+00	2.94E-03	9.18E-07	6.98E-05	NA	5.71E-05	2.85E-04	1.43E-04	NA	1.17E-04	NA	1.69E-02	8.06E-05	9.17E-05	NA	3.77E-04	3.77E-06	1.59E-03	NA
269	372431	3755159	Commercial	2.90E+00	2.93E-03	9.15E-07	6.62E-05	NA	5.23E-05	2.61E-04	1.37E-04	NA	1.10E-04	NA	1.61E-02	7.69E-05	8.43E-05	NA	3.50E-04	3.50E-06	1.45E-03	NA
270	372334	3755160	Commercial	2.66E+00	2.89E-03	9.04E-07	6.17E-05	NA	4.66E-05	2.33E-04	1.28E-04	NA	1.00E-04	NA	1.51E-02	7.21E-05	7.54E-05	NA	3.17E-04	3.17E-06	1.28E-03	NA
271	372237	3755161	Commercial	2.40E+00	2.84E-03	8.88E-07	5.67E-05	NA	4.04E-05	2.02E-04	1.19E-04	NA	9.02E-05	NA	1.40E-02	6.67E-05	6.57E-05	NA	2.81E-04	2.81E-06	1.10E-03	NA
272	372139	3755161	Commercial	2.11E+00	2.76E-03	8.63E-07	5.12E-05	NA	3.38E-05	1.69E-04	1.09E-04	NA	7.92E-05	NA	1.28E-02	6.07E-05	5.54E-05	NA	2.43E-04	2.43E-06	9.09E-04	NA
273	372040	3755162	Commercial	1.83E+00	2.66E-03	8.31E-07	4.55E-05	NA	2.74E-05	1.37E-04	9.79E-05	NA	6.82E-05	NA	1.15E-02	5.45E-05	4.53E-05	NA	2.05E-04	2.05E-06	7.22E-04	NA
274	371941	3755163	Commercial	1.65E+00	2.54E-03	7.95E-07	4.16E-05	NA	2.36E-05	1.18E-04	9.03E-05	NA	6.11E-05	NA	1.05E-02	5.02E-05	3.93E-05	NA	1.81E-04	1.81E-06	6.14E-04	NA
275	371843	3755164	Commercial	1.55E+00	2.42E-03	7.56E-07	3.93E-05	NA	2.21E-05	1.10E-04	8.54E-05	NA	5.76E-05	NA	9.96E-03	4.75E-05	3.68E-05	NA	1.70E-04	1.70E-06	5.74E-04	NA
276	371748	3755165	Commercial	1.38E+00	2.25E-03	7.04E-07	3.54E-05	NA	1.89E-05	9.46E-05	7.74E-05	NA	5.11E-05	NA	9.03E-03	4.30E-05	3.18E-05	NA	1.49E-04	1.49E-06	4.86E-04	NA
277	371653	3755165	Commercial	1.62E+00	2.61E-03	8.15E-07	4.14E-05	NA	2.24E-05	1.12E-04	9.01E-05	NA	5.99E-05	NA	1.05E-02	5.00E-05	3.75E-05	NA	1.75E-04	1.75E-06	5.77E-04	NA
278	371558	3755166	Commercial	2.25E+00	3.10E-03	9.68E-07	5.51E-05	NA	3.48E-05	1.74E-04	1.18E-04	NA	8.40E-05	NA	1.38E-02	6.57E-05	5.74E-05	NA	2.55E-04	2.55E-06	9.28E-04	NA
279	371463	3755167	Commercial	3.08E+00	3.64E-03	1.14E-06	7.27E-05	NA	5.19E-05	2.60E-04	1.53E-04	NA	1.16E-04	NA	1.79E-02	8.55E-05	8.44E-05	NA	3.61E-04	3.61E-06	1.41E-03	NA
280	371359	3755168	Commercial	4.18E+00	4.26E-03	1.33E-06	9.57E-05	NA	7.52E-05	3.76E-04	1.98E-04	NA	1.58E-04	NA	2.33E-02	1.11E-04	1.21E-04	NA	5.04E-04	5.04E-06	2.08E-03	NA
281	371256	3755169	Commercial	5.36E+00	4.87E-03	1.52E-06	1.20E-04	NA	1.01E-04	5.03E-04	2.45E-04	NA	2.04E-04	NA	2.90E-02	1.38E-04	1.61E-04	NA	6.58E-04	6.58E-06	2.81E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc.	AMMONIUM ION	AMMONIUM ION	ANTIMONY	ANTIMONY	ARSENIC	ARSENIC	BROMINE	BROMINE	CADMIUM	CADMIUM	CHLORINE	CHLORINE	CHROMIUM VI	CHROMIUM VI	COPPER	COPPER	LEAD	LEAD
				($\mu g/m^3$)	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard	($\mu g/m^3$)	Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
282	371152	3755170	Commercial	6.39E+00	5.40E-03	1.69E-06	1.41E-04	NA	1.23E-04	6.14E-04	2.86E-04	NA	2.43E-04	NA	3.39E-02	1.62E-04	1.96E-04	NA	7.93E-04	7.93E-06	3.44E-03	NA
283	371049	3755171	Commercial	6.99E+00	5.75E-03	1.80E-06	1.54E-04	NA	1.35E-04	6.77E-04	3.11E-04	NA	2.67E-04	NA	3.69E-02	1.76E-04	2.16E-04	NA	8.71E-04	8.71E-06	3.80E-03	NA
284	371024	3755197	Commercial	7.19E+00	5.92E-03	1.85E-06	1.58E-04	NA	1.39E-04	6.96E-04	3.20E-04	NA	2.74E-04	NA	3.80E-02	1.81E-04	2.22E-04	NA	8.95E-04	8.95E-06	3.91E-03	NA
285	371028	3755273	Commercial	7.51E+00	6.23E-03	1.95E-06	1.66E-04	NA	1.45E-04	7.26E-04	3.35E-04	NA	2.86E-04	NA	3.98E-02	1.89E-04	2.32E-04	NA	9.35E-04	9.35E-06	4.08E-03	NA
286	371031	3755350	Commercial	7.69E+00	6.50E-03	2.03E-06	1.70E-04	NA	1.48E-04	7.38E-04	3.45E-04	NA	2.93E-04	NA	4.09E-02	1.95E-04	2.36E-04	NA	9.54E-04	9.54E-06	4.14E-03	NA
287	371020	3755376	Commercial	7.84E+00	6.66E-03	2.08E-06	1.74E-04	NA	1.50E-04	7.52E-04	3.52E-04	NA	2.99E-04	NA	4.17E-02	1.99E-04	2.41E-04	NA	9.73E-04	9.73E-06	4.22E-03	NA
288	371018	3755470	Commercial	7.86E+00	6.96E-03	2.18E-06	1.75E-04	NA	1.49E-04	7.44E-04	3.57E-04	NA	2.99E-04	NA	4.23E-02	2.01E-04	2.38E-04	NA	9.70E-04	9.70E-06	4.16E-03	NA
289	371017	3755556	Commercial	7.59E+00	7.14E-03	2.23E-06	1.71E-04	NA	1.41E-04	7.04E-04	3.50E-04	NA	2.88E-04	NA	4.15E-02	1.97E-04	2.26E-04	NA	9.28E-04	9.28E-06	3.92E-03	NA
290	371040	3755532	Commercial	7.25E+00	6.87E-03	2.15E-06	1.64E-04	NA	1.34E-04	6.71E-04	3.35E-04	NA	2.75E-04	NA	3.97E-02	1.89E-04	2.15E-04	NA	8.85E-04	8.85E-06	3.73E-03	NA
291	371026	3755420	Commercial	7.79E+00	6.76E-03	2.11E-06	1.73E-04	NA	1.48E-04	7.42E-04	3.52E-04	NA	2.97E-04	NA	4.17E-02	1.98E-04	2.38E-04	NA	9.64E-04	9.64E-06	4.16E-03	NA
292	371016	3755399	Commercial	7.92E+00	6.76E-03	2.11E-06	1.75E-04	NA	1.52E-04	7.58E-04	3.56E-04	NA	3.01E-04	NA	4.22E-02	2.01E-04	2.43E-04	NA	9.82E-04	9.82E-06	4.25E-03	NA
293	370916	3755327	Commercial	8.19E+00	6.83E-03	2.13E-06	1.81E-04	NA	1.58E-04	7.90E-04	3.66E-04	NA	3.12E-04	NA	4.34E-02	2.07E-04	2.52E-04	NA	1.02E-03	1.02E-05	4.43E-03	NA
294	370816	3755255	Commercial	6.88E+00	6.23E-03	1.95E-06	1.54E-04	NA	1.29E-04	6.47E-04	3.15E-04	NA	2.62E-04	NA	3.72E-02	1.77E-04	2.07E-04	NA	8.46E-04	8.46E-06	3.61E-03	NA
385	370885	3757751	Commercial	8.00E+00	9.92E-03	3.10E-06	1.91E-04	NA	1.32E-04	6.58E-04	4.04E-04	NA	3.00E-04	NA	4.74E-02	2.26E-04	2.15E-04	NA	9.29E-04	9.29E-06	3.56E-03	NA
386	370907	3757702	Commercial	9.62E+00	1.15E-02	3.60E-06	2.28E-04	NA	1.61E-04	8.06E-04	4.80E-04	NA	3.62E-04	NA	5.64E-02	2.69E-04	2.62E-04	NA	1.13E-03	1.13E-05	4.38E-03	NA
387	370945	3757670	Commercial	1.10E+01	1.28E-02	4.01E-06	2.59E-04	NA	1.87E-04	9.33E-04	5.44E-04	NA	4.14E-04	NA	6.40E-02	3.05E-04	3.03E-04	NA	1.29E-03	1.29E-05	5.09E-03	NA
388	371046	3757668	Commercial	1.44E+01	1.41E-02	4.41E-06	3.27E-04	NA	2.63E-04	1.32E-03	6.74E-04	NA	5.46E-04	NA	7.96E-02	3.79E-04	4.24E-04	NA	1.75E-03	1.75E-05	7.31E-03	NA
389	371046	3757585	Commercial	1.82E+01	1.63E-02	5.09E-06	4.07E-04	NA	3.44E-04	1.72E-03	8.30E-04	NA	6.93E-04	NA	9.83E-02	4.68E-04	5.52E-04	NA	2.25E-03	2.25E-05	9.62E-03	NA
390	371122	3757584	Commercial	1.95E+01	1.63E-02	5.10E-06	4.30E-04	NA	3.75E-04	1.88E-03	8.71E-04	NA	7.42E-04	NA	1.03E-01	4.92E-04	6.00E-04	NA	2.42E-03	2.42E-05	1.05E-02	NA
399	371970	3757842	Commercial	1.09E+01	8.94E-03	2.80E-06	2.40E-04	NA	2.11E-04	1.06E-03	4.84E-04	NA	4.15E-04	NA	5.75E-02	2.74E-04	3.37E-04	NA	1.36E-03	1.36E-05	5.93E-03	NA
400	372023	3757843	Commercial	1.02E+01	8.56E-03	2.68E-06	2.26E-04	NA	1.97E-04	9.84E-04	4.57E-04	NA	3.89E-04	NA	5.42E-02	2.58E-04	3.15E-04	NA	1.27E-03	1.27E-05	5.52E-03	NA
401	372020	3757552	Commercial	1.00E+01	8.15E-03	2.55E-06	2.21E-04	NA	1.95E-04	9.77E-04	4.45E-04	NA	3.83E-04	NA	5.28E-02	2.52E-04	3.12E-04	NA	1.25E-03	1.25E-05	5.49E-03	NA
402	372002	3757140	Commercial	1.06E+01	1.02E-02	3.19E-06	2.40E-04	NA	1.95E-04	9.77E-04	4.93E-04	NA	4.03E-04	NA	5.83E-02	2.78E-04	3.14E-04	NA	1.29E-03	1.29E-05	5.43E-03	NA
403	371514	3757136	Commercial	1.63E+01	1.36E-02	4.24E-06	3.60E-04	NA	3.15E-04	1.58E-03	7.28E-04	NA	6.22E-04	NA	8.64E-02	4.11E-04	5.04E-04	NA	2.03E-03	2.03E-05	8.85E-03	NA
404	371035	3757133	Commercial	2.91E+01	2.56E-02	7.99E-06	6.49E-04	NA	5.53E-04	2.77E-03	1.32E-03	NA	1.11E-03	NA	1.56E-01	7.44E-04	8.86E-04	NA	3.60E-03	3.60E-05	1.55E-02	NA
405	371034	3757085	Commercial	2.76E+01	2.52E-02	7.89E-06	6.19E-04	NA	5.17E-04	2.58E-03	1.26E-03	NA	1.05E-03	NA	1.50E-01	7.12E-04	8.29E-04	NA	3.39E-03	3.39E-05	1.44E-02	NA
406	370764	3757087	Commercial	4.42E+01	3.82E-02	1.19E-05	9.81E-04	NA	8.43E-04	4.21E-03	1.99E-03	NA	1.68E-03	NA	2.36E-01	1.12E-03	1.35E-03	NA	5.47E-03	5.47E-05	2.36E-02	NA
407	370754	3756818	Commercial	5.67E+01	5.10E-02	1.59E-05	1.27E-03	NA	1.07E-03	5.35E-03	2.58E-03	NA	2.16E-03	NA	3.06E-01	1.46E-03	1.71E-03	NA	6.98E-03	6.98E-05	2.99E-02	NA
408	371031	3756807	Commercial	4.24E+01	3.50E-02	1.09E-05	9.34E-04	NA	8.20E-04	4.10E-03	1.89E-03	NA	1.62E-03	NA	2.24E-01	1.07E-03	1.31E-03	NA	5.28E-03	5.28E-05	2.30E-02	NA
409	371033	3756780	Commercial	4.45E+01	3.60E-02	1.12E-05	9.77E-04	NA	8.67E-04	4.33E-03	1.97E-03	NA	1.70E-03	NA	2.34E-01	1.11E-03	1.38E-03	NA	5.56E-03	5.56E-05	2.44E-02	NA
410	371483	3756770	Commercial	2.32E+01	1.94E-02	6.05E-06	5.12E-04	NA	4.48E-04	2.24E-03	1.04E-03	NA	8.85E-04	NA	1.23E-01	5.86E-04	7.17E-04	NA	2.89E-03	2.89E-05	1.26E-02	NA
411	371817	3756763	Commercial	1.50E+01	1.34E-02	4.18E-06	3.36E-04	NA	2.84E-04	1.42E-03	6.83E-04	NA	5.72E-04	NA	8.09E-02	3.85E-04	4.55E-04	NA	1.85E-03	1.85E-05	7.94E-03	NA
412	372274	3756753	Commercial	8.94E+00	8.80E-03	2.75E-06	2.03E-04	NA	1.63E-04	8.15E-04	4.18E-04	NA	3.39E-04	NA	4.94E-02	2.35E-04	2.62E-04	NA	1.08E-03	1.08E-05	4.52E-03	NA
413	372713	3756743	Commercial	5.84E+00	6.31E-03	1.97E-06	1.35E-04	NA	1.03E-04	5.13E-04	2.81E-04	NA	2.20E-04	NA	3.32E-02	1.58E-04	1.66E-04	NA	6.97E-04	6.97E-06	2.82E-03	NA
414	372703	3756553	Commercial	3.32E+00	4.70E-03	1.47E-06	8.20E-05	NA	5.06E-05	2.53E-04	1.76E-04	NA	1.24E-04	NA	2.06E-02	9.80E-05	8.35E-05	NA	3.74E-04	3.74E-06	1.34E-03	NA
415	372819	3756549	Commercial	3.12E+00	4.39E-03	1.37E-06	7.69E-05	NA	4.78E-05	2.39E-04	1.65E-04	NA	1.17E-04	NA	1.93E-02	9.19E-05	7.88E-05	NA	3.52E-04	3.52E-06	1.27E-03	NA
416	372814	3756455	Commercial	2.18E+00	3.63E-03	1.13E-06	5.63E-05	NA	2.95E-05	1.47E-04	1.23E-04	NA	8.07E-05	NA	1.44E-02	6.84E-05	4.96E-05	NA	2.35E-04	2.35E-06	7.54E-04	NA
417	372797	3756368	Commercial	1.56E+00	3.02E-03	9.45E-07	4.22E-05	NA	1.80E-05	9.00E-05	9.43E-05	NA	5.70E-05	NA	1.09E-02	5.21E-05	3.12E-05	NA	1.59E-04	1.59E-06	4.35E-04	NA
418	372705	3756372	Commercial	1.65E+00	3.20E-03	9.99E-07	4.46E-05	NA	1.90E-05	9.51E-05	9.96E-05	NA	6.02E-05	NA	1.16E-02	5.50E-05	3.29E-05	NA	1.68E-04	1.68E-06	4.60E-04	NA
419	372706	3756327	Commercial	1.49E+00	2.85E-03	8.90E-07	4.02E-05	NA	1.76E-05	8.81E-05	8.96E-05	NA	5.47E-05	NA	1.04E-02	4.95E-05	3.04E-05	NA	1.53E-04	1.53E-06	4.29E-04	NA
420	372927	3756319	Commercial	1.33E+00	2.53E-03	7.91E-07	3.58E-05	NA	1.58E-05	7.88E-05	7.98E-05	NA	4.88E-05	NA	9.26E-03	4.41E-05	2.72E-05	NA	1.37E-04	1.37E-06	3.85E-04	NA
421	372926	3756245	Commercial	1.17E+00	2.11E-03	6.61E-07	3.10E-05	NA	1.47E-05	7.33E-05	6.86E-05	NA	4.31E-05	NA	7.97E-03	3.80E-05	2.50E-05	NA	1.23E-04	1.23E-06	3.65E-04	NA
422	373457	3756236	Commercial	9.16E-01	1.70E-03	5.32E-07	2.44E-05	NA	1.11E-05	5.56E-05	5.43E-05	NA	3.36E-05	NA	6.31E-03	3.01E-05	1.91E-05	NA	9.50E-05	9.50E-07	2.74E-04	NA
423	373448	3755560	Commercial	1.76E+00	1.95E-03	6.10E-07	4.10E-05	NA	3.06E-05	1.53E-04	8.55E-05	NA	6.64E-05	NA	1.01E-02	4.80E-05	4.95E-05	NA	2.09E-04	2.09E-06	8.39E-04	NA
424	373222	3755569	Commercial	2.26E+00	2.29E-03	7.15E-07	5.18E-05	NA	4.09E-05	2.05E-04	1.07E-04	NA	8.58E-05	NA	1.26E-02	6.00E-05	6.59E-05	NA	2.74E-04	2.74E-06	1.13E-03	NA
425	373219	3755705	Commercial	1.70E+00	2.05E-03	6.42E-07	4.04E-05	NA	2.84E-05	1.42E-04	8.50E-05	NA	6.40E-05	NA	9.99E-03	4.76E-05	4.63E-05	NA	1.99E-04	1.99E-06	7.72E-04	NA
426	373135	3755704	Commercial	1.91E+00	2.20E-03	6.89E-07	4.49E-05	NA	3.26E-05	1.63E-04	9.40E-05	NA	7.19E-05	NA	1.11E-02	5.26E-05	5.29E-05	NA	2.25E-04	2.25E-06	8.89E-04	NA
427	373131	3755567	Commercial	2.53E+00	2.45E-03	7.66E-07	5.73E-05	NA	4.64E-05	2.32E-04	1.18E-04	NA	9.59E-05	NA	1.39E-02	6.63E-05	7.46E-05	NA	3.08E-04	3.08E-06	1.29E-03	NA
428	373054	3755563	Commercial	2.78E+00	2.60E-03	8.11E-07	6.25E-05	NA	5.16E-05	2.58E-04	1.28E-04	NA	1.05E-04	NA	1.51E-02	7.21E-05	8.29E-05	NA	3.40E-04	3.40E-06	1.44E-03	NA
429	373046	3755174	Commercial	3.41E+00	2.72E-03	8.50E-07	7.47E-05	NA	6.67E-05	3.33E-04	1.51E-04	NA	1.30E-04	NA	1.79E-02	8.51E-05	1.06E-04	NA	4.27E-04	4.27E-06	1.88E-03	NA
430	372725	3755177	Commercial	3.46E+00	2.95E-03	9.21E-07	7.65E-05	NA	6.62E-05	3.31E-04	1.55E-04	NA	1.32E-04	NA	1.84E-02	8.76E-05	1.06E-04	NA	4.29E-04	4.29E-06	1.86E-03	NA
431	372624	3755182	Commercial	3.38E+00	2.99E-03	9.35E-07	7.54E-05	NA	6.41E-05	3.20E-04	1.54E-04	NA	1.29E-04	NA	1.82E-02	8.66E-05	1.03E-04	NA	4.18E-04	4.18E-06	1.79E-03	NA
432	372238	3755186	Commercial	2.57E+00	2.94E-03	9.18E-07	6.04E-05	NA	4.41E-05	2.21E-04	1.26E-04	NA	9.70E-05	NA	1.49E-02	7.08E-05	7.16E-05	NA	3.04E-04	3.04E-06	1.21E-03	NA
433	371843	3755189	Commercial	1.63E+00	2.53E-03	7.91E-07	4.13E-05	NA	2.34E-05	1.17E-04	8.98E-05	NA	6.07E-05	NA	1.05E-02	4.99E-05	3.90E-05	NA	1.80E-04	1.80E-06	6.09E-04	NA
434	371463	3755192	Commercial	2.96E+00	3.61E-03	1.13E-06	7.04E-05	NA	4.91E-05	2.46E-04	1.48E-04	NA	1.11E-04	NA	1.74E-02	8.30E-05	8.01E-05	NA	3.45E-04	3.45E-06	1.33E-03	NA
435	371049	3755196	Commercial	7.10E+00	5.85E-03	1.83E-06	1.56E-04	NA	1.38E-04	6.88E-04	3.16E-04	NA	2.71E-04	NA	3.75E-02	1.79E-04	2.20E-04	NA	8.85E-04	8.85E-06	3.86E-03	NA
436	371056	3755349	Commercial	7.41E+00	6.35E-03	1.99E-06	1.64E-04	NA	1.42E-04	7.09E-04	3.33E-04	NA	2.82E-04	NA	3.95E-02	1.88E-04	2.27E-04	NA	9.18E-04	9.18E-06	3.97E-03	NA
437	371043	3755384	Commercial	7.57E+00	6.54E-03	2.04E-06	1.68E-04	NA	1.44E-04	7.22E-04	3.41E-04	NA	2.88E-04	NA	4.04E-02	1.93E-04	2.31E-04	NA	9.37E-04	9.37E-06	4.05E-03	NA
438	371042	3755556	Commercial	7.07E+00	6.86E-03	2.15E-06	1.60E-04	NA	1.30E-04	6.48E-04	3.30E-04	NA	2.68E-04	NA	3.89E-02	1.85E-04	2.09E-04	NA	8.60E-04	8.60E-06	3.60E-03	NA
439	370996	3755560	Commercial	8.01E+00	7.38E-03	2.31E-06	1.80E-04	NA	1.50E-04	7.49E-04	3.68E-04	NA	3.04E-04	NA	4.35E-02	2.07E-04	2.40E-04	NA	9.83E-04	9.83E-06	4.17E-03	NA
440	371001	3755419	Commercial	8.11E+00	6.93E-03	2.17E-06	1.80E-04	NA	1.55E-04	7.77E-04	3.65E-04	NA	3.09E-04	NA	4.32E-02	2.06E-04	2.49E-04	NA	1.01E-03	1.01E-05	4.35E-03	NA
441	370801	3755276	Commercial	6.97E+00	6.35E-03	1.98E-06	1.56E-04	NA	1.31E-04	6.54E-04	3.19E-04	NA	2.65E-04	NA	3.78E-02	1.80E-04	2.10E-04	NA	8.56E-04	8.56E-06	3.65E-03	NA
1	372249	3757612	Residence	8.93E+00	7.11E-03	2.22E-06	1.95E-04	NA	1.74E-04	8.72E-04	3.94E-04	NA	3.41E-04	NA	4.68E-02	2.23E-04	2.78E-04	NA	1.12E-03	1.12E-05	4.91E-03	NA
2	372499	3757612	Residence	7.74E+00	6.21E-03	1.94E-06	1.70E-04	NA	1.51E-04	7.55E-04	3.42E-04	NA	2.95E-04	NA	4.06E-02	1.93E-04	2.41E-04	NA	9.68E-04	9.68E-06	4.25E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
			CalEPA Acute REL	NA		3200		NA		0.2		NA		NA		210		NA		100		NA
3	372249	3757862	Residence	7.28E+00	6.93E-03	2.17E-06	1.64E-04	NA	1.34E-04	6.72E-04	3.37E-04	NA	2.76E-04	NA	3.99E-02	1.90E-04	2.16E-04	NA	8.88E-04	8.88E-06	3.74E-03	NA
4	372499	3757862	Residence	6.75E+00	5.65E-03	1.76E-06	1.49E-04	NA	1.30E-04	6.50E-04	3.02E-04	NA	2.57E-04	NA	3.58E-02	1.70E-04	2.08E-04	NA	8.39E-04	8.39E-06	3.65E-03	NA
5	372249	3758112	Residence	9.07E+00	7.25E-03	2.27E-06	1.99E-04	NA	1.77E-04	8.86E-04	4.01E-04	NA	3.46E-04	NA	4.76E-02	2.26E-04	2.83E-04	NA	1.13E-03	1.13E-05	4.99E-03	NA
6	372499	3758112	Residence	7.00E+00	6.12E-03	1.91E-06	1.56E-04	NA	1.33E-04	6.65E-04	3.16E-04	NA	2.66E-04	NA	3.75E-02	1.79E-04	2.13E-04	NA	8.65E-04	8.65E-06	3.72E-03	NA
7	372249	3758362	Residence	7.43E+00	6.34E-03	1.98E-06	1.65E-04	NA	1.42E-04	7.12E-04	3.34E-04	NA	2.83E-04	NA	3.96E-02	1.89E-04	2.28E-04	NA	9.22E-04	9.22E-06	3.99E-03	NA
8	372499	3758362	Residence	7.66E+00	6.09E-03	1.90E-06	1.68E-04	NA	1.50E-04	7.50E-04	3.38E-04	NA	2.92E-04	NA	4.01E-02	1.91E-04	2.39E-04	NA	9.59E-04	9.59E-06	4.22E-03	NA
9	373793	3755335	Residence	1.81E+00	1.80E-03	5.64E-07	4.12E-05	NA	3.28E-05	1.64E-04	8.49E-05	NA	6.85E-05	NA	1.00E-02	4.78E-05	5.28E-05	NA	2.19E-04	2.19E-06	9.08E-04	NA
10	374093	3755335	Residence	1.32E+00	1.50E-03	4.68E-07	3.10E-05	NA	2.28E-05	1.14E-04	6.47E-05	NA	4.99E-05	NA	7.62E-03	3.63E-05	3.70E-05	NA	1.57E-04	1.57E-06	6.24E-04	NA
11	373793	3755710	Residence	8.98E-01	1.33E-03	4.15E-07	2.24E-05	NA	1.33E-05	6.64E-05	4.84E-05	NA	3.34E-05	NA	5.66E-03	2.69E-05	2.20E-05	NA	1.00E-04	1.00E-06	3.49E-04	NA
12	374093	3755710	Residence	7.27E-01	1.08E-03	3.38E-07	1.82E-05	NA	1.07E-05	5.36E-05	3.93E-05	NA	2.71E-05	NA	4.59E-03	2.18E-05	1.78E-05	NA	8.09E-05	8.09E-07	2.82E-04	NA
13	373793	3756085	Residence	6.94E-01	1.09E-03	3.40E-07	1.76E-05	NA	9.83E-06	4.91E-05	3.83E-05	NA	2.58E-05	NA	4.47E-03	2.13E-05	1.64E-05	NA	7.60E-05	7.60E-07	2.55E-04	NA
14	374093	3756085	Residence	6.16E-01	1.00E-03	3.13E-07	1.58E-05	NA	8.46E-06	4.23E-05	3.45E-05	NA	2.28E-05	NA	4.02E-03	1.92E-05	1.42E-05	NA	6.67E-05	6.67E-07	2.18E-04	NA
15	373793	3756460	Residence	1.69E+00	2.34E-03	7.31E-07	4.15E-05	NA	2.61E-05	1.30E-04	8.88E-05	NA	6.31E-05	NA	1.04E-02	4.95E-05	4.30E-05	NA	1.91E-04	1.91E-06	6.94E-04	NA
16	374093	3756460	Residence	1.59E+00	2.10E-03	6.56E-07	3.85E-05	NA	2.52E-05	1.26E-04	8.20E-05	NA	5.94E-05	NA	9.61E-03	4.58E-05	4.13E-05	NA	1.82E-04	1.82E-06	6.75E-04	NA
17	373793	3756835	Residence	3.50E+00	3.81E-03	1.19E-06	8.12E-05	NA	6.13E-05	3.06E-04	1.69E-04	NA	1.32E-04	NA	1.99E-02	9.49E-05	9.91E-05	NA	4.17E-04	4.17E-06	1.68E-03	NA
18	374093	3756835	Residence	2.90E+00	3.29E-03	1.03E-06	6.80E-05	NA	5.00E-05	2.50E-04	1.42E-04	NA	1.09E-04	NA	1.67E-02	7.96E-05	8.11E-05	NA	3.44E-04	3.44E-06	1.37E-03	NA
19	373793	3757210	Residence	5.98E+00	4.72E-03	1.48E-06	1.31E-04	NA	1.17E-04	5.86E-04	2.63E-04	NA	2.28E-04	NA	3.13E-02	1.49E-04	1.87E-04	NA	7.49E-04	7.49E-06	3.30E-03	NA
20	374093	3757210	Residence	5.26E+00	4.20E-03	1.31E-06	1.15E-04	NA	1.03E-04	5.13E-04	2.32E-04	NA	2.01E-04	NA	2.76E-02	1.31E-04	1.64E-04	NA	6.57E-04	6.57E-06	2.89E-03	NA
21	373793	3757585	Residence	4.12E+00	3.96E-03	1.24E-06	9.33E-05	NA	7.58E-05	3.79E-04	1.91E-04	NA	1.56E-04	NA	2.26E-02	1.08E-04	1.22E-04	NA	5.02E-04	5.02E-06	2.11E-03	NA
22	374093	3757585	Residence	4.21E+00	3.77E-03	1.18E-06	9.40E-05	NA	7.93E-05	3.97E-04	1.92E-04	NA	1.60E-04	NA	2.27E-02	1.08E-04	1.27E-04	NA	5.18E-04	5.18E-06	2.22E-03	NA
23	373793	3757960	Residence	3.58E+00	3.19E-03	9.97E-07	7.99E-05	NA	6.77E-05	3.38E-04	1.63E-04	NA	1.36E-04	NA	1.93E-02	9.18E-05	1.08E-04	NA	4.41E-04	4.41E-06	1.89E-03	NA
24	374093	3757960	Residence	2.75E+00	2.70E-03	8.43E-07	6.25E-05	NA	5.02E-05	2.51E-04	1.29E-04	NA	1.04E-04	NA	1.52E-02	7.23E-05	8.08E-05	NA	3.34E-04	3.34E-06	1.39E-03	NA
25	373793	3758335	Residence	4.17E+00	3.29E-03	1.03E-06	9.12E-05	NA	8.17E-05	4.09E-04	1.84E-04	NA	1.59E-04	NA	2.18E-02	1.04E-04	1.30E-04	NA	5.22E-04	5.22E-06	2.30E-03	NA
26	374093	3758335	Residence	3.76E+00	2.99E-03	9.36E-07	8.24E-05	NA	7.36E-05	3.68E-04	1.66E-04	NA	1.44E-04	NA	1.97E-02	9.39E-05	1.17E-04	NA	4.71E-04	4.71E-06	2.07E-03	NA
27	373793	3758710	Residence	3.02E+00	2.94E-03	9.20E-07	6.85E-05	NA	5.52E-05	2.76E-04	1.41E-04	NA	1.14E-04	NA	1.66E-02	7.92E-05	8.89E-05	NA	3.67E-04	3.67E-06	1.53E-03	NA
28	374093	3758710	Residence	3.22E+00	2.72E-03	8.49E-07	7.12E-05	NA	6.19E-05	3.10E-04	1.44E-04	NA	1.23E-04	NA	1.71E-02	8.14E-05	9.90E-05	NA	4.00E-04	4.00E-06	1.74E-03	NA
30	367278	3755614	Residence	8.08E+00	7.25E-03	2.27E-06	1.81E-04	NA	1.52E-04	7.61E-04	3.68E-04	NA	3.07E-04	NA	4.36E-02	2.08E-04	2.44E-04	NA	9.95E-04	9.95E-06	4.25E-03	NA
31	367231	3755722	Residence	9.60E+00	7.77E-03	2.43E-06	2.11E-04	NA	1.87E-04	9.34E-04	4.25E-04	NA	3.66E-04	NA	5.05E-02	2.40E-04	2.98E-04	NA	1.20E-03	1.20E-05	5.25E-03	NA
32	367185	3755830	Residence	1.00E+01	7.91E-03	2.47E-06	2.19E-04	NA	1.96E-04	9.81E-04	4.41E-04	NA	3.82E-04	NA	5.24E-02	2.49E-04	3.13E-04	NA	1.25E-03	1.25E-05	5.53E-03	NA
33	367138	3755938	Residence	9.94E+00	8.28E-03	2.59E-06	2.19E-04	NA	1.92E-04	9.59E-04	4.44E-04	NA	3.79E-04	NA	5.26E-02	2.51E-04	3.07E-04	NA	1.24E-03	1.24E-05	5.38E-03	NA
34	367091	3756047	Residence	1.09E+01	8.54E-03	2.67E-06	2.37E-04	NA	2.13E-04	1.06E-03	4.77E-04	NA	4.14E-04	NA	5.67E-02	2.70E-04	3.40E-04	NA	1.36E-03	1.36E-05	6.00E-03	NA
35	367048	3756147	Residence	1.04E+01	8.34E-03	2.61E-06	2.28E-04	NA	2.03E-04	1.02E-03	4.60E-04	NA	3.97E-04	NA	5.46E-02	2.60E-04	3.24E-04	NA	1.30E-03	1.30E-05	5.72E-03	NA
36	367005	3756247	Residence	8.91E+00	7.74E-03	2.42E-06	1.98E-04	NA	1.70E-04	8.49E-04	4.02E-04	NA	3.39E-04	NA	4.77E-02	2.27E-04	2.72E-04	NA	1.10E-03	1.10E-05	4.75E-03	NA
37	366962	3756348	Residence	9.97E+00	8.06E-03	2.52E-06	2.19E-04	NA	1.94E-04	9.70E-04	4.41E-04	NA	3.80E-04	NA	5.24E-02	2.50E-04	3.10E-04	NA	1.24E-03	1.24E-05	5.45E-03	NA
38	366918	3756450	Residence	1.03E+01	8.09E-03	2.53E-06	2.25E-04	NA	2.02E-04	1.01E-03	4.53E-04	NA	3.93E-04	NA	5.38E-02	2.56E-04	3.23E-04	NA	1.29E-03	1.29E-05	5.70E-03	NA
39	366874	3756551	Residence	9.61E+00	7.79E-03	2.43E-06	2.11E-04	NA	1.87E-04	9.34E-04	4.26E-04	NA	3.66E-04	NA	5.05E-02	2.41E-04	2.98E-04	NA	1.20E-03	1.20E-05	5.25E-03	NA
40	366830	3756653	Residence	8.85E+00	7.32E-03	2.29E-06	1.95E-04	NA	1.71E-04	8.56E-04	3.94E-04	NA	3.37E-04	NA	4.68E-02	2.23E-04	2.74E-04	NA	1.10E-03	1.10E-05	4.81E-03	NA
41	366840	3756685	Residence	9.23E+00	7.48E-03	2.34E-06	2.03E-04	NA	1.80E-04	8.98E-04	4.09E-04	NA	3.52E-04	NA	4.86E-02	2.31E-04	2.87E-04	NA	1.15E-03	1.15E-05	5.05E-03	NA
42	366890	3756714	Residence	9.66E+00	7.71E-03	2.41E-06	2.12E-04	NA	1.89E-04	9.44E-04	4.26E-04	NA	3.69E-04	NA	5.06E-02	2.41E-04	3.01E-04	NA	1.21E-03	1.21E-05	5.31E-03	NA
43	366879	3756683	Residence	9.37E+00	7.60E-03	2.38E-06	2.06E-04	NA	1.82E-04	9.12E-04	4.15E-04	NA	3.57E-04	NA	4.93E-02	2.35E-04	2.91E-04	NA	1.17E-03	1.17E-05	5.13E-03	NA
44	366852	3756751	Residence	9.70E+00	7.65E-03	2.39E-06	2.12E-04	NA	1.90E-04	9.51E-04	4.27E-04	NA	3.70E-04	NA	5.07E-02	2.41E-04	3.03E-04	NA	1.22E-03	1.22E-05	5.36E-03	NA
45	366884	3756737	Residence	9.77E+00	7.74E-03	2.42E-06	2.14E-04	NA	1.91E-04	9.57E-04	4.30E-04	NA	3.73E-04	NA	5.11E-02	2.43E-04	3.05E-04	NA	1.22E-03	1.22E-05	5.39E-03	NA
46	366821	3756715	Residence	9.39E+00	7.50E-03	2.34E-06	2.06E-04	NA	1.83E-04	9.17E-04	4.14E-04	NA	3.58E-04	NA	4.92E-02	2.34E-04	2.93E-04	NA	1.17E-03	1.17E-05	5.16E-03	NA
47	366790	3756728	Residence	9.34E+00	7.43E-03	2.32E-06	2.04E-04	NA	1.83E-04	9.14E-04	4.12E-04	NA	3.57E-04	NA	4.89E-02	2.33E-04	2.92E-04	NA	1.17E-03	1.17E-05	5.14E-03	NA
48	366745	3756823	Residence	9.32E+00	7.33E-03	2.29E-06	2.04E-04	NA	1.83E-04	9.15E-04	4.10E-04	NA	3.56E-04	NA	4.87E-02	2.32E-04	2.92E-04	NA	1.17E-03	1.17E-05	5.15E-03	NA
49	366700	3756919	Residence	8.63E+00	7.01E-03	2.19E-06	1.90E-04	NA	1.68E-04	8.39E-04	3.83E-04	NA	3.29E-04	NA	4.54E-02	2.16E-04	2.68E-04	NA	1.08E-03	1.08E-05	4.71E-03	NA
50	366655	3757014	Residence	7.44E+00	6.52E-03	2.04E-06	1.66E-04	NA	1.41E-04	7.07E-04	3.37E-04	NA	2.83E-04	NA	3.99E-02	1.90E-04	2.26E-04	NA	9.20E-04	9.20E-06	3.96E-03	NA
51	366608	3757113	Residence	5.99E+00	5.86E-03	1.83E-06	1.36E-04	NA	1.09E-04	5.47E-04	2.80E-04	NA	2.27E-04	NA	3.30E-02	1.57E-04	1.76E-04	NA	7.27E-04	7.27E-06	3.04E-03	NA
52	366561	3757212	Residence	4.57E+00	5.16E-03	1.61E-06	1.07E-04	NA	7.86E-05	3.93E-04	2.23E-04	NA	1.72E-04	NA	2.63E-02	1.25E-04	1.28E-04	NA	5.41E-04	5.41E-06	2.15E-03	NA
53	366514	3757311	Residence	4.43E+00	4.64E-03	1.45E-06	1.02E-04	NA	7.89E-05	3.94E-04	2.11E-04	NA	1.68E-04	NA	2.49E-02	1.19E-04	1.27E-04	NA	5.32E-04	5.32E-06	2.18E-03	NA
54	366464	3757416	Residence	5.03E+00	4.50E-03	1.41E-06	1.12E-04	NA	9.48E-05	4.74E-04	2.29E-04	NA	1.91E-04	NA	2.71E-02	1.29E-04	1.52E-04	NA	6.19E-04	6.19E-06	2.65E-03	NA
55	366415	3757520	Residence	5.56E+00	4.63E-03	1.45E-06	1.23E-04	NA	1.07E-04	5.37E-04	2.48E-04	NA	2.12E-04	NA	2.94E-02	1.40E-04	1.72E-04	NA	6.92E-04	6.92E-06	3.01E-03	NA
56	366434	3757556	Residence	5.80E+00	4.72E-03	1.48E-06	1.28E-04	NA	1.13E-04	5.64E-04	2.58E-04	NA	2.21E-04	NA	3.06E-02	1.46E-04	1.80E-04	NA	7.24E-04	7.24E-06	3.17E-03	NA
57	366484	3757562	Residence	5.99E+00	4.83E-03	1.51E-06	1.31E-04	NA	1.17E-04	5.84E-04	2.65E-04	NA	2.29E-04	NA	3.15E-02	1.50E-04	1.86E-04	NA	7.49E-04	7.49E-06	3.28E-03	NA
58	366567	3757525	Residence	6.12E+00	4.97E-03	1.55E-06	1.34E-04	NA	1.19E-04	5.95E-04	2.71E-04	NA	2.33E-04	NA	3.22E-02	1.53E-04	1.90E-04	NA	7.63E-04	7.63E-06	3.34E-03	NA
59	366621	3757539	Residence	6.36E+00	5.10E-03	1.59E-06	1.39E-04	NA	1.24E-04	6.20E-04	2.81E-04	NA	2.43E-04	NA	3.34E-02	1.59E-04	1.98E-04	NA	7.95E-04	7.95E-06	3.49E-03	NA
60	366646	3757556	Residence	6.50E+00	5.18E-03	1.62E-06	1.42E-04	NA	1.27E-04	6.35E-04	2.87E-04	NA	2.48E-04	NA	3.40E-02	1.62E-04	2.03E-04	NA	8.13E-04	8.13E-06	3.58E-03	NA
61	366713	3757550	Residence	6.70E+00	5.32E-03	1.66E-06	1.47E-04	NA	1.31E-04	6.56E-04	2.95E-04	NA	2.56E-04	NA	3.51E-02	1.67E-04	2.09E-04	NA	8.39E-04	8.39E-06	3.69E-03	NA
62	366779	3757545	Residence	6.90E+00	5.46E-03	1.71E-06	1.51E-04	NA	1.35E-04	6.76E-04	3.04E-04	NA	2.63E-04	NA	3.61E-02	1.72E-04	2.16E-04	NA	8.65E-04	8.65E-06	3.81E-03	NA
63	366839	3757583	Residence	7.09E+00	5.58E-03	1.75E-06	1.55E-04	NA	1.39E-04	6.96E-04	3.12E-04	NA	2.71E-04	NA	3.71E-02	1.76E-04	2.22E-04	NA	8.89E-04	8.89E-06	3.92E-03	NA
64	366913	3757623	Residence	7.15E+00	5.68E-03	1.78E-06	1.56E-04	NA	1.40E-04	6.99E-04	3.15E-04	NA	2.73E-04	NA	3.74E-02	1.78E-04	2.23E-04	NA	8.95E-04	8.95E-06	3.94E-03	NA
65	366986	3757664	Residence	7.00E+00	5.71E-03	1.78E-06	1.54E-04	NA	1.36E-04	6.79E-04	3.11E-04	NA	2.67E-04	NA	3.69E-02	1.75E-04	2.17E-04	NA	8.73E-04	8.73E-06	3.82E-03	NA
66	367074	3757713	Residence	6.56E+00	5.64E-03	1.76E-06	1.45E-04	NA	1.25E-04	6.26E-04	2.95E-04	NA	2.50E-04	NA	3.50E-02	1.67E-04	2.00E-04	NA	8.12E-04	8.12E-06	3.51E-03	NA
67	367162	3757761	Residence	5.88E+00	5.48E-03	1.71E-06	1.32E-04	NA	1.09E-04	5.47E-04	2.71E-04	NA	2.23E-04	NA	3.20E-02	1.53E-04	1.76E-04	NA	7.20E-04	7.20E-06	3.05E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
68	367300	3757718	Residence	6.20E+00	5.81E-03	1.81E-06	1.40E-04	NA	1.15E-04	5.76E-04	2.86E-04	NA	2.35E-04	NA	3.38E-02	1.61E-04	1.85E-04	NA	7.58E-04	7.58E-06	3.20E-03	NA
69	367385	3757734	Residence	5.76E+00	5.73E-03	1.79E-06	1.31E-04	NA	1.05E-04	5.23E-04	2.71E-04	NA	2.18E-04	NA	3.20E-02	1.52E-04	1.69E-04	NA	6.98E-04	6.98E-06	2.90E-03	NA
70	367398	3757758	Residence	5.38E+00	5.58E-03	1.74E-06	1.24E-04	NA	9.61E-05	4.80E-04	2.56E-04	NA	2.03E-04	NA	3.02E-02	1.44E-04	1.55E-04	NA	6.47E-04	6.47E-06	2.65E-03	NA
71	367506	3757818	Residence	4.14E+00	5.10E-03	1.59E-06	9.88E-05	NA	6.85E-05	3.42E-04	2.08E-04	NA	1.56E-04	NA	2.45E-02	1.17E-04	1.12E-04	NA	4.82E-04	4.82E-06	1.86E-03	NA
72	367533	3757826	Residence	3.94E+00	5.02E-03	1.57E-06	9.48E-05	NA	6.39E-05	3.20E-04	2.01E-04	NA	1.48E-04	NA	2.36E-02	1.12E-04	1.05E-04	NA	4.55E-04	4.55E-06	1.72E-03	NA
73	367561	3757814	Residence	4.01E+00	5.10E-03	1.59E-06	9.64E-05	NA	6.50E-05	3.25E-04	2.04E-04	NA	1.50E-04	NA	2.40E-02	1.14E-04	1.06E-04	NA	4.63E-04	4.63E-06	1.75E-03	NA
78	367786	3757842	Residence	4.24E+00	4.85E-03	1.52E-06	9.95E-05	NA	7.26E-05	3.63E-04	2.08E-04	NA	1.60E-04	NA	2.45E-02	1.17E-04	1.18E-04	NA	5.01E-04	5.01E-06	1.99E-03	NA
79	367782	3757935	Residence	4.14E+00	4.19E-03	1.31E-06	9.47E-05	NA	7.47E-05	3.74E-04	1.95E-04	NA	1.57E-04	NA	2.31E-02	1.10E-04	1.20E-04	NA	5.00E-04	5.00E-06	2.07E-03	NA
80	367752	3757969	Residence	4.03E+00	3.98E-03	1.24E-06	9.17E-05	NA	7.34E-05	3.67E-04	1.89E-04	NA	1.53E-04	NA	2.23E-02	1.06E-04	1.18E-04	NA	4.89E-04	4.89E-06	2.04E-03	NA
81	367775	3758021	Residence	3.91E+00	3.58E-03	1.12E-06	8.78E-05	NA	7.33E-05	3.66E-04	1.79E-04	NA	1.49E-04	NA	2.12E-02	1.01E-04	1.18E-04	NA	4.80E-04	4.80E-06	2.04E-03	NA
82	367808	3758034	Residence	3.89E+00	3.46E-03	1.08E-06	8.67E-05	NA	7.34E-05	3.67E-04	1.77E-04	NA	1.48E-04	NA	2.09E-02	9.97E-05	1.18E-04	NA	4.79E-04	4.79E-06	2.05E-03	NA
83	367866	3758009	Residence	3.99E+00	3.54E-03	1.11E-06	8.90E-05	NA	7.55E-05	3.78E-04	1.81E-04	NA	1.52E-04	NA	2.15E-02	1.02E-04	1.21E-04	NA	4.92E-04	4.92E-06	2.11E-03	NA
84	367924	3757985	Residence	4.10E+00	3.63E-03	1.13E-06	9.14E-05	NA	7.76E-05	3.88E-04	1.86E-04	NA	1.56E-04	NA	2.20E-02	1.05E-04	1.24E-04	NA	5.06E-04	5.06E-06	2.17E-03	NA
85	367938	3757954	Residence	4.23E+00	3.84E-03	1.20E-06	9.48E-05	NA	7.95E-05	3.97E-04	1.93E-04	NA	1.61E-04	NA	2.29E-02	1.09E-04	1.27E-04	NA	5.20E-04	5.20E-06	2.22E-03	NA
86	367928	3757923	Residence	4.35E+00	4.10E-03	1.28E-06	9.81E-05	NA	8.05E-05	4.03E-04	2.01E-04	NA	1.65E-04	NA	2.38E-02	1.13E-04	1.29E-04	NA	5.31E-04	5.31E-06	2.24E-03	NA
87	367915	3757953	Residence	4.22E+00	3.88E-03	1.21E-06	9.48E-05	NA	7.90E-05	3.95E-04	1.94E-04	NA	1.60E-04	NA	2.29E-02	1.09E-04	1.27E-04	NA	5.18E-04	5.18E-06	2.20E-03	NA
88	368017	3757908	Residence	4.45E+00	4.07E-03	1.27E-06	9.99E-05	NA	8.34E-05	4.17E-04	2.04E-04	NA	1.69E-04	NA	2.42E-02	1.15E-04	1.34E-04	NA	5.47E-04	5.47E-06	2.33E-03	NA
89	368119	3757863	Residence	4.70E+00	4.29E-03	1.34E-06	1.05E-04	NA	8.82E-05	4.41E-04	2.15E-04	NA	1.79E-04	NA	2.55E-02	1.21E-04	1.41E-04	NA	5.78E-04	5.78E-06	2.46E-03	NA
90	368180	3757839	Residence	4.85E+00	4.42E-03	1.38E-06	1.09E-04	NA	9.10E-05	4.55E-04	2.22E-04	NA	1.84E-04	NA	2.63E-02	1.25E-04	1.46E-04	NA	5.96E-04	5.96E-06	2.54E-03	NA
91	368242	3757814	Residence	5.06E+00	4.72E-03	1.48E-06	1.14E-04	NA	9.41E-05	4.71E-04	2.33E-04	NA	1.92E-04	NA	2.76E-02	1.32E-04	1.51E-04	NA	6.20E-04	6.20E-06	2.62E-03	NA
92	368318	3757785	Residence	5.33E+00	5.15E-03	1.61E-06	1.21E-04	NA	9.80E-05	4.90E-04	2.48E-04	NA	2.02E-04	NA	2.94E-02	1.40E-04	1.58E-04	NA	6.49E-04	6.49E-06	2.72E-03	NA
93	368407	3757788	Residence	5.54E+00	5.88E-03	1.84E-06	1.28E-04	NA	9.81E-05	4.90E-04	2.66E-04	NA	2.09E-04	NA	3.13E-02	1.49E-04	1.59E-04	NA	6.64E-04	6.64E-06	2.70E-03	NA
94	368505	3757789	Residence	5.67E+00	6.73E-03	2.10E-06	1.34E-04	NA	9.55E-05	4.77E-04	2.82E-04	NA	2.13E-04	NA	3.32E-02	1.58E-04	1.55E-04	NA	6.65E-04	6.65E-06	2.60E-03	NA
95	368603	3757790	Residence	6.62E+00	7.79E-03	2.43E-06	1.56E-04	NA	1.12E-04	5.59E-04	3.28E-04	NA	2.49E-04	NA	3.86E-02	1.84E-04	1.82E-04	NA	7.77E-04	7.77E-06	3.05E-03	NA
96	368628	3757765	Residence	6.71E+00	7.94E-03	2.48E-06	1.59E-04	NA	1.13E-04	5.65E-04	3.33E-04	NA	2.52E-04	NA	3.92E-02	1.87E-04	1.84E-04	NA	7.87E-04	7.87E-06	3.08E-03	NA
97	368676	3757781	Residence	8.03E+00	8.69E-03	2.71E-06	1.86E-04	NA	1.41E-04	7.05E-04	3.87E-04	NA	3.03E-04	NA	4.56E-02	2.17E-04	2.28E-04	NA	9.58E-04	9.58E-06	3.88E-03	NA
98	368759	3757821	Residence	1.07E+01	1.00E-02	3.13E-06	2.41E-04	NA	1.99E-04	9.96E-04	4.94E-04	NA	4.07E-04	NA	5.84E-02	2.78E-04	3.20E-04	NA	1.31E-03	1.31E-05	5.55E-03	NA
99	368839	3757872	Residence	1.31E+01	1.11E-02	3.46E-06	2.89E-04	NA	2.51E-04	1.26E-03	5.87E-04	NA	4.98E-04	NA	6.96E-02	3.31E-04	4.02E-04	NA	1.62E-03	1.62E-05	7.05E-03	NA
100	368921	3757924	Residence	1.42E+01	1.16E-02	3.62E-06	3.13E-04	NA	2.77E-04	1.38E-03	6.32E-04	NA	5.43E-04	NA	7.50E-02	3.57E-04	4.42E-04	NA	1.78E-03	1.78E-05	7.78E-03	NA
101	369004	3757976	Residence	1.36E+01	1.14E-02	3.58E-06	3.00E-04	NA	2.62E-04	1.31E-03	6.09E-04	NA	5.18E-04	NA	7.22E-02	3.44E-04	4.18E-04	NA	1.69E-03	1.69E-05	7.34E-03	NA
102	369038	3757969	Residence	1.35E+01	1.15E-02	3.60E-06	2.98E-04	NA	2.58E-04	1.29E-03	6.06E-04	NA	5.13E-04	NA	7.18E-02	3.42E-04	4.12E-04	NA	1.67E-03	1.67E-05	7.22E-03	NA
103	369101	3757878	Residence	1.49E+01	1.27E-02	3.96E-06	3.30E-04	NA	2.86E-04	1.43E-03	6.69E-04	NA	5.68E-04	NA	7.93E-02	3.78E-04	4.58E-04	NA	1.85E-03	1.85E-05	8.02E-03	NA
104	369067	3757885	Residence	1.50E+01	1.25E-02	3.92E-06	3.31E-04	NA	2.89E-04	1.44E-03	6.70E-04	NA	5.71E-04	NA	7.94E-02	3.78E-04	4.62E-04	NA	1.86E-03	1.86E-05	8.10E-03	NA
105	369139	3757930	Residence	1.31E+01	1.19E-02	3.71E-06	2.93E-04	NA	2.46E-04	1.23E-03	5.99E-04	NA	4.98E-04	NA	7.09E-02	3.37E-04	3.95E-04	NA	1.61E-03	1.61E-05	6.87E-03	NA
106	369211	3757974	Residence	1.04E+01	1.07E-02	3.35E-06	2.38E-04	NA	1.85E-04	9.26E-04	4.92E-04	NA	3.92E-04	NA	5.81E-02	2.77E-04	2.99E-04	NA	1.25E-03	1.25E-05	5.11E-03	NA
107	369243	3757968	Residence	9.75E+00	1.06E-02	3.30E-06	2.26E-04	NA	1.71E-04	8.56E-04	4.70E-04	NA	3.68E-04	NA	5.54E-02	2.64E-04	2.77E-04	NA	1.16E-03	1.16E-05	4.71E-03	NA
108	369305	3757894	Residence	1.05E+01	1.14E-02	3.55E-06	2.43E-04	NA	1.83E-04	9.16E-04	5.05E-04	NA	3.95E-04	NA	5.95E-02	2.83E-04	2.96E-04	NA	1.25E-03	1.25E-05	5.03E-03	NA
109	369366	3757820	Residence	1.13E+01	1.23E-02	3.85E-06	2.62E-04	NA	1.97E-04	9.84E-04	5.44E-04	NA	4.25E-04	NA	6.41E-02	3.05E-04	3.18E-04	NA	1.34E-03	1.34E-05	5.40E-03	NA
110	369436	3757794	Residence	1.00E+01	1.20E-02	3.76E-06	2.38E-04	NA	1.68E-04	8.39E-04	5.00E-04	NA	3.77E-04	NA	5.88E-02	2.80E-04	2.73E-04	NA	1.17E-03	1.17E-05	4.56E-03	NA
111	369435	3757760	Residence	1.14E+01	1.29E-02	4.04E-06	2.66E-04	NA	1.95E-04	9.74E-04	5.56E-04	NA	4.28E-04	NA	6.55E-02	3.12E-04	3.16E-04	NA	1.34E-03	1.34E-05	5.33E-03	NA
112	369251	3758017	Residence	8.25E+00	9.64E-03	3.01E-06	1.95E-04	NA	1.40E-04	7.00E-04	4.08E-04	NA	3.11E-04	NA	4.80E-02	2.28E-04	2.27E-04	NA	9.71E-04	9.71E-06	3.82E-03	NA
113	369344	3758083	Residence	4.88E+00	7.55E-03	2.36E-06	1.23E-04	NA	6.97E-05	3.49E-04	2.67E-04	NA	1.81E-04	NA	3.12E-02	1.49E-04	1.16E-04	NA	5.36E-04	5.36E-06	1.82E-03	NA
114	369437	3758148	Residence	4.61E+00	6.13E-03	1.92E-06	1.12E-04	NA	7.29E-05	3.64E-04	2.39E-04	NA	1.72E-04	NA	2.80E-02	1.33E-04	1.20E-04	NA	5.27E-04	5.27E-06	1.95E-03	NA
115	369429	3758218	Residence	4.57E+00	6.08E-03	1.90E-06	1.11E-04	NA	7.24E-05	3.62E-04	2.37E-04	NA	1.71E-04	NA	2.77E-02	1.32E-04	1.19E-04	NA	5.23E-04	5.23E-06	1.94E-03	NA
116	369432	3758306	Residence	4.61E+00	6.17E-03	1.93E-06	1.12E-04	NA	7.28E-05	3.64E-04	2.39E-04	NA	1.73E-04	NA	2.81E-02	1.34E-04	1.20E-04	NA	5.27E-04	5.27E-06	1.95E-03	NA
117	369435	3758395	Residence	4.60E+00	6.20E-03	1.94E-06	1.12E-04	NA	7.23E-05	3.62E-04	2.39E-04	NA	1.72E-04	NA	2.81E-02	1.34E-04	1.19E-04	NA	5.25E-04	5.25E-06	1.93E-03	NA
118	369460	3758419	Residence	4.76E+00	6.51E-03	2.03E-06	1.16E-04	NA	7.41E-05	3.70E-04	2.49E-04	NA	1.78E-04	NA	2.92E-02	1.39E-04	1.22E-04	NA	5.41E-04	5.41E-06	1.98E-03	NA
119	369558	3758419	Residence	6.86E+00	7.92E-03	2.48E-06	1.61E-04	NA	1.17E-04	5.85E-04	3.38E-04	NA	2.58E-04	NA	3.98E-02	1.89E-04	1.90E-04	NA	8.09E-04	8.09E-06	3.19E-03	NA
120	369657	3758419	Residence	9.48E+00	9.30E-03	2.91E-06	2.15E-04	NA	1.73E-04	8.66E-04	4.44E-04	NA	3.59E-04	NA	5.24E-02	2.50E-04	2.79E-04	NA	1.15E-03	1.15E-05	4.80E-03	NA
121	369755	3758419	Residence	1.19E+01	1.04E-02	3.26E-06	2.64E-04	NA	2.25E-04	1.13E-03	5.38E-04	NA	4.52E-04	NA	6.37E-02	3.04E-04	3.61E-04	NA	1.47E-03	1.47E-05	6.31E-03	NA
122	369853	3758419	Residence	1.33E+01	1.11E-02	3.46E-06	2.93E-04	NA	2.56E-04	1.28E-03	5.93E-04	NA	5.06E-04	NA	7.04E-02	3.35E-04	4.09E-04	NA	1.65E-03	1.65E-05	7.19E-03	NA
123	369878	3758394	Residence	1.36E+01	1.13E-02	3.54E-06	3.00E-04	NA	2.63E-04	1.31E-03	6.08E-04	NA	5.19E-04	NA	7.21E-02	3.43E-04	4.20E-04	NA	1.69E-03	1.69E-05	7.38E-03	NA
124	369877	3758289	Residence	1.46E+01	1.22E-02	3.82E-06	3.22E-04	NA	2.80E-04	1.40E-03	6.52E-04	NA	5.55E-04	NA	7.73E-02	3.68E-04	4.48E-04	NA	1.81E-03	1.81E-05	7.87E-03	NA
125	369876	3758183	Residence	1.55E+01	1.32E-02	4.12E-06	3.44E-04	NA	2.98E-04	1.49E-03	6.97E-04	NA	5.92E-04	NA	8.27E-02	3.94E-04	4.77E-04	NA	1.93E-03	1.93E-05	8.36E-03	NA
126	369962	3758103	Residence	1.70E+01	1.44E-02	4.49E-06	3.76E-04	NA	3.26E-04	1.63E-03	7.62E-04	NA	6.47E-04	NA	9.03E-02	4.30E-04	5.22E-04	NA	2.11E-03	2.11E-05	9.15E-03	NA
127	370075	3758103	Residence	1.50E+01	1.36E-02	4.25E-06	3.36E-04	NA	2.82E-04	1.41E-03	6.86E-04	NA	5.70E-04	NA	8.12E-02	3.87E-04	4.52E-04	NA	1.84E-03	1.84E-05	7.86E-03	NA
128	370187	3758103	Residence	1.07E+01	1.17E-02	3.65E-06	2.49E-04	NA	1.88E-04	9.40E-04	5.18E-04	NA	4.05E-04	NA	6.10E-02	2.91E-04	3.04E-04	NA	1.28E-03	1.28E-05	5.17E-03	NA
129	370299	3758103	Residence	7.11E+00	9.26E-03	2.89E-06	1.72E-04	NA	1.14E-04	5.70E-04	3.65E-04	NA	2.67E-04	NA	4.28E-02	2.04E-04	1.87E-04	NA	8.17E-04	8.17E-06	3.06E-03	NA
136	370506	3758113	Residence	5.44E+00	5.40E-03	1.69E-06	1.24E-04	NA	9.90E-05	4.95E-04	2.55E-04	NA	2.06E-04	NA	3.02E-02	1.44E-04	1.59E-04	NA	6.60E-04	6.60E-06	2.74E-03	NA
137	370601	3758113	Residence	6.57E+00	5.82E-03	1.82E-06	1.47E-04	NA	1.24E-04	6.22E-04	2.98E-04	NA	2.50E-04	NA	3.54E-02	1.68E-04	1.99E-04	NA	8.11E-04	8.11E-06	3.48E-03	NA
138	370696	3758114	Residence	7.17E+00	5.97E-03	1.87E-06	1.58E-04	NA	1.38E-04	6.92E-04	3.20E-04	NA	2.73E-04	NA	3.80E-02	1.81E-04	2.21E-04	NA	8.92E-04	8.92E-06	3.88E-03	NA
139	370791	3758114	Residence	7.06E+00	5.85E-03	1.83E-06	1.56E-04	NA	1.37E-04	6.83E-04	3.15E-04	NA	2.69E-04	NA	3.73E-02	1.78E-04	2.18E-04	NA	8.79E-04	8.79E-06	3.83E-03	NA
140	370886	3758114	Residence	6.30E+00	5.46E-03	1.71E-06	1.40E-04	NA	1.20E-04	6.00E-04	2.84E-04	NA	2.40E-04	NA	3.37E-02	1.60E-04	1.92E-04	NA	7.79E-04	7.79E-06	3.36E-03	NA
154	371170	3757732	Residence	1.49E+01	1.34E-02	4.18E-06	3.34E-04	NA	2.81E-04	1.41E-03	6.80E-04	NA	5.67E-04	NA	8.05E-02	3.84E-04	4.51E-04	NA	1.84E-03	1.84E-05	7.86E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
155	371240	3757783	Residence	1.44E+01	1.26E-02	3.95E-06	3.21E-04	NA	2.75E-04	1.37E-03	6.54E-04	NA	5.50E-04	NA	7.75E-02	3.69E-04	4.40E-04	NA	1.78E-03	1.78E-05	7.68E-03	NA
156	371264	3757808	Residence	1.41E+01	1.23E-02	3.84E-06	3.13E-04	NA	2.67E-04	1.34E-03	6.36E-04	NA	5.35E-04	NA	7.54E-02	3.59E-04	4.28E-04	NA	1.74E-03	1.74E-05	7.48E-03	NA
157	371372	3757807	Residence	1.49E+01	1.22E-02	3.81E-06	3.28E-04	NA	2.89E-04	1.45E-03	6.62E-04	NA	5.68E-04	NA	7.86E-02	3.74E-04	4.62E-04	NA	1.86E-03	1.86E-05	8.13E-03	NA
158	371385	3757827	Residence	1.46E+01	1.20E-02	3.74E-06	3.21E-04	NA	2.83E-04	1.41E-03	6.48E-04	NA	5.56E-04	NA	7.70E-02	3.66E-04	4.52E-04	NA	1.82E-03	1.82E-05	7.95E-03	NA
159	371485	3757895	Residence	1.36E+01	1.10E-02	3.43E-06	2.98E-04	NA	2.64E-04	1.32E-03	6.01E-04	NA	5.17E-04	NA	7.13E-02	3.39E-04	4.21E-04	NA	1.69E-03	1.69E-05	7.41E-03	NA
160	371585	3757964	Residence	1.25E+01	1.01E-02	3.16E-06	2.75E-04	NA	2.45E-04	1.22E-03	5.55E-04	NA	4.79E-04	NA	6.59E-02	3.14E-04	3.90E-04	NA	1.57E-03	1.57E-05	6.88E-03	NA
161	371684	3758032	Residence	1.16E+01	9.32E-03	2.91E-06	2.54E-04	NA	2.26E-04	1.13E-03	5.13E-04	NA	4.42E-04	NA	6.09E-02	2.90E-04	3.61E-04	NA	1.45E-03	1.45E-05	6.36E-03	NA
162	371784	3758101	Residence	1.07E+01	8.62E-03	2.69E-06	2.35E-04	NA	2.09E-04	1.04E-03	4.74E-04	NA	4.08E-04	NA	5.62E-02	2.68E-04	3.33E-04	NA	1.34E-03	1.34E-05	5.87E-03	NA
163	371818	3758095	Residence	1.04E+01	8.46E-03	2.64E-06	2.29E-04	NA	2.03E-04	1.01E-03	4.62E-04	NA	3.97E-04	NA	5.48E-02	2.61E-04	3.24E-04	NA	1.30E-03	1.30E-05	5.70E-03	NA
164	371873	3758022	Residence	1.02E+01	8.56E-03	2.67E-06	2.25E-04	NA	1.97E-04	9.83E-04	4.57E-04	NA	3.89E-04	NA	5.41E-02	2.58E-04	3.14E-04	NA	1.27E-03	1.27E-05	5.52E-03	NA
165	371928	3757949	Residence	1.11E+01	8.91E-03	2.78E-06	2.44E-04	NA	2.17E-04	1.09E-03	4.92E-04	NA	4.24E-04	NA	5.84E-02	2.78E-04	3.47E-04	NA	1.39E-03	1.39E-05	6.11E-03	NA
166	371969	3757946	Residence	1.10E+01	8.76E-03	2.74E-06	2.40E-04	NA	2.14E-04	1.07E-03	4.84E-04	NA	4.18E-04	NA	5.75E-02	2.74E-04	3.42E-04	NA	1.37E-03	1.37E-05	6.03E-03	NA
167	371989	3757924	Residence	1.09E+01	8.73E-03	2.73E-06	2.39E-04	NA	2.13E-04	1.06E-03	4.81E-04	NA	4.16E-04	NA	5.71E-02	2.72E-04	3.39E-04	NA	1.36E-03	1.36E-05	5.98E-03	NA
295	370737	3755244	Residence	5.79E+00	5.82E-03	1.82E-06	1.32E-04	NA	1.05E-04	5.24E-04	2.73E-04	NA	2.19E-04	NA	3.22E-02	1.53E-04	1.69E-04	NA	7.00E-04	7.00E-06	2.90E-03	NA
296	370669	3755237	Residence	5.46E+00	5.47E-03	1.71E-06	1.25E-04	NA	9.90E-05	4.95E-04	2.57E-04	NA	2.07E-04	NA	3.04E-02	1.45E-04	1.60E-04	NA	6.61E-04	6.61E-06	2.74E-03	NA
297	370571	3755237	Residence	5.68E+00	5.62E-03	1.76E-06	1.29E-04	NA	1.03E-04	5.17E-04	2.66E-04	NA	2.15E-04	NA	3.14E-02	1.50E-04	1.66E-04	NA	6.88E-04	6.88E-06	2.87E-03	NA
298	370476	3755238	Residence	5.80E+00	6.56E-03	2.05E-06	1.36E-04	NA	9.99E-05	5.00E-04	2.83E-04	NA	2.19E-04	NA	3.34E-02	1.59E-04	1.62E-04	NA	6.87E-04	6.87E-06	2.73E-03	NA
299	370380	3755238	Residence	8.01E+00	7.65E-03	2.39E-06	1.81E-04	NA	1.48E-04	7.39E-04	3.72E-04	NA	3.04E-04	NA	4.39E-02	2.09E-04	2.38E-04	NA	9.77E-04	9.77E-06	4.11E-03	NA
300	370279	3755239	Residence	9.76E+00	8.42E-03	2.63E-06	2.17E-04	NA	1.86E-04	9.31E-04	4.40E-04	NA	3.71E-04	NA	5.21E-02	2.48E-04	2.98E-04	NA	1.21E-03	1.21E-05	5.21E-03	NA
301	370177	3755240	Residence	1.03E+01	8.99E-03	2.81E-06	2.28E-04	NA	1.95E-04	9.75E-04	4.64E-04	NA	3.91E-04	NA	5.50E-02	2.62E-04	3.12E-04	NA	1.27E-03	1.27E-05	5.46E-03	NA
302	370076	3755240	Residence	9.80E+00	1.04E-02	3.25E-06	2.26E-04	NA	1.73E-04	8.67E-04	4.69E-04	NA	3.70E-04	NA	5.54E-02	2.64E-04	2.80E-04	NA	1.17E-03	1.17E-05	4.77E-03	NA
303	369979	3755241	Residence	1.24E+01	1.19E-02	3.71E-06	2.81E-04	NA	2.29E-04	1.15E-03	5.77E-04	NA	4.72E-04	NA	6.82E-02	3.25E-04	3.69E-04	NA	1.52E-03	1.52E-05	6.38E-03	NA
304	369883	3755241	Residence	1.48E+01	1.28E-02	3.99E-06	3.28E-04	NA	2.82E-04	1.41E-03	6.67E-04	NA	5.63E-04	NA	7.90E-02	3.76E-04	4.52E-04	NA	1.83E-03	1.83E-05	7.90E-03	NA
306	369690	3755242	Residence	1.44E+01	1.44E-02	4.50E-06	3.29E-04	NA	2.61E-04	1.31E-03	6.77E-04	NA	5.46E-04	NA	8.00E-02	3.81E-04	4.21E-04	NA	1.74E-03	1.74E-05	7.23E-03	NA
307	369594	3755243	Residence	1.42E+01	1.64E-02	5.14E-06	3.33E-04	NA	2.41E-04	1.20E-03	6.98E-04	NA	5.33E-04	NA	8.21E-02	3.91E-04	3.91E-04	NA	1.67E-03	1.67E-05	6.57E-03	NA
308	369498	3755243	Residence	1.93E+01	1.86E-02	5.82E-06	4.37E-04	NA	3.54E-04	1.77E-03	8.97E-04	NA	7.31E-04	NA	1.06E-01	5.05E-04	5.69E-04	NA	2.35E-03	2.35E-05	9.83E-03	NA
309	369396	3755244	Residence	2.30E+01	1.98E-02	6.18E-06	5.10E-04	NA	4.39E-04	2.19E-03	1.03E-03	NA	8.75E-04	NA	1.23E-01	5.84E-04	7.02E-04	NA	2.85E-03	2.85E-05	1.23E-02	NA
310	369295	3755244	Residence	2.36E+01	1.96E-02	6.11E-06	5.20E-04	NA	4.56E-04	2.28E-03	1.05E-03	NA	8.98E-04	NA	1.25E-01	5.94E-04	7.28E-04	NA	2.93E-03	2.93E-05	1.28E-02	NA
311	369193	3755245	Residence	2.11E+01	1.81E-02	5.65E-06	4.67E-04	NA	4.03E-04	2.01E-03	9.48E-04	NA	8.02E-04	NA	1.12E-01	5.35E-04	6.44E-04	NA	2.61E-03	2.61E-05	1.13E-02	NA
312	369092	3755245	Residence	2.02E+01	1.75E-02	5.47E-06	4.49E-04	NA	3.86E-04	1.93E-03	9.12E-04	NA	7.69E-04	NA	1.08E-01	5.15E-04	6.17E-04	NA	2.50E-03	2.50E-05	1.08E-02	NA
313	368991	3755246	Residence	2.13E+01	1.74E-02	5.44E-06	4.68E-04	NA	4.12E-04	2.06E-03	9.45E-04	NA	8.10E-04	NA	1.12E-01	5.34E-04	6.59E-04	NA	2.65E-03	2.65E-05	1.16E-02	NA
314	368889	3755247	Residence	2.00E+01	1.65E-02	5.15E-06	4.41E-04	NA	3.88E-04	1.94E-03	8.92E-04	NA	7.64E-04	NA	1.06E-01	5.04E-04	6.20E-04	NA	2.50E-03	2.50E-05	1.09E-02	NA
315	368782	3755247	Residence	1.70E+01	1.49E-02	4.64E-06	3.78E-04	NA	3.23E-04	1.61E-03	7.69E-04	NA	6.46E-04	NA	9.11E-02	4.34E-04	5.17E-04	NA	2.10E-03	2.10E-05	9.03E-03	NA
316	368676	3755248	Residence	1.32E+01	1.29E-02	4.03E-06	2.99E-04	NA	2.40E-04	1.20E-03	6.15E-04	NA	4.99E-04	NA	7.27E-02	3.46E-04	3.87E-04	NA	1.60E-03	1.60E-05	6.67E-03	NA
317	368569	3755248	Residence	9.49E+00	1.08E-02	3.39E-06	2.23E-04	NA	1.63E-04	8.13E-04	4.66E-04	NA	3.58E-04	NA	5.49E-02	2.61E-04	2.64E-04	NA	1.12E-03	1.12E-05	4.45E-03	NA
318	368471	3755249	Residence	6.74E+00	9.09E-03	2.84E-06	1.64E-04	NA	1.06E-04	5.29E-04	3.51E-04	NA	2.52E-04	NA	4.11E-02	1.96E-04	1.74E-04	NA	7.69E-04	7.69E-06	2.83E-03	NA
319	368373	3755249	Residence	6.09E+00	7.82E-03	2.44E-06	1.47E-04	NA	9.84E-05	4.92E-04	3.11E-04	NA	2.28E-04	NA	3.65E-02	1.74E-04	1.61E-04	NA	7.02E-04	7.02E-06	2.65E-03	NA
320	368275	3755250	Residence	7.23E+00	8.18E-03	2.56E-06	1.69E-04	NA	1.24E-04	6.22E-04	3.54E-04	NA	2.73E-04	NA	4.16E-02	1.98E-04	2.02E-04	NA	8.55E-04	8.55E-06	3.40E-03	NA
321	368167	3755230	Residence	7.90E+00	8.22E-03	2.57E-06	1.82E-04	NA	1.41E-04	7.05E-04	3.76E-04	NA	2.99E-04	NA	4.44E-02	2.11E-04	2.28E-04	NA	9.50E-04	9.50E-06	3.89E-03	NA
322	368054	3755209	Residence	8.48E+00	8.20E-03	2.56E-06	1.92E-04	NA	1.56E-04	7.79E-04	3.95E-04	NA	3.22E-04	NA	4.67E-02	2.22E-04	2.50E-04	NA	1.03E-03	1.03E-05	4.32E-03	NA
323	367941	3755189	Residence	8.90E+00	8.11E-03	2.53E-06	1.99E-04	NA	1.67E-04	8.34E-04	4.07E-04	NA	3.38E-04	NA	4.82E-02	2.29E-04	2.68E-04	NA	1.09E-03	1.09E-05	4.66E-03	NA
324	367824	3755185	Residence	9.45E+00	8.07E-03	2.52E-06	2.09E-04	NA	1.81E-04	9.05E-04	4.25E-04	NA	3.60E-04	NA	5.03E-02	2.40E-04	2.90E-04	NA	1.17E-03	1.17E-05	5.07E-03	NA
325	367711	3755181	Residence	9.70E+00	7.93E-03	2.48E-06	2.13E-04	NA	1.88E-04	9.41E-04	4.31E-04	NA	3.70E-04	NA	5.11E-02	2.43E-04	3.00E-04	NA	1.21E-03	1.21E-05	5.29E-03	NA
326	367598	3755178	Residence	9.66E+00	7.70E-03	2.41E-06	2.11E-04	NA	1.89E-04	9.44E-04	4.26E-04	NA	3.68E-04	NA	5.06E-02	2.41E-04	3.01E-04	NA	1.21E-03	1.21E-05	5.31E-03	NA
327	367484	3755174	Residence	9.37E+00	7.41E-03	2.31E-06	2.05E-04	NA	1.84E-04	9.19E-04	4.13E-04	NA	3.58E-04	NA	4.90E-02	2.33E-04	2.93E-04	NA	1.17E-03	1.17E-05	5.17E-03	NA
328	367461	3755189	Residence	9.30E+00	7.35E-03	2.30E-06	2.03E-04	NA	1.82E-04	9.11E-04	4.10E-04	NA	3.55E-04	NA	4.86E-02	2.32E-04	2.91E-04	NA	1.17E-03	1.17E-05	5.13E-03	NA
329	367415	3755295	Residence	8.59E+00	7.11E-03	2.22E-06	1.89E-04	NA	1.66E-04	8.30E-04	3.83E-04	NA	3.27E-04	NA	4.54E-02	2.16E-04	2.65E-04	NA	1.07E-03	1.07E-05	4.66E-03	NA
330	367369	3755401	Residence	7.75E+00	6.64E-03	2.08E-06	1.72E-04	NA	1.48E-04	7.41E-04	3.49E-04	NA	2.95E-04	NA	4.13E-02	1.97E-04	2.37E-04	NA	9.61E-04	9.61E-06	4.15E-03	NA
331	367324	3755507	Residence	7.87E+00	6.73E-03	2.10E-06	1.74E-04	NA	1.51E-04	7.53E-04	3.54E-04	NA	3.00E-04	NA	4.19E-02	2.00E-04	2.41E-04	NA	9.75E-04	9.75E-06	4.22E-03	NA
332	367484	3755199	Residence	9.41E+00	7.43E-03	2.32E-06	2.06E-04	NA	1.84E-04	9.22E-04	4.14E-04	NA	3.59E-04	NA	4.92E-02	2.34E-04	2.94E-04	NA	1.18E-03	1.18E-05	5.19E-03	NA
333	367301	3755623	Residence	8.21E+00	7.35E-03	2.30E-06	1.83E-04	NA	1.55E-04	7.74E-04	3.74E-04	NA	3.12E-04	NA	4.42E-02	2.11E-04	2.48E-04	NA	1.01E-03	1.01E-05	4.33E-03	NA
334	367114	3756056	Residence	1.10E+01	8.63E-03	2.70E-06	2.40E-04	NA	2.15E-04	1.08E-03	4.83E-04	NA	4.19E-04	NA	5.73E-02	2.73E-04	3.44E-04	NA	1.38E-03	1.38E-05	6.07E-03	NA
335	366985	3756358	Residence	1.02E+01	8.17E-03	2.55E-06	2.23E-04	NA	1.98E-04	9.90E-04	4.49E-04	NA	3.87E-04	NA	5.33E-02	2.54E-04	3.16E-04	NA	1.27E-03	1.27E-05	5.57E-03	NA
336	366853	3756663	Residence	9.06E+00	7.44E-03	2.32E-06	1.99E-04	NA	1.76E-04	8.78E-04	4.03E-04	NA	3.45E-04	NA	4.78E-02	2.28E-04	2.80E-04	NA	1.13E-03	1.13E-05	4.93E-03	NA
337	366902	3756692	Residence	9.55E+00	7.70E-03	2.41E-06	2.10E-04	NA	1.86E-04	9.31E-04	4.23E-04	NA	3.64E-04	NA	5.02E-02	2.39E-04	2.97E-04	NA	1.19E-03	1.19E-05	5.23E-03	NA
338	366876	3756760	Residence	9.82E+00	7.73E-03	2.42E-06	2.15E-04	NA	1.93E-04	9.63E-04	4.32E-04	NA	3.75E-04	NA	5.13E-02	2.44E-04	3.07E-04	NA	1.23E-03	1.23E-05	5.43E-03	NA
339	366813	3756739	Residence	9.49E+00	7.51E-03	2.35E-06	2.08E-04	NA	1.86E-04	9.29E-04	4.18E-04	NA	3.62E-04	NA	4.96E-02	2.36E-04	2.96E-04	NA	1.19E-03	1.19E-05	5.23E-03	NA
340	366677	3757025	Residence	7.33E+00	6.51E-03	2.03E-06	1.64E-04	NA	1.39E-04	6.94E-04	3.33E-04	NA	2.79E-04	NA	3.94E-02	1.88E-04	2.22E-04	NA	9.04E-04	9.04E-06	3.88E-03	NA
341	366536	3757322	Residence	4.58E+00	4.63E-03	1.45E-06	1.05E-04	NA	8.26E-05	4.13E-04	2.16E-04	NA	1.73E-04	NA	2.55E-02	1.21E-04	1.33E-04	NA	5.53E-04	5.53E-06	2.29E-03	NA
342	366437	3757531	Residence	5.70E+00	4.70E-03	1.47E-06	1.25E-04	NA	1.10E-04	5.51E-04	2.54E-04	NA	2.17E-04	NA	3.01E-02	1.43E-04	1.76E-04	NA	7.10E-04	7.10E-06	3.10E-03	NA
343	366487	3757537	Residence	5.90E+00	4.81E-03	1.50E-06	1.30E-04	NA	1.15E-04	5.73E-04	2.62E-04	NA	2.25E-04	NA	3.11E-02	1.48E-04	1.83E-04	NA	7.36E-04	7.36E-06	3.22E-03	NA
344	366624	3757468	Residence	6.02E+00	5.01E-03	1.56E-06	1.33E-04	NA	1.16E-04	5.81E-04	2.69E-04	NA	2.29E-04	NA	3.19E-02	1.52E-04	1.86E-04	NA	7.49E-04	7.49E-06	3.26E-03	NA
345	366644	3757531	Residence	6.41E+00	5.15E-03	1.61E-06	1.41E-04	NA	1.25E-04	6.25E-04	2.83E-04	NA	2.45E-04	NA	3.37E-02	1.60E-04	2.00E-04	NA	8.02E-04	8.02E-06	3.52E-03	NA
346	366777	3757520	Residence	6.84E+00	5.45E-03	1.70E-06	1.50E-04	NA	1.34E-04	6.69E-04	3.02E-04	NA	2.61E-04	NA	3.58E-02	1.71E-04	2.13E-04	NA	8.56E-04	8.56E-06	3.76E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard	LEAD (µg/m³)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
347	366999	3757642	Residence	7.16E+00	5.79E-03	1.81E-06	1.57E-04	NA	1.39E-04	6.97E-04	3.17E-04	NA	2.73E-04	NA	3.76E-02	1.79E-04	2.23E-04	NA	8.94E-04	8.94E-06	3.92E-03	NA
348	367174	3757740	Residence	6.13E+00	5.60E-03	1.75E-06	1.37E-04	NA	1.15E-04	5.75E-04	2.81E-04	NA	2.33E-04	NA	3.32E-02	1.58E-04	1.84E-04	NA	7.53E-04	7.53E-06	3.21E-03	NA
349	367291	3757694	Residence	6.53E+00	5.94E-03	1.85E-06	1.46E-04	NA	1.23E-04	6.13E-04	2.99E-04	NA	2.48E-04	NA	3.54E-02	1.68E-04	1.97E-04	NA	8.03E-04	8.03E-06	3.42E-03	NA
350	367413	3757695	Residence	6.29E+00	6.02E-03	1.88E-06	1.42E-04	NA	1.16E-04	5.79E-04	2.92E-04	NA	2.39E-04	NA	3.45E-02	1.64E-04	1.86E-04	NA	7.66E-04	7.66E-06	3.22E-03	NA
351	367410	3757736	Residence	5.67E+00	5.73E-03	1.79E-06	1.30E-04	NA	1.02E-04	5.12E-04	2.67E-04	NA	2.15E-04	NA	3.16E-02	1.50E-04	1.65E-04	NA	6.85E-04	6.85E-06	2.83E-03	NA
352	367518	3757796	Residence	4.41E+00	5.26E-03	1.65E-06	1.04E-04	NA	7.40E-05	3.70E-04	2.20E-04	NA	1.66E-04	NA	2.58E-02	1.23E-04	1.21E-04	NA	5.17E-04	5.17E-06	2.01E-03	NA
353	367539	3757802	Residence	4.25E+00	5.21E-03	1.63E-06	1.01E-04	NA	7.04E-05	3.52E-04	2.14E-04	NA	1.60E-04	NA	2.51E-02	1.19E-04	1.15E-04	NA	4.95E-04	4.95E-06	1.91E-03	NA
354	367609	3757677	Residence	6.02E+00	6.22E-03	1.94E-06	1.38E-04	NA	1.08E-04	5.38E-04	2.86E-04	NA	2.28E-04	NA	3.37E-02	1.61E-04	1.74E-04	NA	7.24E-04	7.24E-06	2.97E-03	NA
355	367769	3757644	Residence	6.02E+00	6.52E-03	2.04E-06	1.40E-04	NA	1.06E-04	5.29E-04	2.90E-04	NA	2.27E-04	NA	3.42E-02	1.63E-04	1.71E-04	NA	7.19E-04	7.19E-06	2.91E-03	NA
356	367775	3757719	Residence	4.65E+00	5.80E-03	1.81E-06	1.11E-04	NA	7.62E-05	3.81E-04	2.35E-04	NA	1.75E-04	NA	2.76E-02	1.31E-04	1.24E-04	NA	5.39E-04	5.39E-06	2.06E-03	NA
357	367809	3757835	Residence	4.30E+00	4.90E-03	1.53E-06	1.01E-04	NA	7.39E-05	3.70E-04	2.11E-04	NA	1.62E-04	NA	2.48E-02	1.18E-04	1.20E-04	NA	5.09E-04	5.09E-06	2.02E-03	NA
358	367807	3757936	Residence	4.17E+00	4.15E-03	1.30E-06	9.51E-05	NA	7.58E-05	3.79E-04	1.96E-04	NA	1.58E-04	NA	2.32E-02	1.10E-04	1.22E-04	NA	5.06E-04	5.06E-06	2.10E-03	NA
359	367775	3757959	Residence	4.08E+00	4.02E-03	1.26E-06	9.28E-05	NA	7.44E-05	3.72E-04	1.91E-04	NA	1.55E-04	NA	2.26E-02	1.08E-04	1.20E-04	NA	4.95E-04	4.95E-06	2.06E-03	NA
360	367798	3758011	Residence	3.96E+00	3.62E-03	1.13E-06	8.88E-05	NA	7.41E-05	3.71E-04	1.81E-04	NA	1.50E-04	NA	2.15E-02	1.02E-04	1.19E-04	NA	4.86E-04	4.86E-06	2.07E-03	NA
361	367914	3757962	Residence	4.19E+00	3.82E-03	1.19E-06	9.39E-05	NA	7.86E-05	3.93E-04	1.92E-04	NA	1.59E-04	NA	2.27E-02	1.08E-04	1.26E-04	NA	5.15E-04	5.15E-06	2.19E-03	NA
362	367905	3757930	Residence	4.30E+00	4.08E-03	1.27E-06	9.71E-05	NA	7.95E-05	3.98E-04	1.99E-04	NA	1.63E-04	NA	2.36E-02	1.12E-04	1.28E-04	NA	5.25E-04	5.25E-06	2.21E-03	NA
363	368109	3757840	Residence	4.81E+00	4.52E-03	1.41E-06	1.08E-04	NA	8.93E-05	4.46E-04	2.22E-04	NA	1.83E-04	NA	2.63E-02	1.25E-04	1.43E-04	NA	5.88E-04	5.88E-06	2.49E-03	NA
364	368233	3757790	Residence	5.14E+00	4.78E-03	1.49E-06	1.16E-04	NA	9.56E-05	4.78E-04	2.37E-04	NA	1.95E-04	NA	2.80E-02	1.33E-04	1.54E-04	NA	6.29E-04	6.29E-06	2.66E-03	NA
365	368309	3757762	Residence	5.34E+00	4.95E-03	1.55E-06	1.20E-04	NA	9.96E-05	4.98E-04	2.46E-04	NA	2.03E-04	NA	2.91E-02	1.39E-04	1.60E-04	NA	6.55E-04	6.55E-06	2.77E-03	NA
366	368603	3757765	Residence	6.30E+00	7.63E-03	2.38E-06	1.50E-04	NA	1.05E-04	5.24E-04	3.15E-04	NA	2.37E-04	NA	3.71E-02	1.77E-04	1.71E-04	NA	7.36E-04	7.36E-06	2.85E-03	NA
367	368604	3757719	Residence	6.22E+00	7.39E-03	2.31E-06	1.47E-04	NA	1.05E-04	5.23E-04	3.09E-04	NA	2.34E-04	NA	3.64E-02	1.73E-04	1.70E-04	NA	7.29E-04	7.29E-06	2.85E-03	NA
368	368770	3757799	Residence	1.06E+01	1.01E-02	3.15E-06	2.40E-04	NA	1.97E-04	9.83E-04	4.92E-04	NA	4.03E-04	NA	5.82E-02	2.77E-04	3.16E-04	NA	1.30E-03	1.30E-05	5.47E-03	NA
369	369017	3757954	Residence	1.39E+01	1.17E-02	3.65E-06	3.07E-04	NA	2.68E-04	1.34E-03	6.23E-04	NA	5.30E-04	NA	7.39E-02	3.52E-04	4.28E-04	NA	1.73E-03	1.73E-05	7.52E-03	NA
370	369080	3757864	Residence	1.53E+01	1.28E-02	4.00E-06	3.39E-04	NA	2.96E-04	1.48E-03	6.86E-04	NA	5.85E-04	NA	8.13E-02	3.87E-04	4.73E-04	NA	1.91E-03	1.91E-05	8.30E-03	NA
371	369224	3757952	Residence	1.07E+01	1.10E-02	3.44E-06	2.45E-04	NA	1.92E-04	9.58E-04	5.07E-04	NA	4.04E-04	NA	5.98E-02	2.85E-04	3.09E-04	NA	1.29E-03	1.29E-05	5.29E-03	NA
372	369409	3757730	Residence	1.35E+01	1.41E-02	4.39E-06	3.10E-04	NA	2.40E-04	1.20E-03	6.42E-04	NA	5.10E-04	NA	7.58E-02	3.61E-04	3.88E-04	NA	1.62E-03	1.62E-05	6.63E-03	NA
373	369454	3757776	Residence	1.01E+01	1.22E-02	3.82E-06	2.40E-04	NA	1.68E-04	8.41E-04	5.05E-04	NA	3.79E-04	NA	5.93E-02	2.83E-04	2.74E-04	NA	1.18E-03	1.18E-05	4.56E-03	NA
374	369265	3757997	Residence	8.45E+00	9.85E-03	3.08E-06	1.99E-04	NA	1.43E-04	7.17E-04	4.17E-04	NA	3.18E-04	NA	4.91E-02	2.34E-04	2.33E-04	NA	9.94E-04	9.94E-06	3.91E-03	NA
375	369452	3758128	Residence	4.75E+00	6.35E-03	1.98E-06	1.16E-04	NA	7.51E-05	3.75E-04	2.47E-04	NA	1.78E-04	NA	2.89E-02	1.38E-04	1.23E-04	NA	5.43E-04	5.43E-06	2.01E-03	NA
376	369460	3758394	Residence	4.78E+00	6.52E-03	2.04E-06	1.17E-04	NA	7.46E-05	3.73E-04	2.50E-04	NA	1.79E-04	NA	2.93E-02	1.39E-04	1.23E-04	NA	5.44E-04	5.44E-06	1.99E-03	NA
377	369853	3758394	Residence	1.35E+01	1.13E-02	3.52E-06	2.97E-04	NA	2.60E-04	1.30E-03	6.02E-04	NA	5.13E-04	NA	7.14E-02	3.40E-04	4.15E-04	NA	1.68E-03	1.68E-05	7.29E-03	NA
378	369850	3758078	Residence	1.59E+01	1.40E-02	4.37E-06	3.55E-04	NA	3.02E-04	1.51E-03	7.21E-04	NA	6.06E-04	NA	8.55E-02	4.07E-04	4.84E-04	NA	1.97E-03	1.97E-05	8.46E-03	NA
384	370886	3758089	Residence	6.32E+00	5.53E-03	1.73E-06	1.41E-04	NA	1.20E-04	6.00E-04	2.86E-04	NA	2.40E-04	NA	3.39E-02	1.61E-04	1.92E-04	NA	7.81E-04	7.81E-06	3.36E-03	NA
391	371193	3757720	Residence	1.57E+01	1.37E-02	4.27E-06	3.49E-04	NA	2.99E-04	1.50E-03	7.10E-04	NA	5.98E-04	NA	8.41E-02	4.01E-04	4.79E-04	NA	1.94E-03	1.94E-05	8.38E-03	NA
392	371254	3757762	Residence	1.52E+01	1.30E-02	4.06E-06	3.37E-04	NA	2.92E-04	1.46E-03	6.85E-04	NA	5.80E-04	NA	8.12E-02	3.87E-04	4.67E-04	NA	1.89E-03	1.89E-05	8.18E-03	NA
393	371264	3757783	Residence	1.48E+01	1.27E-02	3.96E-06	3.28E-04	NA	2.83E-04	1.41E-03	6.65E-04	NA	5.63E-04	NA	7.89E-02	3.76E-04	4.52E-04	NA	1.83E-03	1.83E-05	7.92E-03	NA
394	371372	3757782	Residence	1.53E+01	1.24E-02	3.89E-06	3.36E-04	NA	2.98E-04	1.49E-03	6.79E-04	NA	5.84E-04	NA	8.06E-02	3.84E-04	4.75E-04	NA	1.91E-03	1.91E-05	8.36E-03	NA
395	371399	3757806	Residence	1.49E+01	1.21E-02	3.78E-06	3.27E-04	NA	2.90E-04	1.45E-03	6.60E-04	NA	5.68E-04	NA	7.84E-02	3.73E-04	4.62E-04	NA	1.86E-03	1.86E-05	8.14E-03	NA
396	371798	3758080	Residence	1.06E+01	8.60E-03	2.69E-06	2.33E-04	NA	2.06E-04	1.03E-03	4.70E-04	NA	4.04E-04	NA	5.58E-02	2.66E-04	3.29E-04	NA	1.32E-03	1.32E-05	5.80E-03	NA
397	371908	3757934	Residence	1.13E+01	9.05E-03	2.83E-06	2.48E-04	NA	2.21E-04	1.10E-03	4.99E-04	NA	4.31E-04	NA	5.93E-02	2.82E-04	3.52E-04	NA	1.41E-03	1.41E-05	6.21E-03	NA
398	371964	3757922	Residence	1.11E+01	8.86E-03	2.77E-06	2.43E-04	NA	2.16E-04	1.08E-03	4.89E-04	NA	4.23E-04	NA	5.81E-02	2.77E-04	3.45E-04	NA	1.39E-03	1.39E-05	6.09E-03	NA
442	370667	3755262	Residence	5.58E+00	5.64E-03	1.76E-06	1.28E-04	NA	1.01E-04	5.04E-04	2.64E-04	NA	2.11E-04	NA	3.11E-02	1.48E-04	1.63E-04	NA	6.75E-04	6.75E-06	2.79E-03	NA
443	370380	3755263	Residence	8.16E+00	7.82E-03	2.44E-06	1.85E-04	NA	1.50E-04	7.52E-04	3.79E-04	NA	3.10E-04	NA	4.48E-02	2.13E-04	2.42E-04	NA	9.95E-04	9.95E-06	4.18E-03	NA
444	370076	3755265	Residence	1.00E+01	1.07E-02	3.35E-06	2.32E-04	NA	1.77E-04	8.84E-04	4.81E-04	NA	3.79E-04	NA	5.67E-02	2.70E-04	2.86E-04	NA	1.20E-03	1.20E-05	4.87E-03	NA
446	369498	3755268	Residence	2.04E+01	1.93E-02	6.04E-06	4.61E-04	NA	3.77E-04	1.89E-03	9.44E-04	NA	7.74E-04	NA	1.12E-01	5.32E-04	6.06E-04	NA	2.49E-03	2.49E-05	1.05E-02	NA
447	369194	3755270	Residence	2.09E+01	1.82E-02	5.68E-06	4.64E-04	NA	3.97E-04	1.99E-03	9.43E-04	NA	7.94E-04	NA	1.12E-01	5.32E-04	6.36E-04	NA	2.58E-03	2.58E-05	1.11E-02	NA
448	368889	3755272	Residence	2.00E+01	1.66E-02	5.18E-06	4.40E-04	NA	3.86E-04	1.93E-03	8.91E-04	NA	7.61E-04	NA	1.06E-01	5.03E-04	6.16E-04	NA	2.48E-03	2.48E-05	1.08E-02	NA
449	368569	3755273	Residence	8.87E+00	1.06E-02	3.31E-06	2.10E-04	NA	1.49E-04	7.45E-04	4.42E-04	NA	3.34E-04	NA	5.20E-02	2.48E-04	2.42E-04	NA	1.04E-03	1.04E-05	4.05E-03	NA
450	368275	3755275	Residence	7.86E+00	8.53E-03	2.66E-06	1.82E-04	NA	1.38E-04	6.90E-04	3.79E-04	NA	2.97E-04	NA	4.47E-02	2.13E-04	2.23E-04	NA	9.38E-04	9.38E-06	3.79E-03	NA
451	367936	3755213	Residence	9.40E+00	8.31E-03	2.60E-06	2.10E-04	NA	1.78E-04	8.90E-04	4.27E-04	NA	3.58E-04	NA	5.05E-02	2.41E-04	2.85E-04	NA	1.16E-03	1.16E-05	4.98E-03	NA
74	370324	3758078	School	4.81E+00	5.60E-03	1.75E-06	1.13E-04	NA	8.17E-05	4.09E-04	2.37E-04	NA	1.81E-04	NA	2.79E-02	1.33E-04	1.33E-04	NA	5.66E-04	5.66E-06	2.23E-03	NA
75	370324	3758078	School	5.73E+00	6.12E-03	1.91E-06	1.32E-04	NA	1.01E-04	5.06E-04	2.75E-04	NA	2.16E-04	NA	3.24E-02	1.54E-04	1.63E-04	NA	6.85E-04	6.85E-06	2.78E-03	NA
76	370324	3758078	School	5.56E+00	6.15E-03	1.92E-06	1.30E-04	NA	9.67E-05	4.84E-04	2.70E-04	NA	2.10E-04	NA	3.18E-02	1.51E-04	1.57E-04	NA	6.61E-04	6.61E-06	2.65E-03	NA
77	370324	3758078	School	4.72E+00	5.80E-03	1.81E-06	1.13E-04	NA	7.80E-05	3.90E-04	2.37E-04	NA	1.77E-04	NA	2.79E-02	1.33E-04	1.27E-04	NA	5.49E-04	5.49E-06	2.11E-03	NA
130	370324	3758078	School	7.14E+00	8.99E-03	2.81E-06	1.71E-04	NA	1.16E-04	5.82E-04	3.62E-04	NA	2.68E-04	NA	4.25E-02	2.02E-04	1.90E-04	NA	8.26E-04	8.26E-06	3.15E-03	NA
131	370381	3757991	School	7.16E+00	8.42E-03	2.63E-06	1.69E-04	NA	1.21E-04	6.05E-04	3.54E-04	NA	2.69E-04	NA	4.17E-02	1.99E-04	1.97E-04	NA	8.40E-04	8.40E-06	3.29E-03	NA
132	370435	3758019	School	6.29E+00	7.01E-03	2.19E-06	1.47E-04	NA	1.09E-04	5.46E-04	3.06E-04	NA	2.37E-04	NA	3.60E-02	1.72E-04	1.77E-04	NA	7.47E-04	7.47E-06	2.99E-03	NA
133	370499	3758050	School	5.91E+00	5.79E-03	1.81E-06	1.34E-04	NA	1.08E-04	5.40E-04	2.76E-04	NA	2.24E-04	NA	3.26E-02	1.55E-04	1.74E-04	NA	7.18E-04	7.18E-06	3.00E-03	NA
134	370485	3758025	School	5.95E+00	5.95E-03	1.86E-06	1.36E-04	NA	1.08E-04	5.40E-04	2.80E-04	NA	2.26E-04	NA	3.30E-02	1.57E-04	1.74E-04	NA	7.20E-04	7.20E-06	2.99E-03	NA
135	370481	3758086	School	5.43E+00	5.76E-03	1.80E-06	1.25E-04	NA	9.62E-05	4.81E-04	2.60E-04	NA	2.05E-04	NA	3.06E-02	1.46E-04	1.55E-04	NA	6.50E-04	6.50E-06	2.65E-03	NA
305	369787	3755242	School	1.52E+01	1.28E-02	3.99E-06	3.35E-04	NA	2.92E-04	1.46E-03	6.80E-04	NA	5.78E-04	NA	8.06E-02	3.84E-04	4.67E-04	NA	1.89E-03	1.89E-05	8.19E-03	NA
379	370299	3758078	School	7.28E+00	9.48E-03	2.96E-06	1.76E-04	NA	1.17E-04	5.83E-04	3.74E-04	NA	2.73E-04	NA	4.38E-02	2.09E-04	1.91E-04	NA	8.36E-04	8.36E-06	3.13E-03	NA
380	370298	3757963	School	8.12E+00	1.06E-02	3.32E-06	1.97E-04	NA	1.30E-04	6.48E-04	4.18E-04	NA	3.04E-04	NA	4.90E-02	2.33E-04	2.13E-04	NA	9.32E-04	9.32E-06	3.48E-03	NA
381	370382	3757966	School	7.30E+00	8.59E-03	2.69E-06	1.72E-04	NA	1.23E-04	6.17E-04	3.62E-04	NA	2.75E-04	NA	4.25E-02	2.02E-04	2.01E-04	NA	8.57E-04	8.57E-06	3.36E-03	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	Annual PM10 Conc. (µg/m^3)	AMMONIUM ION (µg/m^3)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m^3)	ANTIMONY Acute Hazard	ARSENIC (µg/m^3)	ARSENIC Acute Hazard	BROMINE (µg/m^3)	BROMINE Acute Hazard	CADMIUM (µg/m^3)	CADMIUM Acute Hazard	CHLORINE (µg/m^3)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m^3)	CHROMIUM VI Acute Hazard	COPPER (µg/m^3)	COPPER Acute Hazard	LEAD (µg/m^3)	LEAD Acute Hazard
		CalEPA Acute REL		NA		3200		NA		0.2		NA		NA		210		NA		100		NA
382	370510	3758027	School	6.28E+00	6.02E-03	1.88E-06	1.42E-04	NA	1.16E-04	5.78E-04	2.92E-04	NA	2.38E-04	NA	3.45E-02	1.64E-04	1.86E-04	NA	7.65E-04	7.65E-06	3.21E-03	NA
383	370506	3758088	School	5.66E+00	5.56E-03	1.74E-06	1.29E-04	NA	1.03E-04	5.16E-04	2.65E-04	NA	2.14E-04	NA	3.13E-02	1.49E-04	1.66E-04	NA	6.87E-04	6.87E-06	2.86E-03	NA
445	369787	3755267	School	1.55E+01	1.31E-02	4.08E-06	3.42E-04	NA	2.97E-04	1.49E-03	6.93E-04	NA	5.89E-04	NA	8.22E-02	3.91E-04	4.75E-04	NA	1.92E-03	1.92E-05	8.34E-03	NA

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
29	370479	3756654	Commercial	2.08E-01	NA	5.00E-03	8.33E-03	1.76E-02	2.94E-03	1.02E-03	NA	4.32E+01	NA	2.96E+00	2.47E-02	5.98E-02	1.99E-03	1.42E-01	NA	4.89E+01	NA
141	370911	3758089	Commercial	5.26E-03	NA	1.31E-04	2.18E-04	4.57E-04	7.62E-05	2.72E-05	NA	1.09E+00	NA	8.41E-02	7.01E-04	1.51E-03	5.03E-05	3.65E-03	NA	1.39E+00	NA
142	370911	3757976	Commercial	5.09E-03	NA	1.35E-04	2.25E-04	4.67E-04	7.79E-05	2.93E-05	NA	1.05E+00	NA	1.00E-01	8.35E-04	1.46E-03	4.87E-05	3.67E-03	NA	1.65E+00	NA
143	370911	3757863	Commercial	5.13E-03	NA	1.50E-04	2.50E-04	5.11E-04	8.51E-05	3.44E-05	NA	1.04E+00	NA	1.31E-01	1.10E-03	1.47E-03	4.91E-05	3.92E-03	NA	2.17E+00	NA
144	370910	3757751	Commercial	6.38E-03	NA	1.90E-04	3.17E-04	6.45E-04	1.08E-04	4.40E-05	NA	1.30E+00	NA	1.71E-01	1.42E-03	1.83E-03	6.11E-05	4.93E-03	NA	2.82E+00	NA
145	370930	3757712	Commercial	7.46E-03	NA	2.18E-04	3.64E-04	7.42E-04	1.24E-04	5.00E-05	NA	1.52E+00	NA	1.91E-01	1.59E-03	2.14E-03	7.14E-05	5.70E-03	NA	3.14E+00	NA
146	370961	3757689	Commercial	8.30E-03	NA	2.40E-04	4.00E-04	8.18E-04	1.36E-04	5.47E-05	NA	1.69E+00	NA	2.06E-01	1.72E-03	2.38E-03	7.95E-05	6.30E-03	NA	3.40E+00	NA
147	371046	3757693	Commercial	1.11E-02	NA	2.93E-04	4.88E-04	1.01E-03	1.69E-04	6.35E-05	NA	2.27E+00	NA	2.16E-01	1.80E-03	3.18E-03	1.06E-04	7.96E-03	NA	3.56E+00	NA
148	371071	3757668	Commercial	1.29E-02	NA	3.30E-04	5.50E-04	1.15E-03	1.92E-04	7.00E-05	NA	2.67E+00	NA	2.26E-01	1.88E-03	3.72E-03	1.24E-04	9.12E-03	NA	3.73E+00	NA
149	371071	3757585	Commercial	1.66E-02	NA	4.06E-04	6.76E-04	1.43E-03	2.38E-04	8.39E-05	NA	3.43E+00	NA	2.54E-01	2.12E-03	4.76E-03	1.59E-04	1.14E-02	NA	4.19E+00	NA
150	371047	3757610	Commercial	1.48E-02	NA	3.71E-04	6.19E-04	1.30E-03	2.17E-04	7.80E-05	NA	3.06E+00	NA	2.46E-01	2.05E-03	4.25E-03	1.42E-04	1.03E-02	NA	4.05E+00	NA
151	371122	3757609	Commercial	1.66E-02	NA	4.02E-04	6.70E-04	1.42E-03	2.36E-04	8.25E-05	NA	3.44E+00	NA	2.44E-01	2.04E-03	4.76E-03	1.59E-04	1.14E-02	NA	4.04E+00	NA
152	371099	3757595	Commercial	1.67E-02	NA	4.07E-04	6.78E-04	1.43E-03	2.38E-04	8.37E-05	NA	3.46E+00	NA	2.50E-01	2.08E-03	4.80E-03	1.60E-04	1.15E-02	NA	4.12E+00	NA
153	371135	3757663	Commercial	1.48E-02	NA	3.63E-04	6.05E-04	1.28E-03	2.13E-04	7.52E-05	NA	3.06E+00	NA	2.29E-01	1.90E-03	4.25E-03	1.42E-04	1.02E-02	NA	3.77E+00	NA
168	371995	3757843	Commercial	9.52E-03	NA	2.28E-04	3.80E-04	8.05E-04	1.34E-04	4.64E-05	NA	1.97E+00	NA	1.34E-01	1.12E-03	2.74E-03	9.12E-05	6.48E-03	NA	2.22E+00	NA
169	371969	3757867	Commercial	9.96E-03	NA	2.37E-04	3.95E-04	8.37E-04	1.39E-04	4.79E-05	NA	2.07E+00	NA	1.36E-01	1.14E-03	2.86E-03	9.54E-05	6.75E-03	NA	2.25E+00	NA
170	372023	3757868	Commercial	9.37E-03	NA	2.24E-04	3.74E-04	7.91E-04	1.32E-04	4.56E-05	NA	1.94E+00	NA	1.32E-01	1.10E-03	2.69E-03	8.97E-05	6.37E-03	NA	2.18E+00	NA
171	372048	3757843	Commercial	8.80E-03	NA	2.13E-04	3.55E-04	7.51E-04	1.25E-04	4.37E-05	NA	1.82E+00	NA	1.29E-01	1.08E-03	2.53E-03	8.43E-05	6.03E-03	NA	2.14E+00	NA
172	372047	3757746	Commercial	7.43E-03	NA	1.88E-04	3.14E-04	6.57E-04	1.10E-04	3.98E-05	NA	1.53E+00	NA	1.27E-01	1.06E-03	2.13E-03	7.11E-05	5.22E-03	NA	2.11E+00	NA
173	372046	3757649	Commercial	7.79E-03	NA	1.92E-04	3.20E-04	6.74E-04	1.12E-04	3.99E-05	NA	1.61E+00	NA	1.22E-01	1.02E-03	2.24E-03	7.46E-05	5.39E-03	NA	2.02E+00	NA
174	372045	3757551	Commercial	9.06E-03	NA	2.15E-04	3.58E-04	7.59E-04	1.27E-04	4.34E-05	NA	1.88E+00	NA	1.23E-01	1.02E-03	2.60E-03	8.68E-05	6.13E-03	NA	2.03E+00	NA
175	372041	3757448	Commercial	9.62E-03	NA	2.27E-04	3.78E-04	8.03E-04	1.34E-04	4.57E-05	NA	2.00E+00	NA	1.28E-01	1.07E-03	2.76E-03	9.21E-05	6.49E-03	NA	2.12E+00	NA
176	372036	3757345	Commercial	9.10E-03	NA	2.19E-04	3.64E-04	7.71E-04	1.29E-04	4.46E-05	NA	1.89E+00	NA	1.30E-01	1.08E-03	2.62E-03	8.72E-05	6.21E-03	NA	2.14E+00	NA
177	372032	3757242	Commercial	7.62E-03	NA	1.97E-04	3.28E-04	6.85E-04	1.14E-04	4.22E-05	NA	1.57E+00	NA	1.39E-01	1.16E-03	2.19E-03	7.29E-05	5.41E-03	NA	2.29E+00	NA
178	372027	3757139	Commercial	9.11E-03	NA	2.33E-04	3.88E-04	8.11E-04	1.35E-04	4.95E-05	NA	1.88E+00	NA	1.60E-01	1.33E-03	2.62E-03	8.72E-05	6.43E-03	NA	2.65E+00	NA
179	372003	3757115	Commercial	9.93E-03	NA	2.50E-04	4.17E-04	8.74E-04	1.46E-04	5.27E-05	NA	2.05E+00	NA	1.67E-01	1.39E-03	2.85E-03	9.51E-05	6.95E-03	NA	2.75E+00	NA
180	371881	3757114	Commercial	9.68E-03	NA	2.51E-04	4.18E-04	8.71E-04	1.45E-04	5.37E-05	NA	1.99E+00	NA	1.77E-01	1.47E-03	2.78E-03	9.27E-05	6.89E-03	NA	2.92E+00	NA
181	371758	3757113	Commercial	9.19E-03	NA	2.47E-04	4.12E-04	8.53E-04	1.42E-04	5.41E-05	NA	1.89E+00	NA	1.88E-01	1.56E-03	2.64E-03	8.79E-05	6.68E-03	NA	3.10E+00	NA
182	371636	3757112	Commercial	1.13E-02	NA	2.88E-04	4.80E-04	1.00E-03	1.67E-04	6.12E-05	NA	2.33E+00	NA	1.98E-01	1.65E-03	3.24E-03	1.08E-04	7.96E-03	NA	3.27E+00	NA
183	371514	3757111	Commercial	1.41E-02	NA	3.42E-04	5.70E-04	1.20E-03	2.01E-04	7.02E-05	NA	2.92E+00	NA	2.08E-01	1.73E-03	4.05E-03	1.35E-04	9.67E-03	NA	3.44E+00	NA
184	371394	3757110	Commercial	1.71E-02	NA	4.09E-04	6.82E-04	1.44E-03	2.41E-04	8.30E-05	NA	3.56E+00	NA	2.38E-01	1.98E-03	4.93E-03	1.64E-04	1.16E-02	NA	3.94E+00	NA
185	371275	3757110	Commercial	2.00E-02	NA	4.75E-04	7.91E-04	1.68E-03	2.80E-04	9.59E-05	NA	4.16E+00	NA	2.72E-01	2.26E-03	5.75E-03	1.92E-04	1.36E-02	NA	4.49E+00	NA
186	371155	3757109	Commercial	2.20E-02	NA	5.30E-04	8.83E-04	1.87E-03	3.11E-04	1.08E-04	NA	4.56E+00	NA	3.16E-01	2.63E-03	6.32E-03	2.11E-04	1.50E-02	NA	5.22E+00	NA
187	371035	3757108	Commercial	2.41E-02	NA	6.03E-04	1.01E-03	2.11E-03	3.52E-04	1.27E-04	NA	4.97E+00	NA	3.97E-01	3.31E-03	6.92E-03	2.31E-04	1.68E-02	NA	6.57E+00	NA
188	371060	3757133	Commercial	2.37E-02	NA	5.89E-04	9.81E-04	2.06E-03	3.44E-04	1.23E-04	NA	4.89E+00	NA	3.81E-01	3.18E-03	6.80E-03	2.27E-04	1.65E-02	NA	6.30E+00	NA
189	371059	3757085	Commercial	2.39E-02	NA	5.91E-04	9.84E-04	2.07E-03	3.45E-04	1.23E-04	NA	4.94E+00	NA	3.77E-01	3.14E-03	6.86E-03	2.29E-04	1.66E-02	NA	6.23E+00	NA
190	371034	3757060	Commercial	2.56E-02	NA	6.28E-04	1.05E-03	2.21E-03	3.68E-04	1.30E-04	NA	5.31E+00	NA	3.92E-01	3.26E-03	7.37E-03	2.46E-04	1.77E-02	NA	6.48E+00	NA
191	370944	3757061	Commercial	2.93E-02	NA	7.28E-04	1.21E-03	2.55E-03	4.25E-04	1.52E-04	NA	6.06E+00	NA	4.70E-01	3.91E-03	8.43E-03	2.81E-04	2.04E-02	NA	7.76E+00	NA
192	370854	3757061	Commercial	3.81E-02	NA	9.18E-04	1.53E-03	3.24E-03	5.39E-04	1.88E-04	NA	7.90E+00	NA	5.50E-01	4.58E-03	1.09E-02	3.65E-04	2.60E-02	NA	9.09E+00	NA
193	370764	3757062	Commercial	4.22E-02	NA	1.02E-03	1.70E-03	3.60E-03	6.00E-04	2.10E-04	NA	8.75E+00	NA	6.20E-01	5.17E-03	1.21E-02	4.04E-04	2.89E-02	NA	1.02E+01	NA
194	370789	3757086	Commercial	3.95E-02	NA	9.57E-04	1.60E-03	3.37E-03	5.62E-04	1.96E-04	NA	8.19E+00	NA	5.80E-01	4.84E-03	1.14E-02	3.79E-04	2.71E-02	NA	9.59E+00	NA
195	370786	3756996	Commercial	4.40E-02	NA	1.07E-03	1.78E-03	3.76E-03	6.27E-04	2.20E-04	NA	9.13E+00	NA	6.52E-01	5.43E-03	1.27E-02	4.22E-04	3.02E-02	NA	1.08E+01	NA
196	370782	3756907	Commercial	4.44E-02	NA	1.08E-03	1.81E-03	3.81E-03	6.35E-04	2.23E-04	NA	9.20E+00	NA	6.68E-01	5.56E-03	1.28E-02	4.25E-04	3.05E-02	NA	1.11E+01	NA
197	370779	3756817	Commercial	4.54E-02	NA	1.15E-03	1.91E-03	4.00E-03	6.67E-04	2.43E-04	NA	9.36E+00	NA	7.69E-01	6.41E-03	1.30E-02	4.34E-04	3.19E-02	NA	1.28E+01	NA
198	370755	3756843	Commercial	5.05E-02	NA	1.22E-03	2.03E-03	4.29E-03	7.15E-04	2.49E-04	NA	1.05E+01	NA	7.26E-01	6.05E-03	1.45E-02	4.84E-04	3.45E-02	NA	1.21E+01	NA
199	370847	3756839	Commercial	3.81E-02	NA	9.67E-04	1.61E-03	3.37E-03	5.62E-04	2.05E-04	NA	7.86E+00	NA	6.53E-01	5.44E-03	1.09E-02	3.65E-04	2.68E-02	NA	1.08E+01	NA
200	370940	3756836	Commercial	3.54E-02	NA	8.88E-04	1.48E-03	3.11E-03	5.18E-04	1.86E-04	NA	7.32E+00	NA	5.84E-01	4.87E-03	1.02E-02	3.39E-04	2.47E-02	NA	9.67E+00	NA
201	371032	3756832	Commercial	3.47E-02	NA	8.45E-04	1.41E-03	2.97E-03	4.96E-04	1.74E-04	NA	7.19E+00	NA	5.19E-01	4.33E-03	9.98E-03	3.33E-04	2.39E-02	NA	8.58E+00	NA
202	371056	3756809	Commercial	3.70E-02	NA	8.84E-04	1.47E-03	3.12E-03	5.20E-04	1.80E-04	NA	7.68E+00	NA	5.17E-01	4.31E-03	1.06E-02	3.54E-04	2.52E-02	NA	8.55E+00	NA
203	371058	3756782	Commercial	3.89E-02	NA	9.21E-04	1.54E-03	3.26E-03	5.43E-04	1.86E-04	NA	8.07E+00	NA	5.27E-01	4.39E-03	1.12E-02	3.72E-04	2.63E-02	NA	8.72E+00	NA
204	371034	3756805	Commercial	3.83E-02	NA	9.15E-04	1.53E-03	3.23E-03	5.38E-04	1.86E-04	NA	7.94E+00	NA	5.37E-01	4.47E-03	1.10E-02	3.67E-04	2.60E-02	NA	8.87E+00	NA
205	371146	3756803	Commercial	3.38E-02	NA	8.00E-04	1.33E-03	2.83E-03	4.72E-04	1.62E-04	NA	7.01E+00	NA	4.57E-01	3.81E-03	9.70E-03	3.23E-04	2.28E-02	NA	7.56E+00	NA
206	371259	3756800	Commercial	2.93E-02	NA	6.93E-04	1.16E-03	2.45E-03	4.09E-04	1.40E-04	NA	6.09E+00	NA	3.93E-01	3.28E-03	8.43E-03	2.81E-04	1.98E-02	NA	6.50E+00	NA
207	371371	3756798	Commercial	2.53E-02	NA	5.99E-04	9.99E-04	2.12E-03	3.53E-04	1.21E-04	NA	5.26E+00	NA	3.42E-01	2.85E-03	7.28E-03	2.43E-04	1.71E-02	NA	5.65E+00	NA
208	371484	3756795	Commercial	2.18E-02	NA	5.19E-04	8.65E-04	1.83E-03	3.06E-04	1.05E-04	NA	4.53E+00	NA	2.99E-01	2.50E-03	6.27E-03	2.09E-04	1.48E-02	NA	4.95E+00	NA
209	371595	3756793	Commercial	1.88E-02	NA	4.51E-04	7.52E-04	1.59E-03	2.65E-04	9.17E-05	NA	3.91E+00	NA	2.65E-01	2.21E-03	5.42E-03	1.81E-04	1.28E-02	NA	4.38E+00	NA
210	371706	3756791	Commercial	1.63E-02	NA	3.93E-04	6.56E-04	1.39E-03	2.31E-04	8.05E-05	NA	3.38E+00	NA	2.36E-01	1.97E-03	4.69E-03	1.56E-04	1.11E-02	NA	3.90E+00	NA
211	371818	3756788	Commercial	1.41E-02	NA	3.44E-04	5.74E-04	1.21E-03	2.02E-04	7.09E-05	NA	2.93E+00	NA	2.12E-01	1.76E-03	4.07E-03	1.36E-04	9.72E-03	NA	3.50E+00	NA
212	371932	3756786	Commercial	1.23E-02	NA	3.02E-04	5.04E-04	1.06E-03	1.77E-04	6.27E-05	NA	2.54E+00	NA	1.91E-01	1.59E-03	3.53E-03	1.18E-04	8.48E-03	NA	3.15E+00	NA
213	372046	3756783	Commercial	1.07E-02	NA	2.66E-04	4.44E-04	9.33E-04	1.56E-04	5.56E-05	NA	2.21E+00	NA	1.72E-01	1.44E-03	3.08E-03	1.03E-04	7.45E-03	NA	2.85E+00	NA
214	372161	3756780	Commercial	9.38E-03	NA	2.36E-04	3.93E-04	8.25E-04	1.37E-04	4.96E-05	NA	1.94E+00	NA	1.57E-01	1.30E-03	2.70E-03	8.98E-05	6.56E-03	NA	2.59E+00	NA
215	372275	3756778	Commercial	8.23E-03	NA	2.10E-04	3.49E-04	7.31E-04	1.22E-04	4.44E-05	NA	1.70E+00	NA	1.43E-01	1.19E-03	2.36E-03	7.88E-05	5.80E-03	NA	2.36E+00	NA
216	372385	3756776	Commercial	7.31E-03	NA	1.88E-04	3.14E-04	6.55E-04	1.09E-04	4.02E-05	NA	1.51E+00	NA	1.32E-01	1.10E-03	2.10E-03	7.00E-05	5.18E-03	NA	2.18E+00	NA
217	372494	3756773	Commercial	6.49E-03	NA	1.69E-04	2.82E-04	5.88E-04	9.80E-05	3.65E-05	NA	1.34E+00	NA	1.22E-01	1.01E-03	1.86E-03	6.21E-05	4.64E-03	NA	2.01E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
218	372604	3756771	Commercial	5.80E-03	NA	1.53E-04	2.55E-04	5.30E-04	8.84E-05	3.32E-05	NA	1.19E+00	NA	1.12E-01	9.37E-04	1.66E-03	5.55E-05	4.17E-03	NA	1.86E+00	NA
219	372714	3756768	Commercial	5.18E-03	NA	1.39E-04	2.31E-04	4.79E-04	7.99E-05	3.03E-05	NA	1.06E+00	NA	1.05E-01	8.72E-04	1.49E-03	4.96E-05	3.76E-03	NA	1.73E+00	NA
220	372738	3756742	Commercial	4.56E-03	NA	1.26E-04	2.10E-04	4.32E-04	7.21E-05	2.80E-05	NA	9.33E-01	NA	1.00E-01	8.37E-04	1.31E-03	4.36E-05	3.37E-03	NA	1.66E+00	NA
221	372733	3756647	Commercial	2.90E-03	NA	9.25E-05	1.54E-04	3.10E-04	5.17E-05	2.21E-05	NA	5.85E-01	NA	9.06E-02	7.55E-04	8.32E-04	2.77E-05	2.34E-03	NA	1.50E+00	NA
222	372820	3756574	Commercial	2.28E-03	NA	7.55E-05	1.26E-04	2.52E-04	4.19E-05	1.83E-05	NA	4.58E-01	NA	7.73E-02	6.44E-04	6.54E-04	2.18E-05	1.88E-03	NA	1.27E+00	NA
223	372844	3756548	Commercial	2.10E-03	NA	7.04E-05	1.17E-04	2.34E-04	3.90E-05	1.72E-05	NA	4.21E-01	NA	7.29E-02	6.08E-04	6.02E-04	2.01E-05	1.75E-03	NA	1.20E+00	NA
224	372839	3756454	Commercial	1.26E-03	NA	5.03E-05	8.39E-05	1.63E-04	2.72E-05	1.31E-05	NA	2.47E-01	NA	6.13E-02	5.11E-04	3.60E-04	1.20E-05	1.18E-03	NA	1.01E+00	NA
225	372821	3756363	Commercial	7.34E-04	NA	3.67E-05	6.11E-05	1.16E-04	1.93E-05	1.02E-05	NA	1.39E-01	NA	5.16E-02	4.30E-04	2.10E-04	6.99E-06	8.01E-04	NA	8.50E-01	NA
226	372796	3756343	Commercial	7.25E-04	NA	3.53E-05	5.89E-05	1.12E-04	1.86E-05	9.74E-06	NA	1.37E-01	NA	4.89E-02	4.08E-04	2.07E-04	6.90E-06	7.76E-04	NA	8.07E-01	NA
227	372731	3756328	Commercial	7.29E-04	NA	3.55E-05	5.91E-05	1.12E-04	1.87E-05	9.77E-06	NA	1.38E-01	NA	4.91E-02	4.09E-04	2.08E-04	6.95E-06	7.80E-04	NA	8.10E-01	NA
228	372707	3756352	Commercial	7.68E-04	NA	3.77E-05	6.29E-05	1.19E-04	1.99E-05	1.04E-05	NA	1.45E-01	NA	5.25E-02	4.38E-04	2.20E-04	7.32E-06	8.28E-04	NA	8.66E-01	NA
229	372928	3756344	Commercial	6.81E-04	NA	3.33E-05	5.55E-05	1.05E-04	1.76E-05	9.19E-06	NA	1.29E-01	NA	4.63E-02	3.86E-04	1.94E-04	6.48E-06	7.31E-04	NA	7.63E-01	NA
230	372952	3756319	Commercial	6.51E-04	NA	3.15E-05	5.26E-05	1.00E-04	1.67E-05	8.68E-06	NA	1.24E-01	NA	4.36E-02	3.63E-04	1.86E-04	6.20E-06	6.95E-04	NA	7.18E-01	NA
231	372951	3756245	Commercial	6.08E-04	NA	2.74E-05	4.57E-05	8.77E-05	1.46E-05	7.41E-06	NA	1.17E-01	NA	3.63E-02	3.03E-04	1.74E-04	5.80E-06	6.17E-04	NA	5.99E-01	NA
232	372927	3756270	Commercial	5.92E-04	NA	2.83E-05	4.72E-05	9.00E-05	1.50E-05	7.78E-06	NA	1.13E-01	NA	3.89E-02	3.24E-04	1.69E-04	5.64E-06	6.26E-04	NA	6.41E-01	NA
233	373033	3756268	Commercial	5.70E-04	NA	2.71E-05	4.51E-05	8.61E-05	1.43E-05	7.42E-06	NA	1.09E-01	NA	3.70E-02	3.08E-04	1.63E-04	5.43E-06	6.00E-04	NA	6.10E-01	NA
234	373139	3756266	Commercial	5.49E-04	NA	2.59E-05	4.32E-05	8.24E-05	1.37E-05	7.09E-06	NA	1.05E-01	NA	3.53E-02	2.94E-04	1.57E-04	5.23E-06	5.75E-04	NA	5.82E-01	NA
235	373245	3756264	Commercial	5.28E-04	NA	2.48E-05	4.14E-05	7.90E-05	1.32E-05	6.78E-06	NA	1.01E-01	NA	3.37E-02	2.81E-04	1.51E-04	5.03E-06	5.51E-04	NA	5.56E-01	NA
236	373351	3756262	Commercial	5.08E-04	NA	2.38E-05	3.96E-05	7.57E-05	1.26E-05	6.49E-06	NA	9.70E-02	NA	3.22E-02	2.68E-04	1.45E-04	4.84E-06	5.29E-04	NA	5.31E-01	NA
237	373457	3756261	Commercial	4.89E-04	NA	2.28E-05	3.80E-05	7.26E-05	1.21E-05	6.22E-06	NA	9.34E-02	NA	3.08E-02	2.57E-04	1.40E-04	4.66E-06	5.08E-04	NA	5.09E-01	NA
238	373482	3756235	Commercial	4.65E-04	NA	2.17E-05	3.61E-05	6.90E-05	1.15E-05	5.91E-06	NA	8.87E-02	NA	2.93E-02	2.44E-04	1.33E-04	4.43E-06	4.83E-04	NA	4.83E-01	NA
239	373480	3756123	Commercial	4.85E-04	NA	1.86E-05	3.11E-05	6.08E-05	1.01E-05	4.79E-06	NA	9.56E-02	NA	2.20E-02	1.83E-04	1.39E-04	4.63E-06	4.41E-04	NA	3.62E-01	NA
240	373479	3756010	Commercial	5.01E-04	NA	1.81E-05	3.01E-05	5.95E-05	9.92E-06	4.54E-06	NA	9.96E-02	NA	2.02E-02	1.68E-04	1.44E-04	4.79E-06	4.37E-04	NA	3.33E-01	NA
241	373477	3755897	Commercial	5.84E-04	NA	2.10E-05	3.50E-05	6.91E-05	1.15E-05	5.26E-06	NA	1.16E-01	NA	2.33E-02	1.94E-04	1.67E-04	5.58E-06	5.08E-04	NA	3.85E-01	NA
242	373476	3755785	Commercial	6.82E-04	NA	2.41E-05	4.01E-05	7.95E-05	1.32E-05	6.00E-06	NA	1.36E-01	NA	2.63E-02	2.19E-04	1.95E-04	6.51E-06	5.86E-04	NA	4.34E-01	NA
243	373474	3755672	Commercial	9.46E-04	NA	2.99E-05	4.99E-05	1.00E-04	1.67E-05	7.12E-06	NA	1.91E-01	NA	2.90E-02	2.42E-04	2.71E-04	9.05E-06	7.59E-04	NA	4.79E-01	NA
244	373473	3755559	Commercial	1.35E-03	NA	3.80E-05	6.34E-05	1.30E-04	2.17E-05	8.55E-06	NA	2.76E-01	NA	3.13E-02	2.61E-04	3.88E-04	1.29E-05	1.01E-03	NA	5.17E-01	NA
245	373447	3755535	Commercial	1.50E-03	NA	4.10E-05	6.84E-05	1.41E-04	2.35E-05	9.08E-06	NA	3.07E-01	NA	3.22E-02	2.69E-04	4.30E-04	1.43E-05	1.10E-03	NA	5.33E-01	NA
246	373334	3755539	Commercial	1.73E-03	NA	4.62E-05	7.70E-05	1.60E-04	2.66E-05	1.01E-05	NA	3.56E-01	NA	3.46E-02	2.88E-04	4.97E-04	1.66E-05	1.25E-03	NA	5.71E-01	NA
247	373221	3755544	Commercial	1.99E-03	NA	5.19E-05	8.65E-05	1.80E-04	3.00E-05	1.12E-05	NA	4.11E-01	NA	3.70E-02	3.09E-04	5.73E-04	1.91E-05	1.42E-03	NA	6.12E-01	NA
248	373197	3755568	Commercial	1.95E-03	NA	5.12E-05	8.53E-05	1.77E-04	2.96E-05	1.11E-05	NA	4.01E-01	NA	3.72E-02	3.10E-04	5.60E-04	1.87E-05	1.40E-03	NA	6.14E-01	NA
249	373196	3755636	Commercial	1.64E-03	NA	4.53E-05	7.55E-05	1.56E-04	2.60E-05	1.01E-05	NA	3.37E-01	NA	3.60E-02	3.00E-04	4.72E-04	1.57E-05	1.21E-03	NA	5.94E-01	NA
250	373194	3755705	Commercial	1.34E-03	NA	3.94E-05	6.57E-05	1.34E-04	2.23E-05	9.05E-06	NA	2.74E-01	NA	3.45E-02	2.88E-04	3.86E-04	1.29E-05	1.03E-03	NA	5.70E-01	NA
251	373220	3755680	Commercial	1.39E-03	NA	4.03E-05	6.71E-05	1.37E-04	2.29E-05	9.17E-06	NA	2.84E-01	NA	3.45E-02	2.87E-04	4.00E-04	1.33E-05	1.06E-03	NA	5.70E-01	NA
252	373135	3755679	Commercial	1.60E-03	NA	4.48E-05	7.47E-05	1.53E-04	2.56E-05	1.00E-05	NA	3.27E-01	NA	3.66E-02	3.05E-04	4.59E-04	1.53E-05	1.19E-03	NA	6.05E-01	NA
253	373160	3755704	Commercial	1.42E-03	NA	4.13E-05	6.88E-05	1.41E-04	2.34E-05	9.41E-06	NA	2.90E-01	NA	3.54E-02	2.95E-04	4.09E-04	1.36E-05	1.08E-03	NA	5.86E-01	NA
254	373158	3755635	Commercial	1.75E-03	NA	4.76E-05	7.93E-05	1.64E-04	2.73E-05	1.05E-05	NA	3.58E-01	NA	3.70E-02	3.08E-04	5.02E-04	1.67E-05	1.28E-03	NA	6.11E-01	NA
255	373156	3755566	Commercial	2.07E-03	NA	5.38E-05	8.97E-05	1.87E-04	3.12E-05	1.16E-05	NA	4.27E-01	NA	3.83E-02	3.19E-04	5.95E-04	1.98E-05	1.48E-03	NA	6.33E-01	NA
256	373132	3755542	Commercial	2.25E-03	NA	5.74E-05	9.56E-05	2.00E-04	3.33E-05	1.22E-05	NA	4.64E-01	NA	3.92E-02	3.27E-04	6.46E-04	2.15E-05	1.59E-03	NA	6.49E-01	NA
257	373055	3755538	Commercial	2.49E-03	NA	6.25E-05	1.04E-04	2.19E-04	3.64E-05	1.31E-05	NA	5.15E-01	NA	4.12E-02	3.43E-04	7.16E-04	2.39E-05	1.74E-03	NA	6.81E-01	NA
258	373079	3755562	Commercial	2.31E-03	NA	5.89E-05	9.82E-05	2.05E-04	3.42E-05	1.25E-05	NA	4.77E-01	NA	4.03E-02	3.36E-04	6.64E-04	2.21E-05	1.63E-03	NA	6.66E-01	NA
259	373077	3755465	Commercial	2.72E-03	NA	6.66E-05	1.11E-04	2.34E-04	3.90E-05	1.38E-05	NA	5.64E-01	NA	4.14E-02	3.45E-04	7.82E-04	2.61E-05	1.88E-03	NA	6.84E-01	NA
260	373075	3755368	Commercial	3.01E-03	NA	7.19E-05	1.20E-04	2.54E-04	4.23E-05	1.46E-05	NA	6.25E-01	NA	4.19E-02	3.49E-04	8.66E-04	2.89E-05	2.05E-03	NA	6.93E-01	NA
261	373073	3755271	Commercial	3.14E-03	NA	7.40E-05	1.23E-04	2.62E-04	4.37E-05	1.49E-05	NA	6.52E-01	NA	4.17E-02	3.48E-04	9.02E-04	3.01E-05	2.12E-03	NA	6.90E-01	NA
262	373071	3755174	Commercial	3.09E-03	NA	7.28E-05	1.21E-04	2.58E-04	4.29E-05	1.46E-05	NA	6.41E-01	NA	4.10E-02	3.42E-04	8.87E-04	2.96E-05	2.08E-03	NA	6.78E-01	NA
263	373046	3755149	Commercial	3.06E-03	NA	7.23E-05	1.21E-04	2.56E-04	4.26E-05	1.46E-05	NA	6.35E-01	NA	4.11E-02	3.42E-04	8.79E-04	2.93E-05	2.07E-03	NA	6.79E-01	NA
264	372939	3755150	Commercial	3.08E-03	NA	7.33E-05	1.22E-04	2.59E-04	4.32E-05	1.49E-05	NA	6.39E-01	NA	4.25E-02	3.54E-04	8.85E-04	2.95E-05	2.09E-03	NA	7.02E-01	NA
265	372832	3755151	Commercial	3.04E-03	NA	7.33E-05	1.22E-04	2.58E-04	4.31E-05	1.50E-05	NA	6.31E-01	NA	4.37E-02	3.64E-04	8.75E-04	2.92E-05	2.08E-03	NA	7.23E-01	NA
266	372725	3755152	Commercial	2.95E-03	NA	7.21E-05	1.20E-04	2.53E-04	4.22E-05	1.49E-05	NA	6.10E-01	NA	4.49E-02	3.74E-04	8.47E-04	2.82E-05	2.03E-03	NA	7.41E-01	NA
267	372623	3755157	Commercial	2.83E-03	NA	7.05E-05	1.17E-04	2.47E-04	4.11E-05	1.47E-05	NA	5.84E-01	NA	4.59E-02	3.82E-04	8.12E-04	2.71E-05	1.97E-03	NA	7.58E-01	NA
268	372527	3755158	Commercial	2.63E-03	NA	6.74E-05	1.12E-04	2.35E-04	3.91E-05	1.43E-05	NA	5.43E-01	NA	4.65E-02	3.88E-04	7.56E-04	2.52E-05	1.86E-03	NA	7.68E-01	NA
269	372431	3755159	Commercial	2.40E-03	NA	6.36E-05	1.06E-04	2.20E-04	3.67E-05	1.38E-05	NA	4.94E-01	NA	4.69E-02	3.91E-04	6.90E-04	2.30E-05	1.73E-03	NA	7.74E-01	NA
270	372334	3755160	Commercial	2.13E-03	NA	5.88E-05	9.81E-05	2.02E-04	3.37E-05	1.31E-05	NA	4.36E-01	NA	4.70E-02	3.92E-04	6.11E-04	2.04E-05	1.57E-03	NA	7.75E-01	NA
271	372237	3755161	Commercial	1.83E-03	NA	5.36E-05	8.93E-05	1.82E-04	3.04E-05	1.23E-05	NA	3.73E-01	NA	4.68E-02	3.90E-04	5.26E-04	1.75E-05	1.40E-03	NA	7.72E-01	NA
272	372139	3755161	Commercial	1.52E-03	NA	4.79E-05	7.98E-05	1.61E-04	2.68E-05	1.14E-05	NA	3.07E-01	NA	4.62E-02	3.85E-04	4.36E-04	1.45E-05	1.22E-03	NA	7.61E-01	NA
273	372040	3755162	Commercial	1.21E-03	NA	4.20E-05	7.00E-05	1.39E-04	2.32E-05	1.04E-05	NA	2.42E-01	NA	4.51E-02	3.75E-04	3.48E-04	1.16E-05	1.03E-03	NA	7.43E-01	NA
274	371941	3755163	Commercial	1.03E-03	NA	3.82E-05	6.36E-05	1.25E-04	2.09E-05	9.66E-06	NA	2.05E-01	NA	4.34E-02	3.62E-04	2.97E-04	9.88E-06	9.15E-04	NA	7.16E-01	NA
275	371843	3755164	Commercial	9.67E-04	NA	3.60E-05	6.00E-05	1.18E-04	1.97E-05	9.14E-06	NA	1.91E-01	NA	4.13E-02	3.44E-04	2.77E-04	9.24E-06	8.61E-04	NA	6.81E-01	NA
276	371748	3755165	Commercial	8.23E-04	NA	3.23E-05	5.38E-05	1.05E-04	1.75E-05	8.35E-06	NA	1.62E-01	NA	3.87E-02	3.23E-04	2.36E-04	7.85E-06	7.58E-04	NA	6.38E-01	NA
277	371653	3755165	Commercial	9.75E-04	NA	3.77E-05	6.28E-05	1.23E-04	2.05E-05	9.71E-06	NA	1.92E-01	NA	4.46E-02	3.72E-04	2.79E-04	9.31E-06	8.90E-04	NA	7.38E-01	NA
278	371558	3755166	Commercial	1.56E-03	NA	5.13E-05	8.54E-05	1.71E-04	2.85E-05	1.24E-05	NA	3.13E-01	NA	5.20E-02	4.33E-04	4.46E-04	1.49E-05	1.28E-03	NA	8.60E-01	NA
279	371463	3755167	Commercial	2.36E-03	NA	6.88E-05	1.15E-04	2.34E-04	3.90E-05	1.57E-05	NA	4.80E-01	NA	5.97E-02	4.97E-04	6.77E-04	2.26E-05	1.80E-03	NA	9.87E-01	NA
280	371359	3755168	Commercial	3.45E-03	NA	9.18E-05	1.53E-04	3.18E-04	5.29E-05	2.00E-05	NA	7.10E-01	NA	6.83E-02	5.69E-04	9.92E-04	3.31E-05	2.49E-03	NA	1.13E+00	NA
281	371256	3755169	Commercial	4.65E-03	NA	1.16E-04	1.94E-04	4.07E-04	6.79E-05	2.44E-05	NA	9.61E-01	NA	7.63E-02	6.36E-04	1.34E-03	4.46E-05	3.25E-03	NA	1.26E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
282	371152	3755170	Commercial	5.70E-03	NA	1.38E-04	2.30E-04	4.86E-04	8.09E-05	2.82E-05	NA	1.18E+00	NA	8.32E-02	6.94E-04	1.64E-03	5.46E-05	3.90E-03	NA	1.38E+00	NA
283	371049	3755171	Commercial	6.30E-03	NA	1.51E-04	2.51E-04	5.32E-04	8.86E-05	3.06E-05	NA	1.31E+00	NA	8.82E-02	7.35E-04	1.81E-03	6.03E-05	4.28E-03	NA	1.46E+00	NA
284	371024	3755197	Commercial	6.47E-03	NA	1.55E-04	2.58E-04	5.46E-04	9.10E-05	3.15E-05	NA	1.34E+00	NA	9.08E-02	7.57E-04	1.86E-03	6.20E-05	4.40E-03	NA	1.50E+00	NA
285	371028	3755273	Commercial	6.75E-03	NA	1.62E-04	2.70E-04	5.71E-04	9.52E-05	3.30E-05	NA	1.40E+00	NA	9.58E-02	7.98E-04	1.94E-03	6.46E-05	4.60E-03	NA	1.58E+00	NA
286	371031	3755350	Commercial	6.85E-03	NA	1.66E-04	2.76E-04	5.84E-04	9.74E-05	3.40E-05	NA	1.42E+00	NA	1.00E-01	8.37E-04	1.97E-03	6.56E-05	4.69E-03	NA	1.66E+00	NA
287	371020	3755376	Commercial	6.98E-03	NA	1.69E-04	2.82E-04	5.96E-04	9.93E-05	3.47E-05	NA	1.45E+00	NA	1.03E-01	8.57E-04	2.01E-03	6.69E-05	4.79E-03	NA	1.70E+00	NA
288	371018	3755470	Commercial	6.89E-03	NA	1.70E-04	2.84E-04	5.98E-04	9.96E-05	3.54E-05	NA	1.43E+00	NA	1.08E-01	9.04E-04	1.98E-03	6.60E-05	4.78E-03	NA	1.79E+00	NA
289	371017	3755556	Commercial	6.50E-03	NA	1.65E-04	2.76E-04	5.77E-04	9.62E-05	3.51E-05	NA	1.34E+00	NA	1.13E-01	9.39E-04	1.87E-03	6.22E-05	4.58E-03	NA	1.86E+00	NA
290	371040	3755532	Commercial	6.19E-03	NA	1.58E-04	2.63E-04	5.51E-04	9.18E-05	3.36E-05	NA	1.28E+00	NA	1.08E-01	9.04E-04	1.78E-03	5.93E-05	4.37E-03	NA	1.79E+00	NA
291	371026	3755420	Commercial	6.88E-03	NA	1.69E-04	2.81E-04	5.92E-04	9.87E-05	3.48E-05	NA	1.43E+00	NA	1.05E-01	8.75E-04	1.98E-03	6.59E-05	4.74E-03	NA	1.73E+00	NA
292	371016	3755399	Commercial	7.04E-03	NA	1.71E-04	2.85E-04	6.02E-04	1.00E-04	3.52E-05	NA	1.46E+00	NA	1.05E-01	8.72E-04	2.02E-03	6.74E-05	4.83E-03	NA	1.73E+00	NA
293	370916	3755327	Commercial	7.34E-03	NA	1.76E-04	2.94E-04	6.22E-04	1.04E-04	3.60E-05	NA	1.52E+00	NA	1.05E-01	8.75E-04	2.11E-03	7.03E-05	5.01E-03	NA	1.73E+00	NA
294	370816	3755255	Commercial	5.98E-03	NA	1.49E-04	2.49E-04	5.23E-04	8.72E-05	3.13E-05	NA	1.24E+00	NA	9.78E-02	8.15E-04	1.72E-03	5.73E-05	4.17E-03	NA	1.61E+00	NA
385	370885	3757751	Commercial	5.95E-03	NA	1.80E-04	3.00E-04	6.08E-04	1.01E-04	4.19E-05	NA	1.21E+00	NA	1.65E-01	1.37E-03	1.71E-03	5.69E-05	4.64E-03	NA	2.71E+00	NA
386	370907	3757702	Commercial	7.31E-03	NA	2.15E-04	3.59E-04	7.31E-04	1.22E-04	4.95E-05	NA	1.49E+00	NA	1.90E-01	1.58E-03	2.10E-03	6.99E-05	5.61E-03	NA	3.13E+00	NA
387	370945	3757670	Commercial	8.48E-03	NA	2.45E-04	4.09E-04	8.37E-04	1.39E-04	5.60E-05	NA	1.73E+00	NA	2.11E-01	1.76E-03	2.44E-03	8.12E-05	6.44E-03	NA	3.48E+00	NA
388	371046	3757668	Commercial	1.21E-02	NA	3.15E-04	5.26E-04	1.10E-03	1.83E-04	6.77E-05	NA	2.50E+00	NA	2.25E-01	1.87E-03	3.48E-03	1.16E-04	8.65E-03	NA	3.71E+00	NA
389	371046	3757585	Commercial	1.59E-02	NA	3.95E-04	6.59E-04	1.39E-03	2.31E-04	8.24E-05	NA	3.30E+00	NA	2.55E-01	2.12E-03	4.58E-03	1.53E-04	1.11E-02	NA	4.20E+00	NA
390	371122	3757584	Commercial	1.74E-02	NA	4.20E-04	7.00E-04	1.48E-03	2.47E-04	8.58E-05	NA	3.61E+00	NA	2.51E-01	2.09E-03	5.01E-03	1.67E-04	1.19E-02	NA	4.15E+00	NA
399	371970	3757842	Commercial	9.82E-03	NA	2.34E-04	3.91E-04	8.28E-04	1.38E-04	4.76E-05	NA	2.04E+00	NA	1.37E-01	1.14E-03	2.82E-03	9.41E-05	6.67E-03	NA	2.26E+00	NA
400	372023	3757843	Commercial	9.14E-03	NA	2.20E-04	3.67E-04	7.77E-04	1.29E-04	4.50E-05	NA	1.90E+00	NA	1.32E-01	1.10E-03	2.63E-03	8.76E-05	6.25E-03	NA	2.18E+00	NA
401	372020	3757552	Commercial	9.09E-03	NA	2.16E-04	3.60E-04	7.63E-04	1.27E-04	4.37E-05	NA	1.89E+00	NA	1.24E-01	1.04E-03	2.61E-03	8.71E-05	6.16E-03	NA	2.06E+00	NA
402	372002	3757140	Commercial	9.01E-03	NA	2.32E-04	3.86E-04	8.07E-04	1.34E-04	4.95E-05	NA	1.86E+00	NA	1.62E-01	1.35E-03	2.59E-03	8.62E-05	6.38E-03	NA	2.67E+00	NA
403	371514	3757136	Commercial	1.46E-02	NA	3.52E-04	5.86E-04	1.24E-03	2.07E-04	7.17E-05	NA	3.04E+00	NA	2.08E-01	1.74E-03	4.21E-03	1.40E-04	9.98E-03	NA	3.45E+00	NA
404	371035	3757133	Commercial	2.56E-02	NA	6.31E-04	1.05E-03	2.21E-03	3.69E-04	1.31E-04	NA	5.31E+00	NA	3.98E-01	3.31E-03	7.37E-03	2.46E-04	1.77E-02	NA	6.57E+00	NA
405	371034	3757085	Commercial	2.39E-02	NA	6.00E-04	9.99E-04	2.10E-03	3.49E-04	1.26E-04	NA	4.94E+00	NA	3.96E-01	3.30E-03	6.86E-03	2.29E-04	1.67E-02	NA	6.55E+00	NA
406	370764	3757087	Commercial	3.91E-02	NA	9.55E-04	1.59E-03	3.36E-03	5.60E-04	1.97E-04	NA	8.09E+00	NA	5.92E-01	4.94E-03	1.12E-02	3.74E-04	2.69E-02	NA	9.79E+00	NA
407	370754	3756818	Commercial	4.95E-02	NA	1.23E-03	2.05E-03	4.31E-03	7.18E-04	2.57E-04	NA	1.02E+01	NA	7.93E-01	6.61E-03	1.42E-02	4.74E-04	3.44E-02	NA	1.32E+01	NA
408	371031	3756807	Commercial	3.81E-02	NA	9.13E-04	1.52E-03	3.22E-03	5.37E-04	1.86E-04	NA	7.91E+00	NA	5.37E-01	4.48E-03	1.10E-02	3.65E-04	2.60E-02	NA	8.88E+00	NA
409	371033	3756780	Commercial	4.03E-02	NA	9.57E-04	1.59E-03	3.38E-03	5.64E-04	1.93E-04	NA	8.37E+00	NA	5.49E-01	4.58E-03	1.16E-02	3.86E-04	2.73E-02	NA	9.08E+00	NA
410	371483	3756770	Commercial	2.08E-02	NA	5.01E-04	8.34E-04	1.77E-03	2.94E-04	1.02E-04	NA	4.32E+00	NA	2.97E-01	2.48E-03	5.99E-03	2.00E-04	1.42E-02	NA	4.92E+00	NA
411	371817	3756763	Commercial	1.32E-02	NA	3.26E-04	5.43E-04	1.14E-03	1.90E-04	6.79E-05	NA	2.72E+00	NA	2.09E-01	1.74E-03	3.78E-03	1.26E-04	9.13E-03	NA	3.45E+00	NA
412	372274	3756753	Commercial	7.51E-03	NA	1.96E-04	3.26E-04	6.79E-04	1.13E-04	4.21E-05	NA	1.55E+00	NA	1.40E-01	1.17E-03	2.16E-03	7.19E-05	5.36E-03	NA	2.32E+00	NA
413	372713	3756743	Commercial	4.69E-03	NA	1.29E-04	2.15E-04	4.44E-04	7.39E-05	2.87E-05	NA	9.61E-01	NA	1.02E-01	8.53E-04	1.35E-03	4.49E-05	3.46E-03	NA	1.69E+00	NA
414	372703	3756553	Commercial	2.25E-03	NA	7.60E-05	1.27E-04	2.52E-04	4.21E-05	1.86E-05	NA	4.51E-01	NA	7.94E-02	6.61E-04	6.45E-04	2.15E-05	1.88E-03	NA	1.31E+00	NA
415	372819	3756549	Commercial	2.13E-03	NA	7.13E-05	1.19E-04	2.37E-04	3.96E-05	1.74E-05	NA	4.26E-01	NA	7.40E-02	6.17E-04	6.10E-04	2.03E-05	1.77E-03	NA	1.22E+00	NA
416	372814	3756455	Commercial	1.28E-03	NA	5.11E-05	8.52E-05	1.66E-04	2.77E-05	1.33E-05	NA	2.50E-01	NA	6.24E-02	5.20E-04	3.65E-04	1.22E-05	1.19E-03	NA	1.03E+00	NA
417	372797	3756368	Commercial	7.48E-04	NA	3.75E-05	6.25E-05	1.18E-04	1.97E-05	1.04E-05	NA	1.41E-01	NA	5.28E-02	4.40E-04	2.14E-04	7.12E-06	8.18E-04	NA	8.71E-01	NA
418	372705	3756372	Commercial	7.90E-04	NA	3.96E-05	6.61E-05	1.25E-04	2.09E-05	1.10E-05	NA	1.49E-01	NA	5.58E-02	4.65E-04	2.26E-04	7.52E-06	8.64E-04	NA	9.21E-01	NA
419	372706	3756327	Commercial	7.36E-04	NA	3.58E-05	5.97E-05	1.14E-04	1.89E-05	9.88E-06	NA	1.40E-01	NA	4.97E-02	4.14E-04	2.10E-04	7.01E-06	7.88E-04	NA	8.19E-01	NA
420	372927	3756319	Commercial	6.59E-04	NA	3.19E-05	5.32E-05	1.01E-04	1.69E-05	8.79E-06	NA	1.25E-01	NA	4.41E-02	3.68E-04	1.88E-04	6.28E-06	7.03E-04	NA	7.27E-01	NA
421	372926	3756245	Commercial	6.22E-04	NA	2.78E-05	4.64E-05	8.91E-05	1.48E-05	7.50E-06	NA	1.20E-01	NA	3.67E-02	3.06E-04	1.78E-04	5.93E-06	6.27E-04	NA	6.05E-01	NA
422	373457	3756236	Commercial	4.68E-04	NA	2.19E-05	3.65E-05	6.97E-05	1.16E-05	5.97E-06	NA	8.95E-02	NA	2.96E-02	2.47E-04	1.34E-04	4.46E-06	4.87E-04	NA	4.88E-01	NA
423	373448	3755560	Commercial	1.40E-03	NA	3.90E-05	6.51E-05	1.34E-04	2.23E-05	8.74E-06	NA	2.86E-01	NA	3.17E-02	2.65E-04	4.01E-04	1.34E-05	1.04E-03	NA	5.25E-01	NA
424	373222	3755569	Commercial	1.88E-03	NA	4.97E-05	8.29E-05	1.72E-04	2.87E-05	1.08E-05	NA	3.87E-01	NA	3.66E-02	3.05E-04	5.40E-04	1.80E-05	1.35E-03	NA	6.05E-01	NA
425	373219	3755705	Commercial	1.29E-03	NA	3.81E-05	6.35E-05	1.29E-04	2.16E-05	8.80E-06	NA	2.62E-01	NA	3.39E-02	2.82E-04	3.69E-04	1.23E-05	9.91E-04	NA	5.60E-01	NA
426	373135	3755704	Commercial	1.48E-03	NA	4.25E-05	7.09E-05	1.45E-04	2.42E-05	9.66E-06	NA	3.02E-01	NA	3.61E-02	3.01E-04	4.25E-04	1.42E-05	1.12E-03	NA	5.96E-01	NA
427	373131	3755567	Commercial	2.14E-03	NA	5.53E-05	9.21E-05	1.92E-04	3.20E-05	1.18E-05	NA	4.41E-01	NA	3.89E-02	3.24E-04	6.14E-04	2.05E-05	1.52E-03	NA	6.43E-01	NA
428	373054	3755563	Commercial	2.38E-03	NA	6.05E-05	1.01E-04	2.11E-04	3.52E-05	1.28E-05	NA	4.92E-01	NA	4.09E-02	3.41E-04	6.85E-04	2.28E-05	1.68E-03	NA	6.76E-01	NA
429	373046	3755174	Commercial	3.11E-03	NA	7.32E-05	1.22E-04	2.59E-04	4.32E-05	1.47E-05	NA	6.45E-01	NA	4.14E-02	3.45E-04	8.93E-04	2.98E-05	2.10E-03	NA	6.84E-01	NA
430	372725	3755177	Commercial	3.07E-03	NA	7.46E-05	1.24E-04	2.63E-04	4.38E-05	1.53E-05	NA	6.37E-01	NA	4.56E-02	3.80E-04	8.83E-04	2.94E-05	2.11E-03	NA	7.53E-01	NA
431	372624	3755182	Commercial	2.97E-03	NA	7.33E-05	1.22E-04	2.57E-04	4.29E-05	1.52E-05	NA	6.14E-01	NA	4.67E-02	3.89E-04	8.53E-04	2.84E-05	2.06E-03	NA	7.71E-01	NA
432	372238	3755186	Commercial	2.01E-03	NA	5.73E-05	9.55E-05	1.96E-04	3.26E-05	1.30E-05	NA	4.10E-01	NA	4.81E-02	4.01E-04	5.77E-04	1.92E-05	1.51E-03	NA	7.94E-01	NA
433	371843	3755189	Commercial	1.03E-03	NA	3.79E-05	6.32E-05	1.24E-04	2.07E-05	9.60E-06	NA	2.03E-01	NA	4.32E-02	3.60E-04	2.94E-04	9.81E-06	9.09E-04	NA	7.12E-01	NA
434	371463	3755192	Commercial	2.22E-03	NA	6.64E-05	1.11E-04	2.25E-04	3.75E-05	1.54E-05	NA	4.52E-01	NA	5.95E-02	4.96E-04	6.39E-04	2.13E-05	1.72E-03	NA	9.84E-01	NA
435	371049	3755196	Commercial	6.39E-03	NA	1.53E-04	2.55E-04	5.40E-04	9.00E-05	3.11E-05	NA	1.33E+00	NA	8.98E-02	7.48E-04	1.84E-03	6.12E-05	4.35E-03	NA	1.48E+00	NA
436	371056	3755349	Commercial	6.58E-03	NA	1.60E-04	2.67E-04	5.63E-04	9.39E-05	3.29E-05	NA	1.36E+00	NA	9.83E-02	8.19E-04	1.89E-03	6.30E-05	4.52E-03	NA	1.62E+00	NA
437	371043	3755384	Commercial	6.70E-03	NA	1.64E-04	2.73E-04	5.75E-04	9.59E-05	3.38E-05	NA	1.39E+00	NA	1.01E-01	8.45E-04	1.93E-03	6.42E-05	4.61E-03	NA	1.67E+00	NA
438	371042	3755556	Commercial	5.98E-03	NA	1.55E-04	2.58E-04	5.37E-04	8.96E-05	3.31E-05	NA	1.23E+00	NA	1.09E-01	9.08E-04	1.72E-03	5.72E-05	4.25E-03	NA	1.80E+00	NA
439	370996	3755560	Commercial	6.92E-03	NA	1.74E-04	2.91E-04	6.09E-04	1.02E-04	3.67E-05	NA	1.43E+00	NA	1.16E-01	9.67E-04	1.99E-03	6.63E-05	4.85E-03	NA	1.92E+00	NA
440	371001	3755419	Commercial	7.21E-03	NA	1.75E-04	2.92E-04	6.17E-04	1.03E-04	3.60E-05	NA	1.49E+00	NA	1.07E-01	8.93E-04	2.07E-03	6.91E-05	4.95E-03	NA	1.77E+00	NA
441	370801	3755276	Commercial	6.05E-03	NA	1.51E-04	2.52E-04	5.30E-04	8.83E-05	3.18E-05	NA	1.25E+00	NA	9.97E-02	8.31E-04	1.74E-03	5.79E-05	4.22E-03	NA	1.65E+00	NA
1	372249	3757612	Residence	8.12E-03	NA	1.92E-04	3.19E-04	6.78E-04	1.13E-04	3.86E-05	NA	1.69E+00	NA	1.08E-01	9.01E-04	2.34E-03	7.78E-05	5.48E-03	NA	1.79E+00	NA
2	372499	3757612	Residence	7.03E-03	NA	1.66E-04	2.77E-04	5.88E-04	9.81E-05	3.35E-05	NA	1.46E+00	NA	9.46E-02	7.88E-04	2.02E-03	6.74E-05	4.75E-03	NA	1.56E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
3	372249	3757862	Residence	6.20E-03	NA	1.59E-04	2.65E-04	5.53E-04	9.22E-05	3.38E-05	NA	1.28E+00	NA	1.10E-01	9.13E-04	1.78E-03	5.94E-05	4.38E-03	NA	1.81E+00	NA
4	372499	3757862	Residence	6.04E-03	NA	1.45E-04	2.42E-04	5.13E-04	8.55E-05	2.97E-05	NA	1.25E+00	NA	8.69E-02	7.24E-04	1.74E-03	5.79E-05	4.13E-03	NA	1.44E+00	NA
5	372249	3758112	Residence	8.25E-03	NA	1.95E-04	3.25E-04	6.89E-04	1.15E-04	3.92E-05	NA	1.71E+00	NA	1.10E-01	9.20E-04	2.37E-03	7.90E-05	5.57E-03	NA	1.82E+00	NA
6	372499	3758112	Residence	6.17E-03	NA	1.51E-04	2.52E-04	5.32E-04	8.86E-05	3.14E-05	NA	1.28E+00	NA	9.50E-02	7.92E-04	1.77E-03	5.91E-05	4.26E-03	NA	1.57E+00	NA
7	372249	3758362	Residence	6.61E-03	NA	1.60E-04	2.67E-04	5.65E-04	9.42E-05	3.30E-05	NA	1.37E+00	NA	9.81E-02	8.17E-04	1.90E-03	6.33E-05	4.53E-03	NA	1.62E+00	NA
8	372499	3758362	Residence	6.98E-03	NA	1.64E-04	2.74E-04	5.82E-04	9.71E-05	3.31E-05	NA	1.45E+00	NA	9.26E-02	7.71E-04	2.01E-03	6.69E-05	4.71E-03	NA	1.53E+00	NA
9	373793	3755335	Residence	1.51E-03	NA	3.96E-05	6.61E-05	1.37E-04	2.29E-05	8.56E-06	NA	3.10E-01	NA	2.88E-02	2.40E-04	4.33E-04	1.44E-05	1.08E-03	NA	4.76E-01	NA
10	374093	3755335	Residence	1.04E-03	NA	2.94E-05	4.91E-05	1.01E-04	1.68E-05	6.64E-06	NA	2.12E-01	NA	2.44E-02	2.04E-04	2.98E-04	9.95E-06	7.79E-04	NA	4.04E-01	NA
11	373793	3755710	Residence	5.87E-04	NA	2.07E-05	3.45E-05	6.83E-05	1.14E-05	5.15E-06	NA	1.17E-01	NA	2.26E-02	1.88E-04	1.68E-04	5.61E-06	5.04E-04	NA	3.72E-01	NA
12	374093	3755710	Residence	4.74E-04	NA	1.68E-05	2.79E-05	5.53E-05	9.21E-06	4.18E-06	NA	9.44E-02	NA	1.83E-02	1.53E-04	1.36E-04	4.53E-06	4.08E-04	NA	3.03E-01	NA
13	373793	3756085	Residence	4.30E-04	NA	1.61E-05	2.69E-05	5.28E-05	8.79E-06	4.11E-06	NA	8.50E-02	NA	1.86E-02	1.55E-04	1.23E-04	4.11E-06	3.85E-04	NA	3.07E-01	NA
14	374093	3756085	Residence	3.68E-04	NA	1.44E-05	2.40E-05	4.68E-05	7.80E-06	3.72E-06	NA	7.23E-02	NA	1.72E-02	1.43E-04	1.05E-04	3.51E-06	3.38E-04	NA	2.84E-01	NA
15	373793	3756460	Residence	1.16E-03	NA	3.85E-05	6.42E-05	1.28E-04	2.14E-05	9.35E-06	NA	2.34E-01	NA	3.94E-02	3.28E-04	3.34E-04	1.11E-05	9.60E-04	NA	6.50E-01	NA
16	374093	3756460	Residence	1.13E-03	NA	3.60E-05	5.99E-05	1.21E-04	2.01E-05	8.58E-06	NA	2.28E-01	NA	3.51E-02	2.93E-04	3.24E-04	1.08E-05	9.09E-04	NA	5.79E-01	NA
17	373793	3756835	Residence	2.80E-03	NA	7.75E-05	1.29E-04	2.66E-04	4.43E-05	1.72E-05	NA	5.73E-01	NA	6.19E-02	5.16E-04	8.04E-04	2.68E-05	2.07E-03	NA	1.02E+00	NA
18	374093	3756835	Residence	2.28E-03	NA	6.46E-05	1.08E-04	2.21E-04	3.68E-05	1.46E-05	NA	4.65E-01	NA	5.37E-02	4.48E-04	6.54E-04	2.18E-05	1.71E-03	NA	8.87E-01	NA
19	373793	3757210	Residence	5.46E-03	NA	1.28E-04	2.14E-04	4.54E-04	7.57E-05	2.58E-05	NA	1.13E+00	NA	7.17E-02	5.97E-04	1.57E-03	5.23E-05	3.68E-03	NA	1.18E+00	NA
20	374093	3757210	Residence	4.78E-03	NA	1.13E-04	1.88E-04	3.99E-04	6.66E-05	2.27E-05	NA	9.92E-01	NA	6.40E-02	5.33E-04	1.37E-03	4.58E-05	3.23E-03	NA	1.06E+00	NA
21	373793	3757585	Residence	3.50E-03	NA	9.00E-05	1.50E-04	3.13E-04	5.22E-05	1.92E-05	NA	7.21E-01	NA	6.28E-02	5.23E-04	1.00E-03	3.35E-05	2.48E-03	NA	1.04E+00	NA
22	374093	3757585	Residence	3.67E-03	NA	9.13E-05	1.52E-04	3.20E-04	5.33E-05	1.90E-05	NA	7.59E-01	NA	5.89E-02	4.91E-04	1.06E-03	3.52E-05	2.55E-03	NA	9.74E-01	NA
23	373793	3757960	Residence	3.13E-03	NA	7.76E-05	1.29E-04	2.72E-04	4.54E-05	1.62E-05	NA	6.48E-01	NA	4.98E-02	4.15E-04	9.00E-04	3.00E-05	2.17E-03	NA	8.23E-01	NA
24	374093	3757960	Residence	2.31E-03	NA	6.02E-05	1.00E-04	2.09E-04	3.48E-05	1.29E-05	NA	4.76E-01	NA	4.30E-02	3.58E-04	6.64E-04	2.21E-05	1.65E-03	NA	7.10E-01	NA
25	373793	3758335	Residence	3.81E-03	NA	8.94E-05	1.49E-04	3.17E-04	5.28E-05	1.80E-05	NA	7.91E-01	NA	5.00E-02	4.16E-04	1.09E-03	3.65E-05	2.56E-03	NA	8.26E-01	NA
26	374093	3758335	Residence	3.43E-03	NA	8.08E-05	1.35E-04	2.86E-04	4.77E-05	1.63E-05	NA	7.12E-01	NA	4.55E-02	3.79E-04	9.85E-04	3.28E-05	2.31E-03	NA	7.52E-01	NA
27	373793	3758710	Residence	2.54E-03	NA	6.60E-05	1.10E-04	2.29E-04	3.82E-05	1.42E-05	NA	5.24E-01	NA	4.68E-02	3.90E-04	7.31E-04	2.44E-05	1.81E-03	NA	7.73E-01	NA
28	374093	3758710	Residence	2.87E-03	NA	6.95E-05	1.16E-04	2.45E-04	4.08E-05	1.42E-05	NA	5.96E-01	NA	4.19E-02	3.49E-04	8.26E-04	2.75E-05	1.97E-03	NA	6.92E-01	NA
30	367278	3755614	Residence	7.05E-03	NA	1.75E-04	2.92E-04	6.14E-04	1.02E-04	3.66E-05	NA	1.46E+00	NA	1.13E-01	9.45E-04	2.03E-03	6.75E-05	4.90E-03	NA	1.87E+00	NA
31	367231	3755722	Residence	8.70E-03	NA	2.06E-04	3.44E-04	7.30E-04	1.22E-04	4.17E-05	NA	1.81E+00	NA	1.19E-01	9.88E-04	2.50E-03	8.33E-05	5.89E-03	NA	1.96E+00	NA
32	367185	3755830	Residence	9.14E-03	NA	2.15E-04	3.58E-04	7.61E-04	1.27E-04	4.31E-05	NA	1.90E+00	NA	1.20E-01	1.00E-03	2.63E-03	8.76E-05	6.16E-03	NA	1.98E+00	NA
33	367138	3755938	Residence	8.91E-03	NA	2.14E-04	3.57E-04	7.56E-04	1.26E-04	4.37E-05	NA	1.85E+00	NA	1.27E-01	1.06E-03	2.56E-03	8.54E-05	6.08E-03	NA	2.10E+00	NA
34	367091	3756047	Residence	9.92E-03	NA	2.33E-04	3.88E-04	8.25E-04	1.37E-04	4.67E-05	NA	2.06E+00	NA	1.29E-01	1.08E-03	2.85E-03	9.50E-05	6.68E-03	NA	2.14E+00	NA
35	367048	3756147	Residence	9.46E-03	NA	2.24E-04	3.73E-04	7.91E-04	1.32E-04	4.51E-05	NA	1.97E+00	NA	1.27E-01	1.06E-03	2.72E-03	9.06E-05	6.39E-03	NA	2.10E+00	NA
36	367005	3756247	Residence	7.87E-03	NA	1.93E-04	3.21E-04	6.77E-04	1.13E-04	3.98E-05	NA	1.63E+00	NA	1.20E-01	1.00E-03	2.26E-03	7.54E-05	5.43E-03	NA	1.98E+00	NA
37	366962	3756348	Residence	9.03E-03	NA	2.14E-04	3.57E-04	7.57E-04	1.26E-04	4.33E-05	NA	1.87E+00	NA	1.23E-01	1.03E-03	2.59E-03	8.65E-05	6.11E-03	NA	2.03E+00	NA
38	366918	3756450	Residence	9.43E-03	NA	2.21E-04	3.68E-04	7.83E-04	1.31E-04	4.43E-05	NA	1.96E+00	NA	1.23E-01	1.02E-03	2.71E-03	9.03E-05	6.34E-03	NA	2.03E+00	NA
39	366874	3756551	Residence	8.69E-03	NA	2.06E-04	3.44E-04	7.30E-04	1.22E-04	4.18E-05	NA	1.80E+00	NA	1.19E-01	9.91E-04	2.50E-03	8.33E-05	5.89E-03	NA	1.97E+00	NA
40	366830	3756653	Residence	7.96E-03	NA	1.91E-04	3.18E-04	6.73E-04	1.12E-04	3.88E-05	NA	1.65E+00	NA	1.12E-01	9.36E-04	2.29E-03	7.62E-05	5.42E-03	NA	1.86E+00	NA
41	366840	3756685	Residence	8.35E-03	NA	1.98E-04	3.31E-04	7.02E-04	1.17E-04	4.02E-05	NA	1.73E+00	NA	1.14E-01	9.52E-04	2.40E-03	8.00E-05	5.66E-03	NA	1.89E+00	NA
42	366890	3756714	Residence	8.79E-03	NA	2.07E-04	3.46E-04	7.34E-04	1.22E-04	4.18E-05	NA	1.83E+00	NA	1.17E-01	9.78E-04	2.53E-03	8.42E-05	5.93E-03	NA	1.94E+00	NA
43	366879	3756683	Residence	8.48E-03	NA	2.02E-04	3.36E-04	7.12E-04	1.19E-04	4.08E-05	NA	1.76E+00	NA	1.16E-01	9.68E-04	2.44E-03	8.13E-05	5.75E-03	NA	1.92E+00	NA
44	366852	3756751	Residence	8.86E-03	NA	2.08E-04	3.47E-04	7.37E-04	1.23E-04	4.18E-05	NA	1.84E+00	NA	1.16E-01	9.67E-04	2.55E-03	8.49E-05	5.97E-03	NA	1.92E+00	NA
45	366884	3756737	Residence	8.91E-03	NA	2.10E-04	3.49E-04	7.43E-04	1.24E-04	4.21E-05	NA	1.85E+00	NA	1.17E-01	9.79E-04	2.56E-03	8.54E-05	6.01E-03	NA	1.94E+00	NA
46	366821	3756715	Residence	8.54E-03	NA	2.01E-04	3.36E-04	7.13E-04	1.19E-04	4.06E-05	NA	1.77E+00	NA	1.14E-01	9.51E-04	2.45E-03	8.18E-05	5.76E-03	NA	1.89E+00	NA
47	366790	3756728	Residence	8.51E-03	NA	2.01E-04	3.34E-04	7.10E-04	1.18E-04	4.03E-05	NA	1.77E+00	NA	1.13E-01	9.41E-04	2.45E-03	8.15E-05	5.74E-03	NA	1.87E+00	NA
48	366745	3756823	Residence	8.52E-03	NA	2.00E-04	3.33E-04	7.09E-04	1.18E-04	4.01E-05	NA	1.77E+00	NA	1.11E-01	9.26E-04	2.45E-03	8.17E-05	5.74E-03	NA	1.84E+00	NA
49	366700	3756919	Residence	7.80E-03	NA	1.86E-04	3.09E-04	6.56E-04	1.09E-04	3.76E-05	NA	1.62E+00	NA	1.07E-01	8.93E-04	2.24E-03	7.47E-05	5.29E-03	NA	1.77E+00	NA
50	366655	3757014	Residence	6.56E-03	NA	1.61E-04	2.69E-04	5.66E-04	9.43E-05	3.34E-05	NA	1.36E+00	NA	1.01E-01	8.44E-04	1.88E-03	6.28E-05	4.53E-03	NA	1.67E+00	NA
51	366608	3757113	Residence	5.04E-03	NA	1.31E-04	2.18E-04	4.55E-04	7.58E-05	2.81E-05	NA	1.04E+00	NA	9.32E-02	7.76E-04	1.45E-03	4.83E-05	3.59E-03	NA	1.54E+00	NA
52	366561	3757212	Residence	3.58E-03	NA	1.02E-04	1.69E-04	3.47E-04	5.79E-05	2.29E-05	NA	7.32E-01	NA	8.43E-02	7.03E-04	1.03E-03	3.43E-05	2.69E-03	NA	1.39E+00	NA
53	366514	3757311	Residence	3.62E-03	NA	9.76E-05	1.63E-04	3.37E-04	5.61E-05	2.14E-05	NA	7.42E-01	NA	7.48E-02	6.23E-04	1.04E-03	3.46E-05	2.64E-03	NA	1.23E+00	NA
54	366464	3757416	Residence	4.39E-03	NA	1.09E-04	1.82E-04	3.82E-04	6.37E-05	2.27E-05	NA	9.08E-01	NA	7.04E-02	5.86E-04	1.26E-03	4.20E-05	3.05E-03	NA	1.16E+00	NA
55	366415	3757520	Residence	4.99E-03	NA	1.20E-04	2.00E-04	4.23E-04	7.04E-05	2.44E-05	NA	1.03E+00	NA	7.12E-02	5.93E-04	1.43E-03	4.78E-05	3.40E-03	NA	1.18E+00	NA
56	366434	3757556	Residence	5.25E-03	NA	1.25E-04	2.08E-04	4.41E-04	7.35E-05	2.53E-05	NA	1.09E+00	NA	7.22E-02	6.02E-04	1.51E-03	5.03E-05	3.56E-03	NA	1.19E+00	NA
57	366484	3757562	Residence	5.43E-03	NA	1.29E-04	2.15E-04	4.55E-04	7.59E-05	2.60E-05	NA	1.13E+00	NA	7.37E-02	6.14E-04	1.56E-03	5.20E-05	3.68E-03	NA	1.22E+00	NA
58	366567	3757525	Residence	5.53E-03	NA	1.32E-04	2.19E-04	4.65E-04	7.75E-05	2.66E-05	NA	1.15E+00	NA	7.59E-02	6.33E-04	1.59E-03	5.30E-05	3.75E-03	NA	1.25E+00	NA
59	366621	3757539	Residence	5.77E-03	NA	1.37E-04	2.28E-04	4.83E-04	8.06E-05	2.76E-05	NA	1.20E+00	NA	7.78E-02	6.48E-04	1.66E-03	5.53E-05	3.90E-03	NA	1.28E+00	NA
60	366646	3757556	Residence	5.92E-03	NA	1.40E-04	2.33E-04	4.94E-04	8.23E-05	2.81E-05	NA	1.23E+00	NA	7.87E-02	6.56E-04	1.70E-03	5.67E-05	3.99E-03	NA	1.30E+00	NA
61	366713	3757550	Residence	6.11E-03	NA	1.44E-04	2.40E-04	5.09E-04	8.49E-05	2.89E-05	NA	1.27E+00	NA	8.08E-02	6.74E-04	1.76E-03	5.85E-05	4.12E-03	NA	1.34E+00	NA
62	366779	3757545	Residence	6.30E-03	NA	1.48E-04	2.47E-04	5.25E-04	8.75E-05	2.98E-05	NA	1.31E+00	NA	8.30E-02	6.92E-04	1.81E-03	6.03E-05	4.24E-03	NA	1.37E+00	NA
63	366839	3757583	Residence	6.48E-03	NA	1.52E-04	2.53E-04	5.39E-04	8.98E-05	3.05E-05	NA	1.35E+00	NA	8.47E-02	7.06E-04	1.86E-03	6.21E-05	4.36E-03	NA	1.40E+00	NA
64	366913	3757623	Residence	6.51E-03	NA	1.53E-04	2.56E-04	5.43E-04	9.05E-05	3.09E-05	NA	1.35E+00	NA	8.64E-02	7.20E-04	1.87E-03	6.24E-05	4.39E-03	NA	1.43E+00	NA
65	366986	3757664	Residence	6.32E-03	NA	1.50E-04	2.51E-04	5.32E-04	8.86E-05	3.05E-05	NA	1.31E+00	NA	8.73E-02	7.27E-04	1.82E-03	6.05E-05	4.29E-03	NA	1.44E+00	NA
66	367074	3757713	Residence	5.81E-03	NA	1.42E-04	2.36E-04	4.98E-04	8.30E-05	2.92E-05	NA	1.20E+00	NA	8.73E-02	7.28E-04	1.67E-03	5.57E-05	4.00E-03	NA	1.44E+00	NA
67	367162	3757761	Residence	5.06E-03	NA	1.28E-04	2.13E-04	4.47E-04	7.45E-05	2.71E-05	NA	1.04E+00	NA	8.63E-02	7.19E-04	1.45E-03	4.84E-05	3.55E-03	NA	1.43E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
68	367300	3757718	Residence	5.32E-03	NA	1.35E-04	2.25E-04	4.71E-04	7.85E-05	2.86E-05	NA	1.10E+00	NA	9.16E-02	7.63E-04	1.53E-03	5.09E-05	3.74E-03	NA	1.51E+00	NA
69	367385	3757734	Residence	4.82E-03	NA	1.26E-04	2.10E-04	4.38E-04	7.30E-05	2.73E-05	NA	9.91E-01	NA	9.15E-02	7.63E-04	1.38E-03	4.61E-05	3.45E-03	NA	1.51E+00	NA
70	367398	3757758	Residence	4.41E-03	NA	1.18E-04	1.97E-04	4.09E-04	6.81E-05	2.59E-05	NA	9.05E-01	NA	8.97E-02	7.48E-04	1.27E-03	4.22E-05	3.20E-03	NA	1.48E+00	NA
71	367506	3757818	Residence	3.10E-03	NA	9.31E-05	1.55E-04	3.15E-04	5.25E-05	2.16E-05	NA	6.29E-01	NA	8.43E-02	7.03E-04	8.89E-04	2.96E-05	2.41E-03	NA	1.39E+00	NA
72	367533	3757826	Residence	2.88E-03	NA	8.89E-05	1.48E-04	3.00E-04	4.99E-05	2.09E-05	NA	5.83E-01	NA	8.35E-02	6.96E-04	8.26E-04	2.75E-05	2.27E-03	NA	1.38E+00	NA
73	367561	3757814	Residence	2.93E-03	NA	9.04E-05	1.51E-04	3.05E-04	5.08E-05	2.13E-05	NA	5.93E-01	NA	8.48E-02	7.07E-04	8.41E-04	2.80E-05	2.31E-03	NA	1.40E+00	NA
78	367786	3757842	Residence	3.31E-03	NA	9.44E-05	1.57E-04	3.23E-04	5.38E-05	2.14E-05	NA	6.75E-01	NA	7.95E-02	6.62E-04	9.50E-04	3.17E-05	2.49E-03	NA	1.31E+00	NA
79	367782	3757935	Residence	3.43E-03	NA	9.09E-05	1.52E-04	3.15E-04	5.25E-05	1.97E-05	NA	7.06E-01	NA	6.72E-02	5.60E-04	9.86E-04	3.29E-05	2.47E-03	NA	1.11E+00	NA
80	367752	3757969	Residence	3.38E-03	NA	8.83E-05	1.47E-04	3.06E-04	5.11E-05	1.90E-05	NA	6.96E-01	NA	6.35E-02	5.29E-04	9.71E-04	3.24E-05	2.42E-03	NA	1.05E+00	NA
81	367775	3758021	Residence	3.39E-03	NA	8.51E-05	1.42E-04	2.98E-04	4.96E-05	1.79E-05	NA	7.00E-01	NA	5.64E-02	4.70E-04	9.73E-04	3.24E-05	2.37E-03	NA	9.30E-01	NA
82	367808	3758034	Residence	3.40E-03	NA	8.42E-05	1.40E-04	2.95E-04	4.92E-05	1.75E-05	NA	7.03E-01	NA	5.40E-02	4.50E-04	9.77E-04	3.26E-05	2.36E-03	NA	8.92E-01	NA
83	367866	3758009	Residence	3.50E-03	NA	8.65E-05	1.44E-04	3.03E-04	5.06E-05	1.80E-05	NA	7.23E-01	NA	5.53E-02	4.61E-04	1.00E-03	3.35E-05	2.42E-03	NA	9.12E-01	NA
84	367924	3757985	Residence	3.60E-03	NA	8.88E-05	1.48E-04	3.12E-04	5.19E-05	1.85E-05	NA	7.44E-01	NA	5.66E-02	4.72E-04	1.03E-03	3.44E-05	2.49E-03	NA	9.34E-01	NA
85	367938	3757954	Residence	3.68E-03	NA	9.19E-05	1.53E-04	3.22E-04	5.36E-05	1.92E-05	NA	7.60E-01	NA	6.02E-02	5.02E-04	1.06E-03	3.52E-05	2.56E-03	NA	9.93E-01	NA
86	367928	3757923	Residence	3.72E-03	NA	9.48E-05	1.58E-04	3.30E-04	5.51E-05	2.01E-05	NA	7.67E-01	NA	6.49E-02	5.41E-04	1.07E-03	3.56E-05	2.62E-03	NA	1.07E+00	NA
87	367915	3757953	Residence	3.65E-03	NA	9.18E-05	1.53E-04	3.21E-04	5.35E-05	1.93E-05	NA	7.55E-01	NA	6.10E-02	5.08E-04	1.05E-03	3.50E-05	2.56E-03	NA	1.01E+00	NA
88	368017	3757908	Residence	3.86E-03	NA	9.68E-05	1.61E-04	3.39E-04	5.64E-05	2.03E-05	NA	7.97E-01	NA	6.40E-02	5.34E-04	1.11E-03	3.69E-05	2.70E-03	NA	1.06E+00	NA
89	368119	3757863	Residence	4.08E-03	NA	1.02E-04	1.70E-04	3.58E-04	5.96E-05	2.14E-05	NA	8.42E-01	NA	6.74E-02	5.62E-04	1.17E-03	3.90E-05	2.85E-03	NA	1.11E+00	NA
90	368180	3757839	Residence	4.21E-03	NA	1.05E-04	1.76E-04	3.69E-04	6.15E-05	2.21E-05	NA	8.70E-01	NA	6.96E-02	5.80E-04	1.21E-03	4.03E-05	2.94E-03	NA	1.15E+00	NA
91	368242	3757814	Residence	4.35E-03	NA	1.10E-04	1.84E-04	3.85E-04	6.42E-05	2.33E-05	NA	8.98E-01	NA	7.46E-02	6.22E-04	1.25E-03	4.16E-05	3.06E-03	NA	1.23E+00	NA
92	368318	3757785	Residence	4.52E-03	NA	1.17E-04	1.94E-04	4.06E-04	6.76E-05	2.49E-05	NA	9.31E-01	NA	8.19E-02	6.82E-04	1.30E-03	4.32E-05	3.21E-03	NA	1.35E+00	NA
93	368407	3757788	Residence	4.49E-03	NA	1.22E-04	2.04E-04	4.21E-04	7.02E-05	2.70E-05	NA	9.21E-01	NA	9.51E-02	7.93E-04	1.29E-03	4.30E-05	3.29E-03	NA	1.57E+00	NA
94	368505	3757789	Residence	4.33E-03	NA	1.27E-04	2.11E-04	4.31E-04	7.19E-05	2.91E-05	NA	8.82E-01	NA	1.11E-01	9.24E-04	1.24E-03	4.15E-05	3.31E-03	NA	1.83E+00	NA
95	368603	3757790	Residence	5.08E-03	NA	1.48E-04	2.46E-04	5.03E-04	8.39E-05	3.38E-05	NA	1.03E+00	NA	1.28E-01	1.07E-03	1.46E-03	4.86E-05	3.87E-03	NA	2.11E+00	NA
96	368628	3757765	Residence	5.13E-03	NA	1.50E-04	2.50E-04	5.10E-04	8.50E-05	3.44E-05	NA	1.04E+00	NA	1.31E-01	1.09E-03	1.47E-03	4.91E-05	3.92E-03	NA	2.16E+00	NA
97	368676	3757781	Residence	6.45E-03	NA	1.78E-04	2.96E-04	6.10E-04	1.02E-04	3.94E-05	NA	1.32E+00	NA	1.41E-01	1.17E-03	1.85E-03	6.17E-05	4.75E-03	NA	2.33E+00	NA
98	368759	3757821	Residence	9.20E-03	NA	2.33E-04	3.89E-04	8.15E-04	1.36E-04	4.93E-05	NA	1.90E+00	NA	1.58E-01	1.32E-03	2.64E-03	8.81E-05	6.47E-03	NA	2.61E+00	NA
99	368839	3757872	Residence	1.17E-02	NA	2.82E-04	4.71E-04	9.95E-04	1.66E-04	5.78E-05	NA	2.42E+00	NA	1.71E-01	1.42E-03	3.35E-03	1.12E-04	7.99E-03	NA	2.82E+00	NA
100	368921	3757924	Residence	1.29E-02	NA	3.06E-04	5.10E-04	1.08E-03	1.80E-04	6.20E-05	NA	2.67E+00	NA	1.77E-01	1.48E-03	3.70E-03	1.23E-04	8.73E-03	NA	2.93E+00	NA
101	369004	3757976	Residence	1.21E-02	NA	2.93E-04	4.89E-04	1.03E-03	1.72E-04	6.00E-05	NA	2.52E+00	NA	1.76E-01	1.47E-03	3.49E-03	1.16E-04	8.31E-03	NA	2.91E+00	NA
102	369038	3757969	Residence	1.20E-02	NA	2.91E-04	4.85E-04	1.02E-03	1.71E-04	5.98E-05	NA	2.48E+00	NA	1.78E-01	1.49E-03	3.44E-03	1.15E-04	8.21E-03	NA	2.95E+00	NA
103	369101	3757878	Residence	1.33E-02	NA	3.22E-04	5.36E-04	1.13E-03	1.89E-04	6.60E-05	NA	2.75E+00	NA	1.96E-01	1.63E-03	3.82E-03	1.27E-04	9.10E-03	NA	3.23E+00	NA
104	369067	3757885	Residence	1.34E-02	NA	3.23E-04	5.38E-04	1.14E-03	1.90E-04	6.60E-05	NA	2.78E+00	NA	1.93E-01	1.61E-03	3.86E-03	1.29E-04	9.16E-03	NA	3.19E+00	NA
105	369139	3757930	Residence	1.14E-02	NA	2.85E-04	4.74E-04	9.96E-04	1.66E-04	5.96E-05	NA	2.35E+00	NA	1.86E-01	1.55E-03	3.27E-03	1.09E-04	7.94E-03	NA	3.07E+00	NA
106	369211	3757974	Residence	8.50E-03	NA	2.28E-04	3.80E-04	7.87E-04	1.31E-04	4.99E-05	NA	1.74E+00	NA	1.72E-01	1.44E-03	2.44E-03	8.13E-05	6.17E-03	NA	2.85E+00	NA
107	369243	3757968	Residence	7.83E-03	NA	2.16E-04	3.60E-04	7.41E-04	1.24E-04	4.79E-05	NA	1.60E+00	NA	1.71E-01	1.42E-03	2.25E-03	7.50E-05	5.78E-03	NA	2.83E+00	NA
108	369305	3757894	Residence	8.37E-03	NA	2.31E-04	3.86E-04	7.95E-04	1.32E-04	5.15E-05	NA	1.72E+00	NA	1.84E-01	1.54E-03	2.40E-03	8.02E-05	6.19E-03	NA	3.05E+00	NA
109	369366	3757820	Residence	8.99E-03	NA	2.49E-04	4.15E-04	8.56E-04	1.43E-04	5.56E-05	NA	1.84E+00	NA	2.00E-01	1.67E-03	2.58E-03	8.60E-05	6.65E-03	NA	3.30E+00	NA
110	369436	3757794	Residence	7.61E-03	NA	2.25E-04	3.74E-04	7.62E-04	1.27E-04	5.17E-05	NA	1.55E+00	NA	1.98E-01	1.65E-03	2.18E-03	7.28E-05	5.85E-03	NA	3.28E+00	NA
111	369435	3757760	Residence	8.88E-03	NA	2.53E-04	4.21E-04	8.63E-04	1.44E-04	5.71E-05	NA	1.81E+00	NA	2.11E-01	1.76E-03	2.55E-03	8.49E-05	6.67E-03	NA	3.49E+00	NA
112	369251	3758017	Residence	6.36E-03	NA	1.84E-04	3.07E-04	6.27E-04	1.05E-04	4.20E-05	NA	1.30E+00	NA	1.58E-01	1.32E-03	1.83E-03	6.09E-05	4.83E-03	NA	2.61E+00	NA
113	369344	3758083	Residence	3.06E-03	NA	1.13E-04	1.88E-04	3.71E-04	6.18E-05	2.87E-05	NA	6.06E-01	NA	1.29E-01	1.07E-03	8.77E-04	2.92E-05	2.71E-03	NA	2.13E+00	NA
114	369437	3758148	Residence	3.27E-03	NA	1.04E-04	1.74E-04	3.50E-04	5.84E-05	2.50E-05	NA	6.59E-01	NA	1.03E-01	8.57E-04	9.37E-04	3.12E-05	2.64E-03	NA	1.69E+00	NA
115	369429	3758218	Residence	3.24E-03	NA	1.04E-04	1.73E-04	3.48E-04	5.79E-05	2.48E-05	NA	6.54E-01	NA	1.02E-01	8.49E-04	9.31E-04	3.10E-05	2.62E-03	NA	1.68E+00	NA
116	369432	3758306	Residence	3.26E-03	NA	1.05E-04	1.74E-04	3.51E-04	5.85E-05	2.51E-05	NA	6.58E-01	NA	1.03E-01	8.62E-04	9.36E-04	3.12E-05	2.64E-03	NA	1.70E+00	NA
117	369435	3758395	Residence	3.24E-03	NA	1.05E-04	1.74E-04	3.50E-04	5.83E-05	2.51E-05	NA	6.52E-01	NA	1.04E-01	8.68E-04	9.29E-04	3.10E-05	2.63E-03	NA	1.72E+00	NA
118	369460	3758419	Residence	3.31E-03	NA	1.08E-04	1.81E-04	3.62E-04	6.03E-05	2.62E-05	NA	6.66E-01	NA	1.09E-01	9.12E-04	9.49E-04	3.16E-05	2.71E-03	NA	1.80E+00	NA
119	369558	3758419	Residence	5.32E-03	NA	1.53E-04	2.55E-04	5.21E-04	8.69E-05	3.47E-05	NA	1.09E+00	NA	1.30E-01	1.08E-03	1.53E-03	5.09E-05	4.02E-03	NA	2.14E+00	NA
120	369657	3758419	Residence	7.97E-03	NA	2.08E-04	3.46E-04	7.21E-04	1.20E-04	4.46E-05	NA	1.64E+00	NA	1.48E-01	1.24E-03	2.29E-03	7.63E-05	5.69E-03	NA	2.45E+00	NA
121	369755	3758419	Residence	1.04E-02	NA	2.57E-04	4.29E-04	9.03E-04	1.50E-04	5.33E-05	NA	2.16E+00	NA	1.62E-01	1.35E-03	3.00E-03	1.00E-04	7.22E-03	NA	2.68E+00	NA
122	369853	3758419	Residence	1.19E-02	NA	2.86E-04	4.77E-04	1.01E-03	1.68E-04	5.84E-05	NA	2.47E+00	NA	1.70E-01	1.42E-03	3.42E-03	1.14E-04	8.12E-03	NA	2.81E+00	NA
123	369878	3758394	Residence	1.22E-02	NA	2.93E-04	4.89E-04	1.04E-03	1.73E-04	5.99E-05	NA	2.53E+00	NA	1.74E-01	1.45E-03	3.51E-03	1.17E-04	8.33E-03	NA	2.88E+00	NA
124	369877	3758289	Residence	1.30E-02	NA	3.14E-04	5.23E-04	1.11E-03	1.85E-04	6.42E-05	NA	2.70E+00	NA	1.88E-01	1.57E-03	3.74E-03	1.25E-04	8.90E-03	NA	3.11E+00	NA
125	369876	3758183	Residence	1.38E-02	NA	3.35E-04	5.59E-04	1.18E-03	1.97E-04	6.88E-05	NA	2.87E+00	NA	2.04E-01	1.70E-03	3.98E-03	1.33E-04	9.48E-03	NA	3.37E+00	NA
126	369962	3758103	Residence	1.52E-02	NA	3.67E-04	6.11E-04	1.29E-03	2.15E-04	7.51E-05	NA	3.14E+00	NA	2.22E-01	1.85E-03	4.35E-03	1.45E-04	1.04E-02	NA	3.66E+00	NA
127	370075	3758103	Residence	1.30E-02	NA	3.26E-04	5.43E-04	1.14E-03	1.90E-04	6.82E-05	NA	2.69E+00	NA	2.13E-01	1.78E-03	3.74E-03	1.25E-04	9.09E-03	NA	3.52E+00	NA
128	370187	3758103	Residence	8.60E-03	NA	2.37E-04	3.96E-04	8.16E-04	1.36E-04	5.28E-05	NA	1.76E+00	NA	1.89E-01	1.58E-03	2.47E-03	8.23E-05	6.35E-03	NA	3.13E+00	NA
129	370299	3758103	Residence	5.12E-03	NA	1.61E-04	2.68E-04	5.41E-04	9.01E-05	3.82E-05	NA	1.04E+00	NA	1.54E-01	1.29E-03	1.47E-03	4.90E-05	4.09E-03	NA	2.55E+00	NA
136	370506	3758113	Residence	4.56E-03	NA	1.19E-04	1.99E-04	4.14E-04	6.90E-05	2.57E-05	NA	9.38E-01	NA	8.62E-02	7.19E-04	1.31E-03	4.36E-05	3.26E-03	NA	1.42E+00	NA
137	370601	3758113	Residence	5.76E-03	NA	1.42E-04	2.37E-04	5.00E-04	8.33E-05	2.96E-05	NA	1.19E+00	NA	9.08E-02	7.57E-04	1.66E-03	5.52E-05	3.99E-03	NA	1.50E+00	NA
138	370696	3758114	Residence	6.43E-03	NA	1.55E-04	2.58E-04	5.45E-04	9.08E-05	3.15E-05	NA	1.33E+00	NA	9.19E-02	7.66E-04	1.85E-03	6.16E-05	4.38E-03	NA	1.52E+00	NA
139	370791	3758114	Residence	6.35E-03	NA	1.52E-04	2.53E-04	5.37E-04	8.95E-05	3.10E-05	NA	1.32E+00	NA	8.98E-02	7.48E-04	1.82E-03	6.08E-05	4.32E-03	NA	1.48E+00	NA
140	370886	3758114	Residence	5.57E-03	NA	1.36E-04	2.27E-04	4.79E-04	7.98E-05	2.81E-05	NA	1.15E+00	NA	8.47E-02	7.06E-04	1.60E-03	5.33E-05	3.83E-03	NA	1.40E+00	NA
154	371170	3757732	Residence	1.30E-02	NA	3.24E-04	5.40E-04	1.13E-03	1.89E-04	6.76E-05	NA	2.69E+00	NA	2.09E-01	1.75E-03	3.74E-03	1.25E-04	9.05E-03	NA	3.46E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
155	371240	3757783	Residence	1.27E-02	NA	3.13E-04	5.21E-04	1.10E-03	1.83E-04	6.48E-05	NA	2.63E+00	NA	1.97E-01	1.64E-03	3.66E-03	1.22E-04	8.79E-03	NA	3.25E+00	NA
156	371264	3757808	Residence	1.24E-02	NA	3.04E-04	5.07E-04	1.07E-03	1.78E-04	6.30E-05	NA	2.56E+00	NA	1.91E-01	1.59E-03	3.56E-03	1.19E-04	8.55E-03	NA	3.16E+00	NA
157	371372	3757807	Residence	1.35E-02	NA	3.21E-04	5.35E-04	1.13E-03	1.89E-04	6.51E-05	NA	2.79E+00	NA	1.87E-01	1.56E-03	3.87E-03	1.29E-04	9.14E-03	NA	3.09E+00	NA
158	371385	3757827	Residence	1.32E-02	NA	3.14E-04	5.23E-04	1.11E-03	1.85E-04	6.37E-05	NA	2.73E+00	NA	1.83E-01	1.53E-03	3.78E-03	1.26E-04	8.94E-03	NA	3.02E+00	NA
159	371485	3757895	Residence	1.23E-02	NA	2.91E-04	4.85E-04	1.03E-03	1.72E-04	5.89E-05	NA	2.55E+00	NA	1.68E-01	1.40E-03	3.53E-03	1.18E-04	8.31E-03	NA	2.77E+00	NA
160	371585	3757964	Residence	1.14E-02	NA	2.70E-04	4.49E-04	9.54E-04	1.59E-04	5.44E-05	NA	2.36E+00	NA	1.54E-01	1.28E-03	3.27E-03	1.09E-04	7.70E-03	NA	2.55E+00	NA
161	371684	3758032	Residence	1.05E-02	NA	2.49E-04	4.15E-04	8.82E-04	1.47E-04	5.03E-05	NA	2.19E+00	NA	1.42E-01	1.18E-03	3.03E-03	1.01E-04	7.12E-03	NA	2.35E+00	NA
162	371784	3758101	Residence	9.72E-03	NA	2.30E-04	3.83E-04	8.14E-04	1.36E-04	4.64E-05	NA	2.02E+00	NA	1.31E-01	1.09E-03	2.79E-03	9.31E-05	6.57E-03	NA	2.17E+00	NA
163	371818	3758095	Residence	9.43E-03	NA	2.24E-04	3.73E-04	7.92E-04	1.32E-04	4.54E-05	NA	1.96E+00	NA	1.29E-01	1.08E-03	2.71E-03	9.04E-05	6.39E-03	NA	2.14E+00	NA
164	371873	3758022	Residence	9.13E-03	NA	2.20E-04	3.67E-04	7.76E-04	1.29E-04	4.50E-05	NA	1.89E+00	NA	1.32E-01	1.10E-03	2.62E-03	8.75E-05	6.24E-03	NA	2.18E+00	NA
165	371928	3757949	Residence	1.01E-02	NA	2.39E-04	3.98E-04	8.46E-04	1.41E-04	4.82E-05	NA	2.10E+00	NA	1.36E-01	1.13E-03	2.91E-03	9.69E-05	6.83E-03	NA	2.24E+00	NA
166	371969	3757946	Residence	9.98E-03	NA	2.35E-04	3.92E-04	8.34E-04	1.39E-04	4.74E-05	NA	2.07E+00	NA	1.33E-01	1.11E-03	2.87E-03	9.56E-05	6.74E-03	NA	2.20E+00	NA
167	371989	3757924	Residence	9.90E-03	NA	2.34E-04	3.90E-04	8.28E-04	1.38E-04	4.72E-05	NA	2.06E+00	NA	1.33E-01	1.11E-03	2.84E-03	9.48E-05	6.69E-03	NA	2.20E+00	NA
295	370737	3755244	Residence	4.82E-03	NA	1.27E-04	2.12E-04	4.40E-04	7.33E-05	2.75E-05	NA	9.90E-01	NA	9.32E-02	7.77E-04	1.38E-03	4.61E-05	3.46E-03	NA	1.54E+00	NA
296	370669	3755237	Residence	4.55E-03	NA	1.20E-04	2.00E-04	4.15E-04	6.92E-05	2.59E-05	NA	9.37E-01	NA	8.76E-02	7.30E-04	1.31E-03	4.36E-05	3.27E-03	NA	1.44E+00	NA
297	370571	3755237	Residence	4.76E-03	NA	1.24E-04	2.07E-04	4.32E-04	7.19E-05	2.68E-05	NA	9.80E-01	NA	8.95E-02	7.46E-04	1.37E-03	4.56E-05	3.40E-03	NA	1.48E+00	NA
298	370476	3755238	Residence	4.55E-03	NA	1.29E-04	2.15E-04	4.41E-04	7.35E-05	2.91E-05	NA	9.30E-01	NA	1.07E-01	8.91E-04	1.31E-03	4.36E-05	3.41E-03	NA	1.77E+00	NA
299	370380	3755238	Residence	6.82E-03	NA	1.75E-04	2.91E-04	6.09E-04	1.02E-04	3.72E-05	NA	1.41E+00	NA	1.21E-01	1.01E-03	1.96E-03	6.53E-05	4.82E-03	NA	2.00E+00	NA
300	370279	3755239	Residence	8.63E-03	NA	2.11E-04	3.51E-04	7.41E-04	1.24E-04	4.35E-05	NA	1.79E+00	NA	1.31E-01	1.09E-03	2.48E-03	8.27E-05	5.94E-03	NA	2.16E+00	NA
301	370177	3755240	Residence	9.04E-03	NA	2.22E-04	3.70E-04	7.80E-04	1.30E-04	4.60E-05	NA	1.87E+00	NA	1.40E-01	1.16E-03	2.60E-03	8.66E-05	6.24E-03	NA	2.31E+00	NA
302	370076	3755240	Residence	7.94E-03	NA	2.16E-04	3.60E-04	7.45E-04	1.24E-04	4.77E-05	NA	1.63E+00	NA	1.68E-01	1.40E-03	2.28E-03	7.60E-05	5.81E-03	NA	2.78E+00	NA
303	369979	3755241	Residence	1.06E-02	NA	2.71E-04	4.52E-04	9.45E-04	1.58E-04	5.78E-05	NA	2.18E+00	NA	1.88E-01	1.57E-03	3.04E-03	1.01E-04	7.49E-03	NA	3.11E+00	NA
304	369883	3755241	Residence	1.31E-02	NA	3.20E-04	5.33E-04	1.12E-03	1.87E-04	6.59E-05	NA	2.71E+00	NA	1.98E-01	1.65E-03	3.76E-03	1.25E-04	9.01E-03	NA	3.27E+00	NA
306	369690	3755242	Residence	1.20E-02	NA	3.16E-04	5.26E-04	1.09E-03	1.82E-04	6.83E-05	NA	2.47E+00	NA	2.30E-01	1.92E-03	3.45E-03	1.15E-04	8.62E-03	NA	3.80E+00	NA
307	369594	3755243	Residence	1.09E-02	NA	3.16E-04	5.26E-04	1.08E-03	1.79E-04	7.18E-05	NA	2.23E+00	NA	2.70E-01	2.25E-03	3.14E-03	1.05E-04	8.29E-03	NA	4.45E+00	NA
308	369498	3755243	Residence	1.63E-02	NA	4.21E-04	7.02E-04	1.46E-03	2.44E-04	9.00E-05	NA	3.36E+00	NA	2.96E-01	2.46E-03	4.69E-03	1.56E-04	1.16E-02	NA	4.89E+00	NA
309	369396	3755244	Residence	2.04E-02	NA	4.97E-04	8.28E-04	1.75E-03	2.91E-04	1.02E-04	NA	4.22E+00	NA	3.07E-01	2.55E-03	5.85E-03	1.95E-04	1.40E-02	NA	5.06E+00	NA
310	369295	3755244	Residence	2.12E-02	NA	5.08E-04	8.46E-04	1.79E-03	2.99E-04	1.03E-04	NA	4.39E+00	NA	3.01E-01	2.51E-03	6.08E-03	2.03E-04	1.44E-02	NA	4.96E+00	NA
311	369193	3755245	Residence	1.87E-02	NA	4.55E-04	7.58E-04	1.60E-03	2.67E-04	9.37E-05	NA	3.87E+00	NA	2.81E-01	2.34E-03	5.37E-03	1.79E-04	1.28E-02	NA	4.63E+00	NA
312	369092	3755245	Residence	1.79E-02	NA	4.37E-04	7.29E-04	1.54E-03	2.56E-04	9.02E-05	NA	3.70E+00	NA	2.71E-01	2.26E-03	5.14E-03	1.71E-04	1.23E-02	NA	4.48E+00	NA
313	368991	3755246	Residence	1.92E-02	NA	4.57E-04	7.62E-04	1.62E-03	2.69E-04	9.29E-05	NA	3.98E+00	NA	2.67E-01	2.22E-03	5.51E-03	1.84E-04	1.30E-02	NA	4.41E+00	NA
314	368889	3755247	Residence	1.81E-02	NA	4.32E-04	7.19E-04	1.52E-03	2.54E-04	8.77E-05	NA	3.75E+00	NA	2.53E-01	2.11E-03	5.19E-03	1.73E-04	1.23E-02	NA	4.18E+00	NA
315	368782	3755247	Residence	1.50E-02	NA	3.68E-04	6.13E-04	1.29E-03	2.15E-04	7.61E-05	NA	3.10E+00	NA	2.31E-01	1.93E-03	4.30E-03	1.43E-04	1.03E-02	NA	3.82E+00	NA
316	368676	3755248	Residence	1.11E-02	NA	2.88E-04	4.80E-04	1.00E-03	1.67E-04	6.18E-05	NA	2.28E+00	NA	2.05E-01	1.71E-03	3.18E-03	1.06E-04	7.90E-03	NA	3.39E+00	NA
317	368569	3755248	Residence	7.41E-03	NA	2.11E-04	3.52E-04	7.22E-04	1.20E-04	4.78E-05	NA	1.51E+00	NA	1.78E-01	1.48E-03	2.13E-03	7.09E-05	5.57E-03	NA	2.93E+00	NA
318	368471	3755249	Residence	4.74E-03	NA	1.53E-04	2.55E-04	5.13E-04	8.54E-05	3.68E-05	NA	9.55E-01	NA	1.53E-01	1.27E-03	1.36E-03	4.53E-05	3.85E-03	NA	2.51E+00	NA
319	368373	3755249	Residence	4.43E-03	NA	1.38E-04	2.29E-04	4.63E-04	7.72E-05	3.24E-05	NA	8.97E-01	NA	1.30E-01	1.08E-03	1.27E-03	4.24E-05	3.51E-03	NA	2.15E+00	NA
320	368275	3755250	Residence	5.67E-03	NA	1.61E-04	2.68E-04	5.49E-04	9.16E-05	3.62E-05	NA	1.16E+00	NA	1.34E-01	1.11E-03	1.63E-03	5.42E-05	4.25E-03	NA	2.21E+00	NA
321	368167	3755230	Residence	6.47E-03	NA	1.74E-04	2.90E-04	6.01E-04	1.00E-04	3.81E-05	NA	1.33E+00	NA	1.32E-01	1.10E-03	1.86E-03	6.19E-05	4.70E-03	NA	2.19E+00	NA
322	368054	3755209	Residence	7.18E-03	NA	1.85E-04	3.09E-04	6.45E-04	1.07E-04	3.96E-05	NA	1.48E+00	NA	1.30E-01	1.08E-03	2.06E-03	6.87E-05	5.10E-03	NA	2.15E+00	NA
323	367941	3755189	Residence	7.72E-03	NA	1.93E-04	3.22E-04	6.76E-04	1.13E-04	4.06E-05	NA	1.59E+00	NA	1.27E-01	1.06E-03	2.22E-03	7.39E-05	5.39E-03	NA	2.10E+00	NA
324	367824	3755185	Residence	8.40E-03	NA	2.04E-04	3.40E-04	7.18E-04	1.20E-04	4.20E-05	NA	1.74E+00	NA	1.25E-01	1.04E-03	2.41E-03	8.05E-05	5.76E-03	NA	2.06E+00	NA
325	367711	3755181	Residence	8.75E-03	NA	2.09E-04	3.48E-04	7.37E-04	1.23E-04	4.23E-05	NA	1.82E+00	NA	1.21E-01	1.01E-03	2.51E-03	8.38E-05	5.94E-03	NA	2.01E+00	NA
326	367598	3755178	Residence	8.79E-03	NA	2.07E-04	3.45E-04	7.34E-04	1.22E-04	4.17E-05	NA	1.83E+00	NA	1.17E-01	9.76E-04	2.53E-03	8.42E-05	5.93E-03	NA	1.94E+00	NA
327	367484	3755174	Residence	8.56E-03	NA	2.01E-04	3.35E-04	7.12E-04	1.19E-04	4.04E-05	NA	1.78E+00	NA	1.12E-01	9.37E-04	2.46E-03	8.20E-05	5.76E-03	NA	1.86E+00	NA
328	367461	3755189	Residence	8.49E-03	NA	2.00E-04	3.33E-04	7.07E-04	1.18E-04	4.01E-05	NA	1.76E+00	NA	1.12E-01	9.30E-04	2.44E-03	8.13E-05	5.72E-03	NA	1.84E+00	NA
329	367415	3755295	Residence	7.72E-03	NA	1.85E-04	3.08E-04	6.53E-04	1.09E-04	3.77E-05	NA	1.60E+00	NA	1.09E-01	9.10E-04	2.22E-03	7.39E-05	5.26E-03	NA	1.80E+00	NA
330	367369	3755401	Residence	6.88E-03	NA	1.67E-04	2.79E-04	5.89E-04	9.82E-05	3.45E-05	NA	1.43E+00	NA	1.03E-01	8.57E-04	1.98E-03	6.59E-05	4.73E-03	NA	1.70E+00	NA
331	367324	3755507	Residence	6.99E-03	NA	1.70E-04	2.83E-04	5.98E-04	9.97E-05	3.49E-05	NA	1.45E+00	NA	1.04E-01	8.67E-04	2.01E-03	6.70E-05	4.80E-03	NA	1.72E+00	NA
332	367484	3755199	Residence	8.59E-03	NA	2.02E-04	3.36E-04	7.15E-04	1.19E-04	4.05E-05	NA	1.78E+00	NA	1.13E-01	9.40E-04	2.47E-03	8.23E-05	5.78E-03	NA	1.86E+00	NA
333	367301	3755623	Residence	7.17E-03	NA	1.78E-04	2.97E-04	6.24E-04	1.04E-04	3.71E-05	NA	1.48E+00	NA	1.15E-01	9.56E-04	2.06E-03	6.87E-05	4.98E-03	NA	1.90E+00	NA
334	367114	3756056	Residence	1.00E-02	NA	2.35E-04	3.92E-04	8.34E-04	1.39E-04	4.72E-05	NA	2.09E+00	NA	1.31E-01	1.09E-03	2.88E-03	9.62E-05	6.75E-03	NA	2.16E+00	NA
335	366985	3756358	Residence	9.21E-03	NA	2.18E-04	3.64E-04	7.72E-04	1.29E-04	4.41E-05	NA	1.91E+00	NA	1.25E-01	1.04E-03	2.65E-03	8.82E-05	6.23E-03	NA	2.06E+00	NA
336	366853	3756663	Residence	8.16E-03	NA	1.95E-04	3.25E-04	6.89E-04	1.15E-04	3.96E-05	NA	1.69E+00	NA	1.14E-01	9.49E-04	2.35E-03	7.82E-05	5.55E-03	NA	1.88E+00	NA
337	366902	3756692	Residence	8.66E-03	NA	2.05E-04	3.42E-04	7.26E-04	1.21E-04	4.15E-05	NA	1.80E+00	NA	1.17E-01	9.79E-04	2.49E-03	8.30E-05	5.86E-03	NA	1.94E+00	NA
338	366876	3756760	Residence	8.98E-03	NA	2.11E-04	3.51E-04	7.47E-04	1.24E-04	4.23E-05	NA	1.87E+00	NA	1.17E-01	9.77E-04	2.58E-03	8.60E-05	6.04E-03	NA	1.94E+00	NA
339	366813	3756739	Residence	8.66E-03	NA	2.04E-04	3.39E-04	7.21E-04	1.20E-04	4.09E-05	NA	1.80E+00	NA	1.14E-01	9.51E-04	2.49E-03	8.29E-05	5.83E-03	NA	1.89E+00	NA
340	366677	3757025	Residence	6.43E-03	NA	1.59E-04	2.65E-04	5.57E-04	9.29E-05	3.31E-05	NA	1.33E+00	NA	1.01E-01	8.46E-04	1.85E-03	6.16E-05	4.45E-03	NA	1.68E+00	NA
341	366536	3757322	Residence	3.80E-03	NA	1.01E-04	1.68E-04	3.48E-04	5.80E-05	2.18E-05	NA	7.81E-01	NA	7.42E-02	6.18E-04	1.09E-03	3.64E-05	2.74E-03	NA	1.22E+00	NA
342	366437	3757531	Residence	5.13E-03	NA	1.23E-04	2.04E-04	4.33E-04	7.22E-05	2.49E-05	NA	1.06E+00	NA	7.20E-02	6.00E-04	1.47E-03	4.91E-05	3.49E-03	NA	1.19E+00	NA
343	366487	3757537	Residence	5.33E-03	NA	1.27E-04	2.11E-04	4.48E-04	7.47E-05	2.57E-05	NA	1.11E+00	NA	7.36E-02	6.13E-04	1.53E-03	5.10E-05	3.61E-03	NA	1.22E+00	NA
344	366624	3757468	Residence	5.40E-03	NA	1.30E-04	2.16E-04	4.57E-04	7.62E-05	2.64E-05	NA	1.12E+00	NA	7.70E-02	6.42E-04	1.55E-03	5.17E-05	3.68E-03	NA	1.27E+00	NA
345	366644	3757531	Residence	5.82E-03	NA	1.38E-04	2.30E-04	4.87E-04	8.12E-05	2.78E-05	NA	1.21E+00	NA	7.85E-02	6.54E-04	1.67E-03	5.58E-05	3.94E-03	NA	1.30E+00	NA
346	366777	3757520	Residence	6.23E-03	NA	1.47E-04	2.45E-04	5.20E-04	8.67E-05	2.96E-05	NA	1.29E+00	NA	8.29E-02	6.91E-04	1.79E-03	5.97E-05	4.20E-03	NA	1.37E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
347	366999	3757642	Residence	6.49E-03	NA	1.54E-04	2.57E-04	5.44E-04	9.07E-05	3.11E-05	NA	1.35E+00	NA	8.83E-02	7.36E-04	1.86E-03	6.22E-05	4.39E-03	NA	1.46E+00	NA
348	367174	3757740	Residence	5.31E-03	NA	1.33E-04	2.22E-04	4.66E-04	7.77E-05	2.80E-05	NA	1.10E+00	NA	8.78E-02	7.32E-04	1.53E-03	5.09E-05	3.71E-03	NA	1.45E+00	NA
349	367291	3757694	Residence	5.67E-03	NA	1.42E-04	2.37E-04	4.97E-04	8.28E-05	2.97E-05	NA	1.17E+00	NA	9.30E-02	7.75E-04	1.63E-03	5.43E-05	3.96E-03	NA	1.54E+00	NA
350	367413	3757695	Residence	5.34E-03	NA	1.37E-04	2.29E-04	4.78E-04	7.97E-05	2.93E-05	NA	1.10E+00	NA	9.54E-02	7.95E-04	1.54E-03	5.12E-05	3.78E-03	NA	1.58E+00	NA
351	367410	3757736	Residence	4.71E-03	NA	1.24E-04	2.07E-04	4.31E-04	7.18E-05	2.70E-05	NA	9.68E-01	NA	9.17E-02	7.64E-04	1.35E-03	4.51E-05	3.39E-03	NA	1.52E+00	NA
352	367518	3757796	Residence	3.36E-03	NA	9.87E-05	1.64E-04	3.35E-04	5.59E-05	2.27E-05	NA	6.83E-01	NA	8.67E-02	7.23E-04	9.64E-04	3.21E-05	2.57E-03	NA	1.43E+00	NA
353	367539	3757802	Residence	3.19E-03	NA	9.54E-05	1.59E-04	3.23E-04	5.39E-05	2.21E-05	NA	6.47E-01	NA	8.61E-02	7.17E-04	9.15E-04	3.05E-05	2.47E-03	NA	1.42E+00	NA
354	367609	3757677	Residence	4.94E-03	NA	1.32E-04	2.21E-04	4.57E-04	7.62E-05	2.89E-05	NA	1.01E+00	NA	1.00E-01	8.33E-04	1.42E-03	4.73E-05	3.58E-03	NA	1.65E+00	NA
355	367769	3757644	Residence	4.84E-03	NA	1.33E-04	2.22E-04	4.58E-04	7.63E-05	2.96E-05	NA	9.91E-01	NA	1.06E-01	8.81E-04	1.39E-03	4.63E-05	3.57E-03	NA	1.75E+00	NA
356	367775	3757719	Residence	3.44E-03	NA	1.05E-04	1.74E-04	3.53E-04	5.89E-05	2.44E-05	NA	6.98E-01	NA	9.62E-02	8.02E-04	9.88E-04	3.29E-05	2.69E-03	NA	1.59E+00	NA
357	367809	3757835	Residence	3.37E-03	NA	9.57E-05	1.60E-04	3.27E-04	5.45E-05	2.16E-05	NA	6.88E-01	NA	8.01E-02	6.67E-04	9.67E-04	3.22E-05	2.53E-03	NA	1.32E+00	NA
358	367807	3757936	Residence	3.49E-03	NA	9.15E-05	1.52E-04	3.17E-04	5.29E-05	1.97E-05	NA	7.18E-01	NA	6.64E-02	5.53E-04	1.00E-03	3.34E-05	2.50E-03	NA	1.10E+00	NA
359	367775	3757959	Residence	3.42E-03	NA	8.94E-05	1.49E-04	3.10E-04	5.17E-05	1.92E-05	NA	7.05E-01	NA	6.42E-02	5.35E-04	9.84E-04	3.28E-05	2.45E-03	NA	1.06E+00	NA
360	367798	3758011	Residence	3.43E-03	NA	8.61E-05	1.43E-04	3.01E-04	5.02E-05	1.81E-05	NA	7.08E-01	NA	5.70E-02	4.75E-04	9.85E-04	3.28E-05	2.40E-03	NA	9.40E-01	NA
361	367914	3757962	Residence	3.64E-03	NA	9.11E-05	1.52E-04	3.19E-04	5.31E-05	1.91E-05	NA	7.52E-01	NA	5.99E-02	4.99E-04	1.05E-03	3.48E-05	2.54E-03	NA	9.88E-01	NA
362	367905	3757930	Residence	3.67E-03	NA	9.38E-05	1.56E-04	3.27E-04	5.45E-05	1.99E-05	NA	7.57E-01	NA	6.46E-02	5.38E-04	1.05E-03	3.51E-05	2.59E-03	NA	1.07E+00	NA
363	368109	3757840	Residence	4.12E-03	NA	1.05E-04	1.75E-04	3.66E-04	6.10E-05	2.22E-05	NA	8.51E-01	NA	7.14E-02	5.95E-04	1.18E-03	3.95E-05	2.90E-03	NA	1.18E+00	NA
364	368233	3757790	Residence	4.42E-03	NA	1.12E-04	1.86E-04	3.91E-04	6.51E-05	2.36E-05	NA	9.12E-01	NA	7.53E-02	6.28E-04	1.27E-03	4.23E-05	3.10E-03	NA	1.24E+00	NA
365	368309	3757762	Residence	4.60E-03	NA	1.16E-04	1.94E-04	4.06E-04	6.77E-05	2.45E-05	NA	9.50E-01	NA	7.82E-02	6.51E-04	1.32E-03	4.41E-05	3.23E-03	NA	1.29E+00	NA
366	368603	3757765	Residence	4.75E-03	NA	1.41E-04	2.35E-04	4.79E-04	7.98E-05	3.26E-05	NA	9.66E-01	NA	1.26E-01	1.05E-03	1.36E-03	4.55E-05	3.67E-03	NA	2.08E+00	NA
367	368604	3757719	Residence	4.75E-03	NA	1.39E-04	2.32E-04	4.73E-04	7.88E-05	3.19E-05	NA	9.66E-01	NA	1.22E-01	1.02E-03	1.36E-03	4.54E-05	3.63E-03	NA	2.01E+00	NA
368	368770	3757799	Residence	9.07E-03	NA	2.32E-04	3.86E-04	8.08E-04	1.35E-04	4.92E-05	NA	1.87E+00	NA	1.59E-01	1.33E-03	2.61E-03	8.68E-05	6.40E-03	NA	2.63E+00	NA
369	369017	3757954	Residence	1.24E-02	NA	3.00E-04	5.00E-04	1.06E-03	1.76E-04	6.14E-05	NA	2.58E+00	NA	1.80E-01	1.50E-03	3.58E-03	1.19E-04	8.51E-03	NA	2.97E+00	NA
370	369080	3757864	Residence	1.37E-02	NA	3.31E-04	5.51E-04	1.17E-03	1.94E-04	6.75E-05	NA	2.85E+00	NA	1.97E-01	1.64E-03	3.95E-03	1.32E-04	9.38E-03	NA	3.26E+00	NA
371	369224	3757952	Residence	8.79E-03	NA	2.35E-04	3.92E-04	8.12E-04	1.35E-04	5.13E-05	NA	1.81E+00	NA	1.77E-01	1.47E-03	2.52E-03	8.42E-05	6.37E-03	NA	2.92E+00	NA
372	369409	3757730	Residence	1.10E-02	NA	2.97E-04	4.95E-04	1.02E-03	1.71E-04	6.51E-05	NA	2.26E+00	NA	2.26E-01	1.89E-03	3.17E-03	1.06E-04	8.02E-03	NA	3.74E+00	NA
373	369454	3757776	Residence	7.62E-03	NA	2.26E-04	3.77E-04	7.67E-04	1.28E-04	5.23E-05	NA	1.55E+00	NA	2.02E-01	1.68E-03	2.19E-03	7.29E-05	5.87E-03	NA	3.33E+00	NA
374	369265	3757997	Residence	6.52E-03	NA	1.89E-04	3.14E-04	6.42E-04	1.07E-04	4.30E-05	NA	1.33E+00	NA	1.62E-01	1.35E-03	1.87E-03	6.24E-05	4.95E-03	NA	2.67E+00	NA
375	369452	3758128	Residence	3.37E-03	NA	1.08E-04	1.80E-04	3.62E-04	6.03E-05	2.58E-05	NA	6.78E-01	NA	1.06E-01	8.87E-04	9.65E-04	3.22E-05	2.72E-03	NA	1.75E+00	NA
376	369460	3758394	Residence	3.33E-03	NA	1.09E-04	1.81E-04	3.64E-04	6.06E-05	2.63E-05	NA	6.71E-01	NA	1.10E-01	9.14E-04	9.56E-04	3.19E-05	2.73E-03	NA	1.81E+00	NA
377	369853	3758394	Residence	1.21E-02	NA	2.90E-04	4.84E-04	1.02E-03	1.71E-04	5.93E-05	NA	2.50E+00	NA	1.73E-01	1.44E-03	3.47E-03	1.16E-04	8.24E-03	NA	2.86E+00	NA
378	369850	3758078	Residence	1.40E-02	NA	3.45E-04	5.75E-04	1.21E-03	2.02E-04	7.15E-05	NA	2.90E+00	NA	2.18E-01	1.81E-03	4.03E-03	1.34E-04	9.69E-03	NA	3.59E+00	NA
384	370886	3758089	Residence	5.57E-03	NA	1.37E-04	2.28E-04	4.80E-04	8.01E-05	2.83E-05	NA	1.15E+00	NA	8.60E-02	7.17E-04	1.60E-03	5.33E-05	3.84E-03	NA	1.42E+00	NA
391	371193	3757720	Residence	1.39E-02	NA	3.40E-04	5.67E-04	1.20E-03	1.99E-04	7.03E-05	NA	2.87E+00	NA	2.12E-01	1.77E-03	3.99E-03	1.33E-04	9.57E-03	NA	3.50E+00	NA
392	371254	3757762	Residence	1.36E-02	NA	3.29E-04	5.48E-04	1.16E-03	1.93E-04	6.76E-05	NA	2.81E+00	NA	2.01E-01	1.67E-03	3.89E-03	1.30E-04	9.30E-03	NA	3.32E+00	NA
393	371264	3757783	Residence	1.31E-02	NA	3.19E-04	5.32E-04	1.12E-03	1.87E-04	6.57E-05	NA	2.72E+00	NA	1.96E-01	1.64E-03	3.77E-03	1.26E-04	9.01E-03	NA	3.24E+00	NA
394	371372	3757782	Residence	1.38E-02	NA	3.29E-04	5.49E-04	1.16E-03	1.94E-04	6.67E-05	NA	2.87E+00	NA	1.90E-01	1.59E-03	3.98E-03	1.33E-04	9.39E-03	NA	3.14E+00	NA
395	371399	3757806	Residence	1.35E-02	NA	3.20E-04	5.34E-04	1.13E-03	1.89E-04	6.48E-05	NA	2.80E+00	NA	1.85E-01	1.54E-03	3.87E-03	1.29E-04	9.13E-03	NA	3.05E+00	NA
396	371798	3758080	Residence	9.60E-03	NA	2.28E-04	3.80E-04	8.06E-04	1.34E-04	4.61E-05	NA	1.99E+00	NA	1.31E-01	1.09E-03	2.76E-03	9.19E-05	6.50E-03	NA	2.17E+00	NA
397	371908	3757934	Residence	1.03E-02	NA	2.43E-04	4.04E-04	8.59E-04	1.43E-04	4.89E-05	NA	2.13E+00	NA	1.38E-01	1.15E-03	2.95E-03	9.84E-05	6.94E-03	NA	2.28E+00	NA
398	371964	3757922	Residence	1.01E-02	NA	2.38E-04	3.96E-04	8.42E-04	1.40E-04	4.79E-05	NA	2.09E+00	NA	1.35E-01	1.12E-03	2.90E-03	9.65E-05	6.80E-03	NA	2.23E+00	NA
442	370667	3755262	Residence	4.63E-03	NA	1.23E-04	2.04E-04	4.25E-04	7.08E-05	2.66E-05	NA	9.53E-01	NA	9.05E-02	7.54E-04	1.33E-03	4.44E-05	3.34E-03	NA	1.49E+00	NA
443	370380	3755263	Residence	6.94E-03	NA	1.78E-04	2.97E-04	6.20E-04	1.03E-04	3.80E-05	NA	1.43E+00	NA	1.24E-01	1.03E-03	1.99E-03	6.64E-05	4.91E-03	NA	2.05E+00	NA
444	370076	3755265	Residence	8.09E-03	NA	2.21E-04	3.69E-04	7.62E-04	1.27E-04	4.90E-05	NA	1.66E+00	NA	1.73E-01	1.44E-03	2.32E-03	7.75E-05	5.94E-03	NA	2.86E+00	NA
446	369498	3755268	Residence	1.74E-02	NA	4.45E-04	7.42E-04	1.55E-03	2.58E-04	9.45E-05	NA	3.59E+00	NA	3.06E-01	2.55E-03	5.00E-03	1.67E-04	1.23E-02	NA	5.05E+00	NA
447	369194	3755270	Residence	1.84E-02	NA	4.51E-04	7.52E-04	1.59E-03	2.64E-04	9.34E-05	NA	3.81E+00	NA	2.83E-01	2.36E-03	5.29E-03	1.76E-04	1.27E-02	NA	4.67E+00	NA
448	368889	3755272	Residence	1.79E-02	NA	4.30E-04	7.17E-04	1.52E-03	2.53E-04	8.76E-05	NA	3.72E+00	NA	2.55E-01	2.12E-03	5.15E-03	1.72E-04	1.22E-02	NA	4.21E+00	NA
449	368569	3755273	Residence	6.76E-03	NA	1.99E-04	3.31E-04	6.75E-04	1.12E-04	4.56E-05	NA	1.37E+00	NA	1.75E-01	1.46E-03	1.94E-03	6.46E-05	5.18E-03	NA	2.88E+00	NA
450	368275	3755275	Residence	6.31E-03	NA	1.74E-04	2.90E-04	5.98E-04	9.96E-05	3.87E-05	NA	1.29E+00	NA	1.38E-01	1.15E-03	1.81E-03	6.04E-05	4.66E-03	NA	2.28E+00	NA
451	367936	3755213	Residence	8.25E-03	NA	2.04E-04	3.40E-04	7.15E-04	1.19E-04	4.23E-05	NA	1.71E+00	NA	1.30E-01	1.08E-03	2.37E-03	7.90E-05	5.71E-03	NA	2.14E+00	NA
74	370324	3758078	School	3.72E-03	NA	1.07E-04	1.79E-04	3.66E-04	6.09E-05	2.44E-05	NA	7.58E-01	NA	9.19E-02	7.65E-04	1.07E-03	3.55E-05	2.82E-03	NA	1.52E+00	NA
75	370324	3758078	School	4.63E-03	NA	1.27E-04	2.11E-04	4.35E-04	7.26E-05	2.80E-05	NA	9.49E-01	NA	9.90E-02	8.25E-04	1.33E-03	4.43E-05	3.40E-03	NA	1.63E+00	NA
76	370324	3758078	School	4.42E-03	NA	1.23E-04	2.06E-04	4.23E-04	7.05E-05	2.76E-05	NA	9.04E-01	NA	1.00E-01	8.34E-04	1.27E-03	4.23E-05	3.28E-03	NA	1.65E+00	NA
77	370324	3758078	School	3.53E-03	NA	1.06E-04	1.77E-04	3.59E-04	5.98E-05	2.46E-05	NA	7.16E-01	NA	9.59E-02	7.99E-04	1.01E-03	3.37E-05	2.74E-03	NA	1.58E+00	NA
130	370324	3758078	School	5.25E-03	NA	1.61E-04	2.68E-04	5.42E-04	9.04E-05	3.77E-05	NA	1.07E+00	NA	1.49E-01	1.24E-03	1.51E-03	5.03E-05	4.13E-03	NA	2.47E+00	NA
131	370381	3757991	School	5.49E-03	NA	1.60E-04	2.66E-04	5.44E-04	9.06E-05	3.66E-05	NA	1.12E+00	NA	1.38E-01	1.15E-03	1.58E-03	5.26E-05	4.18E-03	NA	2.29E+00	NA
132	370435	3758019	School	4.98E-03	NA	1.40E-04	2.33E-04	4.78E-04	7.97E-05	3.13E-05	NA	1.02E+00	NA	1.14E-01	9.50E-04	1.43E-03	4.77E-05	3.71E-03	NA	1.89E+00	NA
133	370499	3758050	School	4.97E-03	NA	1.29E-04	2.16E-04	4.49E-04	7.49E-05	2.78E-05	NA	1.02E+00	NA	9.22E-02	7.69E-04	1.43E-03	4.76E-05	3.55E-03	NA	1.52E+00	NA
134	370485	3758025	School	4.97E-03	NA	1.31E-04	2.18E-04	4.52E-04	7.54E-05	2.82E-05	NA	1.02E+00	NA	9.49E-02	7.91E-04	1.43E-03	4.75E-05	3.56E-03	NA	1.57E+00	NA
135	370481	3758086	School	4.41E-03	NA	1.20E-04	2.00E-04	4.13E-04	6.88E-05	2.64E-05	NA	9.04E-01	NA	9.28E-02	7.73E-04	1.27E-03	4.22E-05	3.22E-03	NA	1.54E+00	NA
305	369787	3755242	School	1.36E-02	NA	3.27E-04	5.46E-04	1.15E-03	1.92E-04	6.70E-05	NA	2.81E+00	NA	1.97E-01	1.64E-03	3.90E-03	1.30E-04	9.27E-03	NA	3.25E+00	NA
379	370299	3758078	School	5.24E-03	NA	1.65E-04	2.74E-04	5.53E-04	9.22E-05	3.91E-05	NA	1.06E+00	NA	1.58E-01	1.32E-03	1.50E-03	5.01E-05	4.18E-03	NA	2.61E+00	NA
380	370298	3757963	School	5.83E-03	NA	1.84E-04	3.06E-04	6.17E-04	1.03E-04	4.37E-05	NA	1.18E+00	NA	1.77E-01	1.48E-03	1.67E-03	5.57E-05	4.66E-03	NA	2.93E+00	NA
381	370382	3757966	School	5.60E-03	NA	1.63E-04	2.72E-04	5.55E-04	9.24E-05	3.73E-05	NA	1.14E+00	NA	1.41E-01	1.18E-03	1.61E-03	5.36E-05	4.27E-03	NA	2.33E+00	NA

Table 4-2B
Calculation of Mitigated Acute Hazard Indices for PM10 for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	MANGANESE (µg/m^3)	MANGANESE Acute Hazard	MERCURY (µg/m^3)	MERCURY Acute Hazard	NICKEL (µg/m^3)	NICKEL Acute Hazard	SELENIUM (µg/m^3)	SELENIUM Acute Hazard	SILICON (µg/m^3)	SILICON Acute Hazard	SULFATES (µg/m^3)	SULFATES Acute Hazard	VANADIUM (µg/m^3)	VANADIUM Acute Hazard	ZINC (µg/m^3)	ZINC Acute Hazard	DIESEL PM (µg/m^3)	DIESEL PM Acute Hazard
		CalEPA Acute REL			NA		0.6		6		NA		NA		120		30		NA		NA
382	370510	3758027	School	5.33E-03	NA	1.37E-04	2.28E-04	4.77E-04	7.95E-05	2.92E-05	NA	1.10E+00	NA	9.55E-02	7.95E-04	1.53E-03	5.11E-05	3.78E-03	NA	1.57E+00	NA
383	370506	3758088	School	4.76E-03	NA	1.24E-04	2.06E-04	4.30E-04	7.17E-05	2.66E-05	NA	9.79E-01	NA	8.87E-02	7.39E-04	1.37E-03	4.55E-05	3.39E-03	NA	1.46E+00	NA
445	369787	3755267	School	1.38E-02	NA	3.34E-04	5.56E-04	1.18E-03	1.96E-04	6.84E-05	NA	2.86E+00	NA	2.02E-01	1.68E-03	3.97E-03	1.32E-04	9.45E-03	NA	3.33E+00	NA

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Location	acetaldehyde (µg/m^3)	acrolein (µg/m^3)	benzene (µg/m^3)	butadiene, 1,3- (µg/m^3)	ethylbenzene (µg/m^3)	formaldehyde (µg/m^3)	hexane, n- (µg/m^3)	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m^3)	propylene oxide (µg/m^3)	toluene (µg/m^3)	Total Xylenes (µg/m^3)
Residential											
Maximum Offsite Concentration-->	-8.80E-05	-2.91E-05	-5.95E-05	-7.19E-07	-1.01E-04	-1.27E-03	-2.85E-05	-6.41E-06	-4.85E-05	-3.99E-04	-2.41E-04
Average Offsite Concentration-->	-2.29E-04	-7.05E-05	-1.43E-04	-1.95E-06	-2.51E-04	-3.40E-03	-7.08E-05	-1.61E-05	-1.31E-04	-9.97E-04	-5.93E-04
Minimum Offsite Concentration-->	-4.63E-04	-1.52E-04	-3.17E-04	-4.24E-06	-4.98E-04	-7.22E-03	-2.06E-04	-3.20E-05	-2.86E-04	-1.98E-03	-1.21E-03
Commercial											
Maximum Offsite Concentration-->	-8.62E-05	-3.40E-05	-7.03E-05	-5.95E-07	-1.10E-04	-1.10E-03	-3.95E-05	-6.90E-06	-4.01E-05	-4.34E-04	-2.74E-04
Average Offsite Concentration-->	-3.23E-04	-9.21E-05	-1.86E-04	-2.87E-06	-3.39E-04	-4.95E-03	-8.43E-05	-2.20E-05	-1.93E-04	-1.35E-03	-7.87E-04
Minimum Offsite Concentration-->	-2.01E-03	-4.28E-04	-8.37E-04	-2.00E-05	-1.82E-03	-3.36E-02	-2.22E-04	-1.22E-04	-1.35E-03	-7.35E-03	-3.93E-03
School											
Maximum Offsite Concentration-->	-1.29E-04	-4.81E-05	-9.92E-05	-9.70E-07	-1.58E-04	-1.76E-03	-5.71E-05	-9.97E-06	-6.54E-05	-6.25E-04	-3.90E-04
Average Offsite Concentration-->	-3.48E-04	-1.04E-04	-2.11E-04	-3.02E-06	-3.75E-04	-5.24E-03	-1.01E-04	-2.42E-05	-2.03E-04	-1.49E-03	-8.80E-04
Minimum Offsite Concentration-->	-4.63E-04	-1.32E-04	-2.66E-04	-4.11E-06	-4.86E-04	-7.11E-03	-1.20E-04	-3.15E-05	-2.77E-04	-1.94E-03	-1.13E-03
CalEPA Acute REL	470	2.5	1300	NA	NA	55	NA	NA	3100	37000	22000
Residential											
Offsite Maximum Acute Hazard-->	-1.87E-07	-1.17E-05	-4.58E-08	NA	NA	-2.31E-05	NA	NA	-1.56E-08	-1.08E-08	-1.10E-08
Offsite Average Acute Hazard-->	-4.86E-07	-2.82E-05	-1.10E-07	NA	NA	-6.18E-05	NA	NA	-4.23E-08	-2.70E-08	-2.69E-08
Offsite Minimum Acute Hazard-->	-9.85E-07	-6.07E-05	-2.44E-07	NA	NA	-1.31E-04	NA	NA	-9.22E-08	-5.35E-08	-5.52E-08
Commercial											
Offsite Maximum Acute Hazard-->	-1.83E-07	-1.36E-05	-5.41E-08	NA	NA	-2.01E-05	NA	NA	-1.29E-08	-1.17E-08	-1.24E-08
Offsite Average Acute Hazard-->	-6.87E-07	-3.68E-05	-1.43E-07	NA	NA	-9.00E-05	NA	NA	-6.23E-08	-3.66E-08	-3.58E-08
Offsite Minimum Acute Hazard-->	-4.28E-06	-1.71E-04	-6.44E-07	NA	NA	-6.12E-04	NA	NA	-4.36E-07	-1.99E-07	-1.79E-07
School											
Offsite Maximum Acute Hazard-->	-2.75E-07	-1.92E-05	-7.63E-08	NA	NA	-3.19E-05	NA	NA	-2.11E-08	-1.69E-08	-1.77E-08
Offsite Average Acute Hazard-->	-7.41E-07	-4.16E-05	-1.62E-07	NA	NA	-9.53E-05	NA	NA	-6.56E-08	-4.04E-08	-4.00E-08
Offsite Minimum Acute Hazard-->	-9.86E-07	-5.27E-05	-2.04E-07	NA	NA	-1.29E-04	NA	NA	-8.95E-08	-5.24E-08	-5.12E-08

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m^3)	acrolein (µg/m^3)	benzene (µg/m^3)	butadiene, 1,3- (µg/m^3)	ethylbenzene (µg/m^3)	formaldehyde (µg/m^3)	hexane, n- (µg/m^3)	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m^3)	propylene (µg/m^3)	toluene (µg/m^3)	Total Xylenes (µg/m^3)
29	370479	3756654	Commercial	-2.01E-03	-4.28E-04	-8.37E-04	-2.00E-05	-1.82E-03	-3.36E-02	-2.22E-04	-1.22E-04	-1.35E-03	-7.35E-03	-3.93E-03
141	370911	3758089	Commercial	-3.47E-04	-9.55E-05	-1.92E-04	-3.13E-06	-3.58E-04	-5.39E-03	-8.33E-05	-2.33E-05	-2.11E-04	-1.43E-03	-8.23E-04
142	370911	3757976	Commercial	-3.53E-04	-1.05E-04	-2.12E-04	-3.07E-06	-3.78E-04	-5.32E-03	-1.00E-04	-2.44E-05	-2.07E-04	-1.51E-03	-8.86E-04
143	370911	3757863	Commercial	-4.33E-04	-1.25E-04	-2.53E-04	-3.82E-06	-4.58E-04	-6.61E-03	-1.16E-04	-2.97E-05	-2.58E-04	-1.83E-03	-1.07E-03
144	370910	3757751	Commercial	-4.09E-04	-1.22E-04	-2.47E-04	-3.55E-06	-4.40E-04	-6.17E-03	-1.18E-04	-2.84E-05	-2.39E-04	-1.75E-03	-1.03E-03
145	370930	3757712	Commercial	-3.88E-04	-1.17E-04	-2.37E-04	-3.34E-06	-4.20E-04	-5.82E-03	-1.14E-04	-2.70E-05	-2.25E-04	-1.67E-03	-9.87E-04
146	370961	3757689	Commercial	-3.63E-04	-1.10E-04	-2.23E-04	-3.12E-06	-3.94E-04	-5.44E-03	-1.08E-04	-2.54E-05	-2.11E-04	-1.57E-03	-9.27E-04
147	371046	3757693	Commercial	-4.28E-04	-1.24E-04	-2.50E-04	-3.78E-06	-4.53E-04	-6.53E-03	-1.15E-04	-2.93E-05	-2.55E-04	-1.81E-03	-1.05E-03
148	371071	3757668	Commercial	-4.35E-04	-1.26E-04	-2.56E-04	-3.82E-06	-4.61E-04	-6.61E-03	-1.19E-04	-2.99E-05	-2.57E-04	-1.84E-03	-1.08E-03
149	371071	3757585	Commercial	-4.06E-04	-1.20E-04	-2.43E-04	-3.54E-06	-4.34E-04	-6.14E-03	-1.14E-04	-2.81E-05	-2.38E-04	-1.73E-03	-1.02E-03
150	371047	3757610	Commercial	-4.16E-04	-1.23E-04	-2.49E-04	-3.62E-06	-4.45E-04	-6.28E-03	-1.18E-04	-2.88E-05	-2.44E-04	-1.77E-03	-1.04E-03
151	371122	3757609	Commercial	-4.05E-04	-1.18E-04	-2.39E-04	-3.55E-06	-4.30E-04	-6.15E-03	-1.11E-04	-2.78E-05	-2.39E-04	-1.72E-03	-1.00E-03
152	371099	3757595	Commercial	-4.05E-04	-1.19E-04	-2.40E-04	-3.54E-06	-4.31E-04	-6.13E-03	-1.12E-04	-2.79E-05	-2.39E-04	-1.72E-03	-1.01E-03
153	371135	3757663	Commercial	-4.19E-04	-1.22E-04	-2.46E-04	-3.68E-06	-4.45E-04	-6.37E-03	-1.14E-04	-2.88E-05	-2.48E-04	-1.77E-03	-1.04E-03
168	371995	3757843	Commercial	-2.55E-04	-8.10E-05	-1.65E-04	-2.14E-06	-2.85E-04	-3.75E-03	-8.38E-05	-1.82E-05	-1.44E-04	-1.13E-03	-6.77E-04
169	371969	3757867	Commercial	-2.55E-04	-8.17E-05	-1.67E-04	-2.13E-06	-2.86E-04	-3.74E-03	-8.53E-05	-1.83E-05	-1.44E-04	-1.14E-03	-6.82E-04
170	372023	3757868	Commercial	-2.47E-04	-7.91E-05	-1.61E-04	-2.06E-06	-2.77E-04	-3.62E-03	-8.25E-05	-1.77E-05	-1.39E-04	-1.10E-03	-6.60E-04
171	372048	3757843	Commercial	-2.55E-04	-7.93E-05	-1.61E-04	-2.16E-06	-2.81E-04	-3.78E-03	-8.02E-05	-1.81E-05	-1.46E-04	-1.12E-03	-6.65E-04
172	372047	3757746	Commercial	-2.60E-04	-8.15E-05	-1.66E-04	-2.20E-06	-2.88E-04	-3.84E-03	-8.33E-05	-1.85E-05	-1.48E-04	-1.14E-03	-6.83E-04
173	372046	3757649	Commercial	-2.78E-04	-8.62E-05	-1.75E-04	-2.35E-06	-3.06E-04	-4.12E-03	-8.72E-05	-1.96E-05	-1.59E-04	-1.22E-03	-7.24E-04
174	372045	3757551	Commercial	-2.80E-04	-8.56E-05	-1.74E-04	-2.39E-06	-3.06E-04	-4.17E-03	-8.53E-05	-1.97E-05	-1.61E-04	-1.22E-03	-7.21E-04
175	372041	3757448	Commercial	-2.87E-04	-8.40E-05	-1.70E-04	-2.52E-06	-3.06E-04	-4.37E-03	-7.92E-05	-1.98E-05	-1.70E-04	-1.22E-03	-7.14E-04
176	372036	3757345	Commercial	-3.10E-04	-9.39E-05	-1.91E-04	-2.66E-06	-3.36E-04	-4.63E-03	-9.27E-05	-2.17E-05	-1.79E-04	-1.34E-03	-7.92E-04
177	372032	3757242	Commercial	-3.21E-04	-9.70E-05	-1.97E-04	-2.77E-06	-3.48E-04	-4.82E-03	-9.51E-05	-2.24E-05	-1.86E-04	-1.39E-03	-8.19E-04
178	372027	3757139	Commercial	-3.06E-04	-9.11E-05	-1.85E-04	-2.66E-06	-3.29E-04	-4.62E-03	-8.77E-05	-2.13E-05	-1.79E-04	-1.31E-03	-7.71E-04
179	372003	3757115	Commercial	-3.08E-04	-9.05E-05	-1.83E-04	-2.69E-06	-3.29E-04	-4.67E-03	-8.59E-05	-2.13E-05	-1.82E-04	-1.31E-03	-7.69E-04
180	371881	3757114	Commercial	-3.59E-04	-1.05E-04	-2.11E-04	-3.15E-06	-3.81E-04	-5.46E-03	-9.82E-05	-2.47E-05	-2.13E-04	-1.52E-03	-8.89E-04
181	371758	3757113	Commercial	-4.02E-04	-1.16E-04	-2.35E-04	-3.55E-06	-4.26E-04	-6.14E-03	-1.08E-04	-2.76E-05	-2.39E-04	-1.70E-03	-9.91E-04
182	371636	3757112	Commercial	-4.25E-04	-1.23E-04	-2.49E-04	-3.74E-06	-4.50E-04	-6.47E-03	-1.15E-04	-2.91E-05	-2.52E-04	-1.79E-03	-1.05E-03

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

183	371514	3757111	Commercial	-4.30E-04	-1.25E-04	-2.54E-04	-3.77E-06	-4.57E-04	-6.53E-03	-1.18E-04	-2.96E-05	-2.54E-04	-1.82E-03	-1.07E-03
184	371394	3757110	Commercial	-4.27E-04	-1.23E-04	-2.48E-04	-3.77E-06	-4.51E-04	-6.52E-03	-1.14E-04	-2.92E-05	-2.54E-04	-1.80E-03	-1.05E-03
185	371275	3757110	Commercial	-4.31E-04	-1.19E-04	-2.39E-04	-3.89E-06	-4.44E-04	-6.69E-03	-1.04E-04	-2.89E-05	-2.62E-04	-1.77E-03	-1.02E-03
186	371155	3757109	Commercial	-4.70E-04	-1.28E-04	-2.56E-04	-4.26E-06	-4.80E-04	-7.32E-03	-1.09E-04	-3.13E-05	-2.87E-04	-1.92E-03	-1.10E-03
187	371035	3757108	Commercial	-5.48E-04	-1.38E-04	-2.76E-04	-5.13E-06	-5.39E-04	-8.74E-03	-1.06E-04	-3.54E-05	-3.46E-04	-2.16E-03	-1.22E-03
188	371060	3757133	Commercial	-5.22E-04	-1.34E-04	-2.69E-04	-4.84E-06	-5.19E-04	-8.27E-03	-1.06E-04	-3.40E-05	-3.26E-04	-2.08E-03	-1.18E-03
189	371059	3757085	Commercial	-5.39E-04	-1.37E-04	-2.74E-04	-5.03E-06	-5.33E-04	-8.58E-03	-1.06E-04	-3.50E-05	-3.39E-04	-2.14E-03	-1.20E-03
190	371034	3757060	Commercial	-5.66E-04	-1.40E-04	-2.80E-04	-5.34E-06	-5.53E-04	-9.08E-03	-1.04E-04	-3.64E-05	-3.60E-04	-2.22E-03	-1.24E-03
191	370944	3757061	Commercial	-5.94E-04	-1.40E-04	-2.78E-04	-5.71E-06	-5.66E-04	-9.67E-03	-9.46E-05	-3.75E-05	-3.85E-04	-2.27E-03	-1.25E-03
192	370854	3757061	Commercial	-6.36E-04	-1.51E-04	-2.99E-04	-6.10E-06	-6.07E-04	-1.03E-02	-1.03E-04	-4.01E-05	-4.11E-04	-2.44E-03	-1.35E-03
193	370764	3757062	Commercial	-6.28E-04	-1.54E-04	-3.06E-04	-5.95E-06	-6.09E-04	-1.01E-02	-1.12E-04	-4.02E-05	-4.01E-04	-2.44E-03	-1.36E-03
194	370789	3757086	Commercial	-6.09E-04	-1.48E-04	-2.94E-04	-5.78E-06	-5.88E-04	-9.81E-03	-1.06E-04	-3.88E-05	-3.90E-04	-2.36E-03	-1.31E-03
195	370786	3756996	Commercial	-7.13E-04	-1.70E-04	-3.38E-04	-6.82E-06	-6.83E-04	-1.16E-02	-1.17E-04	-4.51E-05	-4.60E-04	-2.74E-03	-1.52E-03
196	370782	3756907	Commercial	-8.31E-04	-1.97E-04	-3.89E-04	-7.98E-06	-7.92E-04	-1.35E-02	-1.33E-04	-5.24E-05	-5.38E-04	-3.18E-03	-1.76E-03
197	370779	3756817	Commercial	-8.81E-04	-2.09E-04	-4.14E-04	-8.45E-06	-8.41E-04	-1.43E-02	-1.42E-04	-5.56E-05	-5.69E-04	-3.38E-03	-1.87E-03
198	370755	3756843	Commercial	-8.41E-04	-1.98E-04	-3.91E-04	-8.09E-06	-7.99E-04	-1.37E-02	-1.32E-04	-5.29E-05	-5.46E-04	-3.21E-03	-1.77E-03
199	370847	3756839	Commercial	-8.83E-04	-2.09E-04	-4.13E-04	-8.49E-06	-8.41E-04	-1.44E-02	-1.40E-04	-5.57E-05	-5.72E-04	-3.38E-03	-1.86E-03
200	370940	3756836	Commercial	-8.04E-04	-1.86E-04	-3.66E-04	-7.79E-06	-7.57E-04	-1.32E-02	-1.19E-04	-5.02E-05	-5.26E-04	-3.05E-03	-1.67E-03
201	371032	3756832	Commercial	-7.03E-04	-1.62E-04	-3.20E-04	-6.82E-06	-6.61E-04	-1.15E-02	-1.03E-04	-4.39E-05	-4.60E-04	-2.66E-03	-1.46E-03
202	371056	3756809	Commercial	-6.70E-04	-1.56E-04	-3.09E-04	-6.47E-06	-6.34E-04	-1.09E-02	-1.02E-04	-4.20E-05	-4.36E-04	-2.55E-03	-1.40E-03
203	371058	3756782	Commercial	-6.58E-04	-1.55E-04	-3.07E-04	-6.33E-06	-6.26E-04	-1.07E-02	-1.04E-04	-4.14E-05	-4.27E-04	-2.52E-03	-1.39E-03
204	371034	3756805	Commercial	-7.04E-04	-1.63E-04	-3.21E-04	-6.81E-06	-6.63E-04	-1.15E-02	-1.04E-04	-4.40E-05	-4.60E-04	-2.67E-03	-1.46E-03
205	371146	3756803	Commercial	-5.70E-04	-1.44E-04	-2.87E-04	-5.33E-06	-5.61E-04	-9.09E-03	-1.10E-04	-3.69E-05	-3.59E-04	-2.25E-03	-1.26E-03
206	371259	3756800	Commercial	-5.00E-04	-1.36E-04	-2.72E-04	-4.54E-06	-5.11E-04	-7.79E-03	-1.16E-04	-3.33E-05	-3.06E-04	-2.04E-03	-1.17E-03
207	371371	3756798	Commercial	-4.42E-04	-1.27E-04	-2.56E-04	-3.91E-06	-4.66E-04	-6.76E-03	-1.17E-04	-3.02E-05	-2.64E-04	-1.86E-03	-1.08E-03
208	371484	3756795	Commercial	-4.21E-04	-1.22E-04	-2.47E-04	-3.70E-06	-4.46E-04	-6.40E-03	-1.14E-04	-2.89E-05	-2.49E-04	-1.78E-03	-1.04E-03
209	371595	3756793	Commercial	-4.14E-04	-1.19E-04	-2.40E-04	-3.66E-06	-4.36E-04	-6.32E-03	-1.10E-04	-2.83E-05	-2.46E-04	-1.74E-03	-1.01E-03
210	371706	3756791	Commercial	-4.02E-04	-1.14E-04	-2.31E-04	-3.57E-06	-4.21E-04	-6.16E-03	-1.04E-04	-2.73E-05	-2.40E-04	-1.68E-03	-9.77E-04
211	371818	3756788	Commercial	-3.69E-04	-1.05E-04	-2.13E-04	-3.27E-06	-3.88E-04	-5.65E-03	-9.68E-05	-2.52E-05	-2.20E-04	-1.55E-03	-9.01E-04
212	371932	3756786	Commercial	-3.35E-04	-9.65E-05	-1.95E-04	-2.96E-06	-3.54E-04	-5.11E-03	-8.95E-05	-2.29E-05	-1.99E-04	-1.41E-03	-8.23E-04
213	372046	3756783	Commercial	-3.01E-04	-8.96E-05	-1.82E-04	-2.61E-06	-3.24E-04	-4.54E-03	-8.65E-05	-2.09E-05	-1.76E-04	-1.29E-03	-7.59E-04
214	372161	3756780	Commercial	-2.75E-04	-8.39E-05	-1.70E-04	-2.36E-06	-3.00E-04	-4.12E-03	-8.30E-05	-1.93E-05	-1.59E-04	-1.19E-03	-7.07E-04
215	372275	3756778	Commercial	-2.53E-04	-7.86E-05	-1.60E-04	-2.14E-06	-2.79E-04	-3.75E-03	-7.96E-05	-1.79E-05	-1.45E-04	-1.11E-03	-6.60E-04
216	372385	3756776	Commercial	-2.34E-04	-7.40E-05	-1.51E-04	-1.96E-06	-2.60E-04	-3.44E-03	-7.64E-05	-1.67E-05	-1.32E-04	-1.03E-03	-6.19E-04
217	372494	3756773	Commercial	-2.17E-04	-7.00E-05	-1.43E-04	-1.81E-06	-2.44E-04	-3.18E-03	-7.34E-05	-1.56E-05	-1.22E-04	-9.70E-04	-5.83E-04
218	372604	3756771	Commercial	-2.03E-04	-6.63E-05	-1.35E-04	-1.67E-06	-2.30E-04	-2.94E-03	-7.06E-05	-1.47E-05	-1.13E-04	-9.12E-04	-5.50E-04
219	372714	3756768	Commercial	-1.89E-04	-6.28E-05	-1.29E-04	-1.55E-06	-2.17E-04	-2.73E-03	-6.79E-05	-1.38E-05	-1.04E-04	-8.59E-04	-5.21E-04
220	372738	3756742	Commercial	-1.91E-04	-6.36E-05	-1.30E-04	-1.55E-06	-2.19E-04	-2.74E-03	-6.91E-05	-1.39E-05	-1.04E-04	-8.68E-04	-5.27E-04
221	372733	3756647	Commercial	-1.88E-04	-6.41E-05	-1.31E-04	-1.51E-06	-2.18E-04	-2.68E-03	-7.09E-05	-1.39E-05	-1.02E-04	-8.66E-04	-5.28E-04
222	372820	3756574	Commercial	-1.72E-04	-5.95E-05	-1.22E-04	-1.37E-06	-2.02E-04	-2.43E-03	-6.68E-05	-1.28E-05	-9.21E-05	-7.98E-04	-4.89E-04
223	372844	3756548	Commercial	-1.69E-04	-5.84E-05	-1.20E-04	-1.35E-06	-1.98E-04	-2.40E-03	-6.54E-05	-1.26E-05	-9.09E-05	-7.85E-04	-4.81E-04
224	372839	3756454	Commercial	-1.85E-04	-5.96E-05	-1.22E-04	-1.54E-06	-2.08E-04	-2.71E-03	-6.26E-05	-1.33E-05	-1.04E-04	-8.27E-04	-4.97E-04
225	372821	3756363	Commercial	-1.76E-04	-5.84E-05	-1.20E-04	-1.43E-06	-2.01E-04	-2.54E-03	-6.32E-05	-1.28E-05	-9.67E-05	-7.99E-04	-4.84E-04
226	372796	3756343	Commercial	-1.81E-04	-6.02E-05	-1.23E-04	-1.47E-06	-2.07E-04	-2.60E-03	-6.52E-05	-1.32E-05	-9.93E-05	-8.22E-04	-4.98E-04
227	372731	3756328	Commercial	-1.90E-04	-6.31E-05	-1.29E-04	-1.55E-06	-2.18E-04	-2.74E-03	-6.83E-05	-1.39E-05	-1.05E-04	-8.63E-04	-5.23E-04
228	372707	3756352	Commercial	-1.91E-04	-6.31E-05	-1.29E-04	-1.57E-06	-2.18E-04	-2.76E-03	-6.79E-05	-1.39E-05	-1.06E-04	-8.65E-04	-5.24E-04
229	372928	3756344	Commercial	-1.63E-04	-5.50E-05	-1.13E-04	-1.31E-06	-1.88E-04	-2.33E-03	-6.04E-05	-1.20E-05	-8.85E-05	-7.46E-04	-4.54E-04
230	372952	3756319	Commercial	-1.55E-04	-5.37E-05	-1.10E-04	-1.23E-06	-1.82E-04	-2.19E-03	-6.03E-05	-1.15E-05	-8.31E-05	-7.20E-04	-4.41E-04
231	372951	3756245	Commercial	-1.48E-04	-5.32E-05	-1.10E-04	-1.14E-06	-1.77E-04	-2.05E-03	-6.17E-05	-1.12E-05	-7.69E-05	-7.01E-04	-4.34E-04
232	372927	3756270	Commercial	-1.54E-04	-5.45E-05	-1.12E-04	-1.21E-06	-1.83E-04	-2.16E-03	-6.23E-05	-1.16E-05	-8.14E-05	-7.24E-04	-4.46E-04
233	373033	3756268	Commercial	-1.36E-04	-4.97E-05	-1.03E-04	-1.04E-06	-1.65E-04	-1.87E-03	-5.84E-05	-1.04E-05	-7.01E-05	-6.51E-04	-4.05E-04
234	373139	3756266	Commercial	-1.20E-04	-4.55E-05	-9.40E-05	-8.95E-07	-1.49E-04	-1.62E-03	-5.49E-05	-9.35E-06	-6.03E-05	-5.87E-04	-3.68E-04
235	373245	3756264	Commercial	-1.06E-04	-4.17E-05	-8.64E-05	-7.68E-07	-1.34E-04	-1.41E-03	-5.16E-05	-8.42E-06	-5.18E-05	-5.30E-04	-3.35E-04
236	373351	3756262	Commercial	-9.40E-05	-3.83E-05	-7.96E-05	-6.59E-07	-1.22E-04	-1.22E-03	-4.86E-05	-7.60E-06	-4.44E-05	-4.79E-04	-3.06E-04
237	373457	3756261	Commercial	-8.62E-05	-3.58E-05	-7.43E-05	-5.95E-07	-1.13E-04	-1.10E-03	-4.58E-05	-7.03E-06	-4.01E-05	-4.44E-04	-2.85E-04
238	373482	3756235	Commercial	-8.80E-05	-3.59E-05	-7.46E-05	-6.16E-07	-1.14E-04	-1.14E-03	-4.56E-05	-7.12E-06	-4.15E-05	-4.49E-04	-2.87E-04
239	373480	3756123	Commercial	-1.04E-04	-3.91E-05	-8.07E-05	-7.86E-07	-1.28E-04	-1.42E-03	-4.67E-05	-8.08E-06	-5.30E-05	-5.07E-04	-3.17E-04
240	373479	3756010	Commercial	-1.11E-04	-3.99E-05	-8.23E-05	-8.56E-07	-1.33E-04	-1.54E-03	-4.64E-05	-8.41E-06	-5.77E-05	-5.26E-04	-3.26E-04
241	373477	3755897	Commercial	-1.06E-04	-3.84E-05	-7.91E-05	-8.14E-07	-1.28E-04	-1.46E-03	-4.48E-05	-8.07E-06	-5.49E-05	-5.05E-04	-3.13E-04
242	373476	3755785	Commercial	-1.31E-04	-4.11E-05	-8.37E-05	-1.10E-06	-1.45E-04	-1.93E-03	-4.21E-05	-9.31E-06	-7.44E-05	-5.77E-04	-3.44E-04
243	373474	3755672	Commercial	-1.29E-04	-3.96E-05	-8.05E-05	-1.10E-06	-1.41E-04	-1.93E-03	-3.95E-05	-9.09E-06	-7.44E-05	-5.62E-04	-3.33E-04
244	373473	3755559	Commercial	-8.76E-05	-3.40E-05	-7.03E-05	-6.41E-07	-1.10E-04	-1.17E-03	-4.16E-05	-6.90E-06	-4.32E-05	-4.34E-04	-2.74E-04
245	373447	3755535	Commercial	-9.42E-05	-3.55E-05	-7.33E-05	-7.05E-07	-1.16E-04	-1.28E-03	-4.26E-05	-7.31E-06	-4.76E-05	-4.59E-04	-2.87E-04
246	373334	3755539	Commercial	-1.01E-04	-3.79E-05	-7.83E-05	-7.57E-07	-1.24E-04	-1.37E-03	-4.55E-05	-7.83E-06	-5.10E-05	-4.91E-04	-3.07E-04
247	373221	3755544	Commercial	-1.07E-04	-4.04E-05	-8.35E-05	-8.04E-07	-1.32E-04	-1.46E-03	-4.85E-05	-8.33E-06	-5.42E-05	-5.23E-04	-3.27E-04
248	373197	3755568	Commercial	-1.05E-04	-4.02E-05	-8.32E-05	-7.71E-07	-1.31E-04	-1.40E-03	-4.90E-05	-8.21E-06	-5.20E-05	-5.16E-04	-3.25E-04
249	373196	3755636	Commercial	-1.06E-04	-4.01E-05	-8.29E-05	-7.93E-07	-1.31E-04	-1.44E-03	-4.83E-05	-8.26E-06	-5.35E-05	-5.19E-04	-3.25E-04
250	373194	3755705	Commercial	-1.26E-04	-4.27E-05	-8.75E-05	-1.01E-06	-1.46E-04	-1.80E-03	-4.71E-05	-9.28E-06	-6.83E-05	-5.78E-04	-3.52E-04
251	373220	3755680	Commercial	-1.17E-04	-4.11E-05	-8.44E-05	-9.15E-07	-1.38E-04	-1.63E-03	-4.68E-05	-8.75E-06	-6.17E-05	-5.47E-04	-3.36E-04
252	373135	3755679	Commercial	-1.20E-04	-4.29E-05	-8.83E-05	-9.29E-07	-1.43E-04	-1.66E-03	-4.95E-05	-9.07E-06	-6.26E-05	-5.67E-04	-3.50E-04
253	373160	3755704	Commercial	-1.25E-04	-4.31E-05	-8.84E-05	-9.91E-07	-1.46E-04	-1.76E-03	-4.82E-05	-9.27E-06	-6.69E-05	-5.78E-04	-3.54E-04
254	373158	3755635	Commercial	-1.08E-04	-4.10E-05	-8.47E-05	-8.02E-07	-1.34E-04	-1.46E-03	-4.95E-05	-8.41E-06	-5.41E-05	-5.28E-04	-3.31E-04
255	373156	3755566	Commercial	-1.08E-04	-4.13E-05	-8.54E-05	-7.95E-07	-1.34E-04	-1.44E-03	-5.02E-05	-8.44E-06	-5.36E-05	-5.30E-04	-3.33E-04
256	373132	3755542	Commercial	-1.13E-04	-4.25E-05	-8.78E-05	-8.46E-07	-1.39E-04	-1.53E-03	-5.10E-05	-8.77E-06	-5.70E-05	-5.50E-04	-3.44E-04
257	373055	3755538	Commercial	-1.18E-04	-4.43E-05	-9.15E-05	-8.79E-07	-1.45E-04	-1.59E-03	-5.32E-05	-9.13E-06	-5.93E-05	-5.73E-04	-3.59E-04

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

258	373079	3755562	Commercial	-1.13E-04	-4.32E-05	-8.94E-05	-8.34E-07	-1.41E-04	-1.52E-03	-5.25E-05	-8.84E-06	-5.63E-05	-5.55E-04	-3.49E-04
259	373077	3755465	Commercial	-1.20E-04	-4.42E-05	-9.11E-05	-9.19E-07	-1.46E-04	-1.65E-03	-5.20E-05	-9.22E-06	-6.19E-05	-5.78E-04	-3.59E-04
260	373075	3755368	Commercial	-1.24E-04	-4.44E-05	-9.13E-05	-9.67E-07	-1.48E-04	-1.73E-03	-5.11E-05	-9.39E-06	-6.52E-05	-5.87E-04	-3.63E-04
261	373073	3755271	Commercial	-1.21E-04	-4.29E-05	-8.82E-05	-9.41E-07	-1.44E-04	-1.68E-03	-4.92E-05	-9.10E-06	-6.34E-05	-5.69E-04	-3.51E-04
262	373071	3755174	Commercial	-1.06E-04	-3.77E-05	-7.76E-05	-8.24E-07	-1.26E-04	-1.47E-03	-4.34E-05	-7.99E-06	-5.56E-05	-5.00E-04	-3.08E-04
263	373046	3755149	Commercial	-1.08E-04	-3.71E-05	-7.62E-05	-8.66E-07	-1.26E-04	-1.54E-03	-4.13E-05	-8.03E-06	-5.84E-05	-5.01E-04	-3.06E-04
264	372939	3755150	Commercial	-1.32E-04	-4.17E-05	-8.50E-05	-1.11E-06	-1.47E-04	-1.95E-03	-4.30E-05	-9.42E-06	-7.49E-05	-5.84E-04	-3.49E-04
265	372832	3755151	Commercial	-1.46E-04	-4.42E-05	-8.98E-05	-1.26E-06	-1.59E-04	-2.20E-03	-4.34E-05	-1.02E-05	-8.50E-05	-6.32E-04	-3.74E-04
266	372725	3755152	Commercial	-1.55E-04	-4.53E-05	-9.17E-05	-1.36E-06	-1.65E-04	-2.36E-03	-4.27E-05	-1.07E-05	-9.17E-05	-6.58E-04	-3.85E-04
267	372623	3755157	Commercial	-1.64E-04	-4.63E-05	-9.33E-05	-1.46E-06	-1.71E-04	-2.52E-03	-4.18E-05	-1.11E-05	-9.85E-05	-6.83E-04	-3.96E-04
268	372527	3755158	Commercial	-1.75E-04	-4.96E-05	-1.00E-04	-1.56E-06	-1.83E-04	-2.69E-03	-4.51E-05	-1.19E-05	-1.05E-04	-7.32E-04	-4.25E-04
269	372431	3755159	Commercial	-2.01E-04	-5.86E-05	-1.19E-04	-1.77E-06	-2.14E-04	-3.06E-03	-5.51E-05	-1.38E-05	-1.19E-04	-8.53E-04	-4.99E-04
270	372334	3755160	Commercial	-2.09E-04	-6.31E-05	-1.28E-04	-1.80E-06	-2.27E-04	-3.14E-03	-6.19E-05	-1.46E-05	-1.22E-04	-9.03E-04	-5.33E-04
271	372237	3755161	Commercial	-2.12E-04	-6.64E-05	-1.35E-04	-1.79E-06	-2.34E-04	-3.13E-03	-6.79E-05	-1.50E-05	-1.20E-04	-9.32E-04	-5.56E-04
272	372139	3755161	Commercial	-2.17E-04	-7.01E-05	-1.43E-04	-1.80E-06	-2.44E-04	-3.17E-03	-7.37E-05	-1.56E-05	-1.22E-04	-9.71E-04	-5.84E-04
273	372040	3755162	Commercial	-2.35E-04	-7.53E-05	-1.54E-04	-1.96E-06	-2.64E-04	-3.45E-03	-7.85E-05	-1.69E-05	-1.32E-04	-1.05E-03	-6.28E-04
274	371941	3755163	Commercial	-2.54E-04	-7.94E-05	-1.62E-04	-2.14E-06	-2.81E-04	-3.75E-03	-8.09E-05	-1.80E-05	-1.45E-04	-1.12E-03	-6.65E-04
275	371843	3755164	Commercial	-2.70E-04	-8.19E-05	-1.66E-04	-2.32E-06	-2.93E-04	-4.03E-03	-8.09E-05	-1.89E-05	-1.56E-04	-1.17E-03	-6.91E-04
276	371748	3755165	Commercial	-2.51E-04	-7.93E-05	-1.62E-04	-2.10E-06	-2.79E-04	-3.69E-03	-8.18E-05	-1.79E-05	-1.42E-04	-1.11E-03	-6.63E-04
277	371653	3755165	Commercial	-2.67E-04	-8.51E-05	-1.74E-04	-2.23E-06	-2.98E-04	-3.91E-03	-8.85E-05	-1.91E-05	-1.50E-04	-1.19E-03	-7.11E-04
278	371558	3755166	Commercial	-3.00E-04	-9.19E-05	-1.87E-04	-2.56E-06	-3.28E-04	-4.47E-03	-9.15E-05	-2.11E-05	-1.73E-04	-1.30E-03	-7.73E-04
279	371463	3755167	Commercial	-3.27E-04	-9.72E-05	-1.97E-04	-2.83E-06	-3.51E-04	-4.92E-03	-9.38E-05	-2.27E-05	-1.91E-04	-1.40E-03	-8.23E-04
280	371359	3755168	Commercial	-3.51E-04	-1.02E-04	-2.07E-04	-3.08E-06	-3.73E-04	-5.33E-03	-9.61E-05	-2.41E-05	-2.08E-04	-1.49E-03	-8.70E-04
281	371256	3755169	Commercial	-3.03E-04	-8.98E-05	-1.82E-04	-2.63E-06	-3.25E-04	-4.57E-03	-8.63E-05	-2.10E-05	-1.77E-04	-1.29E-03	-7.61E-04
282	371152	3755170	Commercial	-3.46E-04	-1.02E-04	-2.06E-04	-3.02E-06	-3.70E-04	-5.24E-03	-9.70E-05	-2.39E-05	-2.04E-04	-1.47E-03	-8.65E-04
283	371049	3755171	Commercial	-3.80E-04	-1.09E-04	-2.20E-04	-3.36E-06	-4.00E-04	-5.80E-03	-1.00E-04	-2.59E-05	-2.26E-04	-1.59E-03	-9.28E-04
284	371024	3755197	Commercial	-3.87E-04	-1.10E-04	-2.23E-04	-3.43E-06	-4.06E-04	-5.92E-03	-1.01E-04	-2.63E-05	-2.31E-04	-1.62E-03	-9.42E-04
285	371028	3755273	Commercial	-4.04E-04	-1.15E-04	-2.33E-04	-3.57E-06	-4.25E-04	-6.18E-03	-1.06E-04	-2.75E-05	-2.41E-04	-1.69E-03	-9.86E-04
286	371031	3755350	Commercial	-4.07E-04	-1.17E-04	-2.37E-04	-3.59E-06	-4.29E-04	-6.21E-03	-1.08E-04	-2.78E-05	-2.42E-04	-1.71E-03	-9.99E-04
287	371020	3755376	Commercial	-4.11E-04	-1.18E-04	-2.39E-04	-3.63E-06	-4.33E-04	-6.27E-03	-1.09E-04	-2.81E-05	-2.45E-04	-1.73E-03	-1.01E-03
288	371018	3755470	Commercial	-3.80E-04	-1.12E-04	-2.26E-04	-3.32E-06	-4.06E-04	-5.76E-03	-1.06E-04	-2.62E-05	-2.24E-04	-1.62E-03	-9.48E-04
289	371017	3755556	Commercial	-3.86E-04	-1.12E-04	-2.26E-04	-3.39E-06	-4.09E-04	-5.87E-03	-1.05E-04	-2.65E-05	-2.28E-04	-1.63E-03	-9.53E-04
290	371040	3755532	Commercial	-3.95E-04	-1.14E-04	-2.30E-04	-3.48E-06	-4.18E-04	-6.03E-03	-1.06E-04	-2.71E-05	-2.35E-04	-1.67E-03	-9.72E-04
291	371026	3755420	Commercial	-3.95E-04	-1.15E-04	-2.32E-04	-3.47E-06	-4.20E-04	-6.01E-03	-1.08E-04	-2.72E-05	-2.34E-04	-1.67E-03	-9.78E-04
292	371016	3755399	Commercial	-4.07E-04	-1.18E-04	-2.38E-04	-3.59E-06	-4.31E-04	-6.21E-03	-1.09E-04	-2.79E-05	-2.42E-04	-1.72E-03	-1.00E-03
293	370916	3755327	Commercial	-4.27E-04	-1.23E-04	-2.49E-04	-3.76E-06	-4.51E-04	-6.51E-03	-1.15E-04	-2.92E-05	-2.54E-04	-1.80E-03	-1.05E-03
294	370816	3755255	Commercial	-4.20E-04	-1.20E-04	-2.42E-04	-3.72E-06	-4.41E-04	-6.44E-03	-1.10E-04	-2.86E-05	-2.51E-04	-1.76E-03	-1.02E-03
385	370885	3757751	Commercial	-4.13E-04	-1.23E-04	-2.49E-04	-3.59E-06	-4.44E-04	-6.24E-03	-1.18E-04	-2.87E-05	-2.42E-04	-1.77E-03	-1.04E-03
386	370907	3757702	Commercial	-3.89E-04	-1.18E-04	-2.39E-04	-3.35E-06	-4.22E-04	-5.83E-03	-1.16E-04	-2.72E-05	-2.26E-04	-1.68E-03	-9.93E-04
387	370945	3757670	Commercial	-3.57E-04	-1.09E-04	-2.21E-04	-3.06E-06	-3.89E-04	-5.34E-03	-1.08E-04	-2.51E-05	-2.07E-04	-1.55E-03	-9.18E-04
388	371046	3757668	Commercial	-4.42E-04	-1.27E-04	-2.57E-04	-3.90E-06	-4.67E-04	-6.75E-03	-1.18E-04	-3.03E-05	-2.63E-04	-1.86E-03	-1.09E-03
389	371046	3757585	Commercial	-4.09E-04	-1.21E-04	-2.46E-04	-3.55E-06	-4.38E-04	-6.17E-03	-1.16E-04	-2.83E-05	-2.40E-04	-1.75E-03	-1.03E-03
390	371122	3757584	Commercial	-3.94E-04	-1.15E-04	-2.32E-04	-3.45E-06	-4.19E-04	-5.99E-03	-1.08E-04	-2.71E-05	-2.33E-04	-1.67E-03	-9.77E-04
399	371970	3757842	Commercial	-2.56E-04	-8.17E-05	-1.67E-04	-2.13E-06	-2.86E-04	-3.74E-03	-8.52E-05	-1.83E-05	-1.44E-04	-1.14E-03	-6.82E-04
400	372023	3757843	Commercial	-2.56E-04	-8.02E-05	-1.63E-04	-2.16E-06	-2.83E-04	-3.78E-03	-8.20E-05	-1.82E-05	-1.46E-04	-1.13E-03	-6.72E-04
401	372020	3757552	Commercial	-2.86E-04	-8.75E-05	-1.78E-04	-2.45E-06	-3.12E-04	-4.27E-03	-8.71E-05	-2.01E-05	-1.65E-04	-1.24E-03	-7.37E-04
402	372002	3757140	Commercial	-3.17E-04	-9.40E-05	-1.91E-04	-2.76E-06	-3.40E-04	-4.80E-03	-9.02E-05	-2.20E-05	-1.86E-04	-1.36E-03	-7.97E-04
403	371514	3757136	Commercial	-4.17E-04	-1.22E-04	-2.48E-04	-3.65E-06	-4.45E-04	-6.32E-03	-1.16E-04	-2.88E-05	-2.46E-04	-1.77E-03	-1.04E-03
404	371035	3757133	Commercial	-5.34E-04	-1.35E-04	-2.69E-04	-5.00E-06	-5.26E-04	-8.53E-03	-1.03E-04	-3.46E-05	-3.37E-04	-2.11E-03	-1.19E-03
405	371034	3757085	Commercial	-5.64E-04	-1.41E-04	-2.82E-04	-5.29E-06	-5.53E-04	-9.02E-03	-1.07E-04	-3.64E-05	-3.57E-04	-2.22E-03	-1.24E-03
406	370764	3757087	Commercial	-5.61E-04	-1.39E-04	-2.78E-04	-5.28E-06	-5.48E-04	-8.99E-03	-1.04E-04	-3.61E-05	-3.56E-04	-2.20E-03	-1.23E-03
407	370754	3756818	Commercial	-9.06E-04	-2.14E-04	-4.24E-04	-8.70E-06	-8.63E-04	-1.47E-02	-1.45E-04	-5.71E-05	-5.87E-04	-3.47E-03	-1.91E-03
408	371031	3756807	Commercial	-7.09E-04	-1.63E-04	-3.22E-04	-6.87E-06	-6.66E-04	-1.16E-02	-1.04E-04	-4.42E-05	-4.63E-04	-2.68E-03	-1.47E-03
409	371033	3756780	Commercial	-6.92E-04	-1.62E-04	-3.20E-04	-6.66E-06	-6.55E-04	-1.13E-02	-1.07E-04	-4.34E-05	-4.49E-04	-2.64E-03	-1.45E-03
410	371483	3756770	Commercial	-4.15E-04	-1.19E-04	-2.41E-04	-3.67E-06	-4.38E-04	-6.35E-03	-1.10E-04	-2.84E-05	-2.47E-04	-1.75E-03	-1.02E-03
411	371817	3756763	Commercial	-3.76E-04	-1.07E-04	-2.17E-04	-3.33E-06	-3.95E-04	-5.76E-03	-9.83E-05	-2.56E-05	-2.25E-04	-1.58E-03	-9.17E-04
412	372274	3756753	Commercial	-2.59E-04	-8.11E-05	-1.65E-04	-2.18E-06	-2.87E-04	-3.82E-03	-8.28E-05	-1.84E-05	-1.47E-04	-1.14E-03	-6.80E-04
413	372713	3756743	Commercial	-1.94E-04	-6.45E-05	-1.32E-04	-1.58E-06	-2.22E-04	-2.80E-03	-6.99E-05	-1.42E-05	-1.07E-04	-8.82E-04	-5.35E-04
414	372703	3756553	Commercial	-2.02E-04	-6.65E-05	-1.36E-04	-1.66E-06	-2.30E-04	-2.93E-03	-7.12E-05	-1.47E-05	-1.12E-04	-9.13E-04	-5.52E-04
415	372819	3756549	Commercial	-1.75E-04	-5.98E-05	-1.23E-04	-1.40E-06	-2.03E-04	-2.49E-03	-6.64E-05	-1.29E-05	-9.44E-05	-8.06E-04	-4.92E-04
416	372814	3756455	Commercial	-1.91E-04	-6.09E-05	-1.24E-04	-1.59E-06	-2.13E-04	-2.79E-03	-6.35E-05	-1.37E-05	-1.07E-04	-8.48E-04	-5.09E-04
417	372797	3756368	Commercial	-1.78E-04	-5.91E-05	-1.21E-04	-1.46E-06	-2.04E-04	-2.57E-03	-6.37E-05	-1.30E-05	-9.83E-05	-8.09E-04	-4.90E-04
418	372705	3756372	Commercial	-1.90E-04	-6.23E-05	-1.27E-04	-1.56E-06	-2.16E-04	-2.75E-03	-6.67E-05	-1.38E-05	-1.05E-04	-8.56E-04	-5.17E-04
419	372706	3756327	Commercial	-1.94E-04	-6.42E-05	-1.31E-04	-1.58E-06	-2.21E-04	-2.79E-03	-6.92E-05	-1.41E-05	-1.07E-04	-8.78E-04	-5.32E-04
420	372927	3756319	Commercial	-1.59E-04	-5.48E-05	-1.13E-04	-1.27E-06	-1.86E-04	-2.26E-03	-6.12E-05	-1.18E-05	-8.58E-05	-7.38E-04	-4.51E-04
421	372926	3756245	Commercial	-1.52E-04	-5.44E-05	-1.12E-04	-1.18E-06	-1.82E-04	-2.12E-03	-6.27E-05	-1.15E-05	-7.98E-05	-7.19E-04	-4.44E-04
422	373457	3756236	Commercial	-8.84E-05	-3.63E-05	-7.54E-05	-6.15E-07	-1.15E-04	-1.14E-03	-4.62E-05	-7.17E-06	-4.15E-05	-4.53E-04	-2.90E-04
423	373448	3755560	Commercial	-8.92E-05	-3.45E-05	-7.14E-05	-6.54E-07	-1.12E-04	-1.19E-03	-4.23E-05	-7.02E-06	-4.41E-05	-4.41E-04	-2.78E-04
424	373222	3755569	Commercial	-1.03E-04	-3.96E-05	-8.19E-05	-7.57E-07	-1.29E-04	-1.38E-03	-4.83E-05	-8.08E-06	-5.11E-05	-5.08E-04	-3.19E-04
425	373219	3755705	Commercial	-1.28E-04	-4.26E-05	-8.72E-05	-1.04E-06	-1.47E-04	-1.84E-03	-4.62E-05	-9.34E-06	-7.01E-05	-5.81E-04	-3.53E-04
426	373135	3755704	Commercial	-1.26E-04	-4.37E-05	-8.97E-05	-1.00E-06	-1.48E-04	-1.78E-03	-4.91E-05	-9.39E-06	-6.75E-05	-5.86E-04	-3.59E-04
427	373131	3755567	Commercial	-1.09E-04	-4.19E-05	-8.66E-05	-8.05E-07	-1.36E-04	-1.46E-03	-5.10E-05	-8.55E-06	-5.43E-05	-5.37E-04	-3.38E-04
428	373054	3755563	Commercial	-1.14E-04	-4.38E-05	-9.06E-05	-8.43E-07	-1.43E-04	-1.53E-03	-5.33E-05	-8.95E-06	-5.69E-05	-5.62E-04	-3.54E-04
429	373046	3755174	Commercial	-1.06E-04	-3.77E-05	-7.75E-05	-8.32E-07	-1.26E-04	-1.49E-03	-4.31E-05	-8.01E-06	-5.61E-05	-5.00E-04	-3.08E-04
430	372725	3755177	Commercial	-1.56E-04	-4.61E-05	-9.33E-05	-1.36E-06	-1.67E-04	-2.36E-03	-4.40E-05	-1.08E-05	-9.18E-05	-6.66E-04	-3.91E-04

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

431	372624	3755182	Commercial	-1.65E-04	-4.72E-05	-9.52E-05	-1.46E-06	-1.74E-04	-2.53E-03	-4.33E-05	-1.13E-05	-9.87E-05	-6.93E-04	-4.03E-04
432	372238	3755186	Commercial	-2.19E-04	-6.74E-05	-1.37E-04	-1.87E-06	-2.40E-04	-3.27E-03	-6.73E-05	-1.54E-05	-1.26E-04	-9.55E-04	-5.67E-04
433	371843	3755189	Commercial	-2.73E-04	-8.32E-05	-1.69E-04	-2.33E-06	-2.97E-04	-4.07E-03	-8.26E-05	-1.91E-05	-1.57E-04	-1.18E-03	-7.01E-04
434	371463	3755192	Commercial	-3.28E-04	-9.76E-05	-1.98E-04	-2.85E-06	-3.53E-04	-4.95E-03	-9.41E-05	-2.28E-05	-1.92E-04	-1.40E-03	-8.26E-04
435	371049	3755196	Commercial	-3.86E-04	-1.11E-04	-2.23E-04	-3.41E-06	-4.06E-04	-5.90E-03	-1.02E-04	-2.63E-05	-2.30E-04	-1.62E-03	-9.44E-04
436	371056	3755349	Commercial	-3.93E-04	-1.14E-04	-2.30E-04	-3.46E-06	-4.16E-04	-5.98E-03	-1.06E-04	-2.69E-05	-2.33E-04	-1.66E-03	-9.69E-04
437	371043	3755384	Commercial	-3.97E-04	-1.15E-04	-2.32E-04	-3.50E-06	-4.21E-04	-6.06E-03	-1.07E-04	-2.72E-05	-2.36E-04	-1.68E-03	-9.80E-04
438	371042	3755556	Commercial	-4.24E-04	-1.21E-04	-2.45E-04	-3.76E-06	-4.46E-04	-6.49E-03	-1.11E-04	-2.89E-05	-2.53E-04	-1.78E-03	-1.04E-03
439	370996	3755560	Commercial	-3.66E-04	-1.07E-04	-2.17E-04	-3.21E-06	-3.90E-04	-5.56E-03	-1.02E-04	-2.52E-05	-2.16E-04	-1.56E-03	-9.12E-04
440	371001	3755419	Commercial	-4.09E-04	-1.18E-04	-2.39E-04	-3.60E-06	-4.32E-04	-6.23E-03	-1.10E-04	-2.80E-05	-2.43E-04	-1.72E-03	-1.01E-03
441	370801	3755276	Commercial	-4.28E-04	-1.21E-04	-2.44E-04	-3.81E-06	-4.47E-04	-6.58E-03	-1.10E-04	-2.90E-05	-2.57E-04	-1.79E-03	-1.04E-03
1	372249	3757612	Residence	-2.36E-04	-7.33E-05	-1.49E-04	-2.00E-06	-2.60E-04	-3.49E-03	-7.42E-05	-1.67E-05	-1.35E-04	-1.03E-03	-6.15E-04
2	372499	3757612	Residence	-2.13E-04	-6.62E-05	-1.35E-04	-1.81E-06	-2.35E-04	-3.16E-03	-6.71E-05	-1.51E-05	-1.22E-04	-9.33E-04	-5.56E-04
3	372249	3757862	Residence	-2.22E-04	-7.16E-05	-1.46E-04	-1.84E-06	-2.50E-04	-3.24E-03	-7.52E-05	-1.60E-05	-1.24E-04	-9.92E-04	-5.96E-04
4	372499	3757862	Residence	-1.85E-04	-6.22E-05	-1.27E-04	-1.50E-06	-2.13E-04	-2.66E-03	-6.79E-05	-1.36E-05	-1.01E-04	-8.46E-04	-5.14E-04
5	372249	3758112	Residence	-1.90E-04	-6.47E-05	-1.33E-04	-1.52E-06	-2.20E-04	-2.71E-03	-7.15E-05	-1.40E-05	-1.03E-04	-8.74E-04	-5.33E-04
6	372499	3758112	Residence	-1.60E-04	-5.42E-05	-1.11E-04	-1.29E-06	-1.85E-04	-2.29E-03	-5.97E-05	-1.18E-05	-8.69E-05	-7.34E-04	-4.47E-04
7	372249	3758362	Residence	-1.87E-04	-6.17E-05	-1.26E-04	-1.54E-06	-2.13E-04	-2.71E-03	-6.62E-05	-1.36E-05	-1.04E-04	-8.46E-04	-5.12E-04
8	372499	3758362	Residence	-1.28E-04	-4.88E-05	-1.01E-04	-9.54E-07	-1.59E-04	-1.73E-03	-5.89E-05	-1.00E-05	-6.43E-05	-6.28E-04	-3.94E-04
9	373793	3755335	Residence	-1.05E-04	-3.43E-05	-7.01E-05	-8.64E-07	-1.19E-04	-1.52E-03	-3.66E-05	-7.61E-06	-5.83E-05	-4.73E-04	-2.85E-04
10	374093	3755335	Residence	-8.80E-05	-2.91E-05	-5.96E-05	-7.19E-07	-1.01E-04	-1.27E-03	-3.14E-05	-6.41E-06	-4.85E-05	-3.99E-04	-2.41E-04
11	373793	3755710	Residence	-1.07E-04	-3.45E-05	-7.04E-05	-8.87E-07	-1.20E-04	-1.56E-03	-3.63E-05	-7.70E-06	-5.98E-05	-4.78E-04	-2.87E-04
12	374093	3755710	Residence	-9.80E-05	-3.15E-05	-6.42E-05	-8.15E-07	-1.10E-04	-1.43E-03	-3.30E-05	-7.04E-06	-5.49E-05	-4.37E-04	-2.62E-04
13	373793	3756085	Residence	-1.03E-04	-3.58E-05	-7.34E-05	-8.22E-07	-1.21E-04	-1.46E-03	-4.01E-05	-7.70E-06	-5.54E-05	-4.80E-04	-2.94E-04
14	374093	3756085	Residence	-9.80E-05	-3.24E-05	-6.62E-05	-8.01E-07	-1.12E-04	-1.41E-03	-3.49E-05	-7.14E-06	-5.40E-05	-4.44E-04	-2.69E-04
15	373793	3756460	Residence	-1.13E-04	-3.68E-05	-7.52E-05	-9.29E-07	-1.28E-04	-1.64E-03	-3.92E-05	-8.16E-06	-6.26E-05	-5.07E-04	-3.06E-04
16	374093	3756460	Residence	-1.11E-04	-3.43E-05	-6.97E-05	-9.47E-07	-1.22E-04	-1.65E-03	-3.44E-05	-7.85E-06	-6.39E-05	-4.85E-04	-2.88E-04
17	373793	3756835	Residence	-9.63E-05	-3.40E-05	-7.00E-05	-7.55E-07	-1.14E-04	-1.35E-03	-3.89E-05	-7.24E-06	-5.09E-05	-4.53E-04	-2.79E-04
18	374093	3756835	Residence	-9.74E-05	-3.20E-05	-6.54E-05	-8.00E-07	-1.11E-04	-1.41E-03	-3.42E-05	-7.07E-06	-5.39E-05	-4.39E-04	-2.66E-04
19	373793	3757210	Residence	-1.14E-04	-3.64E-05	-7.43E-05	-9.54E-07	-1.28E-04	-1.68E-03	-3.79E-05	-8.18E-06	-6.43E-05	-5.07E-04	-3.04E-04
20	374093	3757210	Residence	-1.10E-04	-3.35E-05	-6.80E-05	-9.49E-07	-1.20E-04	-1.65E-03	-3.30E-05	-7.73E-06	-6.40E-05	-4.78E-04	-2.83E-04
21	373793	3757585	Residence	-1.03E-04	-3.21E-05	-6.53E-05	-8.78E-07	-1.14E-04	-1.54E-03	-3.24E-05	-7.32E-06	-5.92E-05	-4.53E-04	-2.70E-04
22	374093	3757585	Residence	-1.02E-04	-3.05E-05	-6.19E-05	-8.81E-07	-1.10E-04	-1.53E-03	-2.97E-05	-7.09E-06	-5.94E-05	-4.38E-04	-2.58E-04
23	373793	3757960	Residence	-1.11E-04	-3.54E-05	-7.22E-05	-9.23E-07	-1.24E-04	-1.62E-03	-3.69E-05	-7.94E-06	-6.22E-05	-4.92E-04	-2.95E-04
24	374093	3757960	Residence	-1.09E-04	-3.30E-05	-6.69E-05	-9.33E-07	-1.18E-04	-1.63E-03	-3.25E-05	-7.61E-06	-6.29E-05	-4.70E-04	-2.78E-04
25	373793	3758335	Residence	-9.79E-05	-3.08E-05	-6.27E-05	-8.25E-07	-1.09E-04	-1.45E-03	-3.15E-05	-6.97E-06	-5.56E-05	-4.32E-04	-2.58E-04
26	374093	3758335	Residence	-9.40E-05	-2.93E-05	-5.95E-05	-7.96E-07	-1.04E-04	-1.39E-03	-2.97E-05	-6.66E-06	-5.37E-05	-4.12E-04	-2.46E-04
27	373793	3758710	Residence	-1.09E-04	-3.29E-05	-6.68E-05	-9.39E-07	-1.18E-04	-1.63E-03	-3.23E-05	-7.61E-06	-6.33E-05	-4.70E-04	-2.78E-04
28	374093	3758710	Residence	-1.03E-04	-3.01E-05	-6.10E-05	-9.01E-07	-1.10E-04	-1.56E-03	-2.85E-05	-7.09E-06	-6.07E-05	-4.37E-04	-2.56E-04
30	367278	3755614	Residence	-1.16E-04	-4.24E-05	-8.74E-05	-8.91E-07	-1.41E-04	-1.60E-03	-4.97E-05	-8.89E-06	-6.01E-05	-5.56E-04	-3.45E-04
31	367231	3755722	Residence	-1.20E-04	-4.28E-05	-8.80E-05	-9.28E-07	-1.43E-04	-1.66E-03	-4.94E-05	-9.05E-06	-6.26E-05	-5.66E-04	-3.49E-04
32	367185	3755830	Residence	-1.20E-04	-4.25E-05	-8.75E-05	-9.39E-07	-1.43E-04	-1.68E-03	-4.87E-05	-9.04E-06	-6.33E-05	-5.65E-04	-3.48E-04
33	367138	3755938	Residence	-1.25E-04	-4.31E-05	-8.83E-05	-9.99E-07	-1.46E-04	-1.78E-03	-4.80E-05	-9.29E-06	-6.74E-05	-5.79E-04	-3.54E-04
34	367091	3756047	Residence	-1.24E-04	-4.28E-05	-8.77E-05	-9.90E-07	-1.45E-04	-1.76E-03	-4.77E-05	-9.22E-06	-6.68E-05	-5.75E-04	-3.52E-04
35	367048	3756147	Residence	-1.18E-04	-4.13E-05	-8.49E-05	-9.25E-07	-1.39E-04	-1.65E-03	-4.70E-05	-8.82E-06	-6.23E-05	-5.51E-04	-3.39E-04
36	367005	3756247	Residence	-1.16E-04	-4.07E-05	-8.37E-05	-9.08E-07	-1.37E-04	-1.62E-03	-4.64E-05	-8.69E-06	-6.12E-05	-5.42E-04	-3.34E-04
37	366962	3756348	Residence	-1.20E-04	-4.15E-05	-8.51E-05	-9.59E-07	-1.41E-04	-1.71E-03	-4.63E-05	-8.94E-06	-6.47E-05	-5.58E-04	-3.41E-04
38	366918	3756450	Residence	-1.27E-04	-4.21E-05	-8.60E-05	-1.03E-06	-1.45E-04	-1.82E-03	-4.55E-05	-9.24E-06	-6.95E-05	-5.75E-04	-3.48E-04
39	366874	3756551	Residence	-1.21E-04	-4.03E-05	-8.25E-05	-9.85E-07	-1.39E-04	-1.74E-03	-4.37E-05	-8.85E-06	-6.64E-05	-5.50E-04	-3.34E-04
40	366830	3756653	Residence	-1.19E-04	-3.91E-05	-7.99E-05	-9.80E-07	-1.35E-04	-1.73E-03	-4.18E-05	-8.65E-06	-6.61E-05	-5.37E-04	-3.25E-04
41	366840	3756685	Residence	-1.17E-04	-3.88E-05	-7.93E-05	-9.56E-07	-1.34E-04	-1.69E-03	-4.19E-05	-8.53E-06	-6.44E-05	-5.31E-04	-3.21E-04
42	366890	3756714	Residence	-1.14E-04	-3.87E-05	-7.94E-05	-9.19E-07	-1.32E-04	-1.63E-03	-4.27E-05	-8.42E-06	-6.19E-05	-5.24E-04	-3.19E-04
43	366879	3756683	Residence	-1.17E-04	-3.92E-05	-8.02E-05	-9.52E-07	-1.35E-04	-1.68E-03	-4.27E-05	-8.58E-06	-6.42E-05	-5.34E-04	-3.24E-04
44	366852	3756751	Residence	-1.19E-04	-3.97E-05	-8.13E-05	-9.68E-07	-1.37E-04	-1.71E-03	-4.31E-05	-8.71E-06	-6.52E-05	-5.42E-04	-3.29E-04
45	366884	3756737	Residence	-1.13E-04	-3.88E-05	-7.95E-05	-9.09E-07	-1.32E-04	-1.61E-03	-4.31E-05	-8.40E-06	-6.13E-05	-5.23E-04	-3.20E-04
46	366821	3756715	Residence	-1.14E-04	-3.80E-05	-7.79E-05	-9.28E-07	-1.31E-04	-1.64E-03	-4.13E-05	-8.34E-06	-6.26E-05	-5.19E-04	-3.15E-04
47	366790	3756728	Residence	-1.13E-04	-3.75E-05	-7.67E-05	-9.17E-07	-1.29E-04	-1.62E-03	-4.06E-05	-8.23E-06	-6.18E-05	-5.12E-04	-3.10E-04
48	366745	3756823	Residence	-1.26E-04	-4.03E-05	-8.21E-05	-1.05E-06	-1.41E-04	-1.84E-03	-4.21E-05	-9.02E-06	-7.06E-05	-5.59E-04	-3.36E-04
49	366700	3756919	Residence	-1.22E-04	-3.93E-05	-8.02E-05	-1.02E-06	-1.37E-04	-1.79E-03	-4.12E-05	-8.78E-06	-6.85E-05	-5.45E-04	-3.27E-04
50	366655	3757014	Residence	-1.15E-04	-3.74E-05	-7.64E-05	-9.55E-07	-1.30E-04	-1.68E-03	-3.96E-05	-8.33E-06	-6.44E-05	-5.17E-04	-3.12E-04
51	366608	3757113	Residence	-1.22E-04	-3.80E-05	-7.74E-05	-1.03E-06	-1.34E-04	-1.80E-03	-3.87E-05	-8.63E-06	-6.93E-05	-5.35E-04	-3.19E-04
52	366561	3757212	Residence	-1.23E-04	-3.79E-05	-7.69E-05	-1.05E-06	-1.35E-04	-1.83E-03	-3.78E-05	-8.67E-06	-7.09E-05	-5.37E-04	-3.18E-04
53	366514	3757311	Residence	-1.21E-04	-3.71E-05	-7.53E-05	-1.03E-06	-1.32E-04	-1.80E-03	-3.70E-05	-8.50E-06	-6.96E-05	-5.26E-04	-3.12E-04
54	366464	3757416	Residence	-1.22E-04	-3.66E-05	-7.43E-05	-1.05E-06	-1.32E-04	-1.82E-03	-3.59E-05	-8.48E-06	-7.06E-05	-5.24E-04	-3.09E-04
55	366415	3757520	Residence	-1.20E-04	-3.61E-05	-7.33E-05	-1.04E-06	-1.30E-04	-1.81E-03	-3.52E-05	-8.38E-06	-7.00E-05	-5.18E-04	-3.05E-04
56	366434	3757556	Residence	-1.18E-04	-3.58E-05	-7.28E-05	-1.02E-06	-1.28E-04	-1.77E-03	-3.53E-05	-8.27E-06	-6.85E-05	-5.11E-04	-3.02E-04
57	366484	3757562	Residence	-1.18E-04	-3.62E-05	-7.35E-05	-1.01E-06	-1.29E-04	-1.77E-03	-3.59E-05	-8.32E-06	-6.84E-05	-5.14E-04	-3.05E-04
58	366567	3757525	Residence	-1.20E-04	-3.70E-05	-7.53E-05	-1.02E-06	-1.31E-04	-1.78E-03	-3.73E-05	-8.45E-06	-6.85E-05	-5.23E-04	-3.11E-04
59	366621	3757539	Residence	-1.22E-04	-3.77E-05	-7.66E-05	-1.03E-06	-1.34E-04	-1.81E-03	-3.80E-05	-8.60E-06	-6.97E-05	-5.32E-04	-3.16E-04
60	366646	3757556	Residence	-1.24E-04	-3.83E-05	-7.78E-05	-1.05E-06	-1.36E-04	-1.84E-03	-3.85E-05	-8.74E-06	-7.11E-05	-5.41E-04	-3.22E-04
61	366713	3757550	Residence	-1.24E-04	-3.89E-05	-7.91E-05	-1.05E-06	-1.37E-04	-1.84E-03	-3.96E-05	-8.83E-06	-7.09E-05	-5.47E-04	-3.26E-04
62	366779	3757545	Residence	-1.25E-04	-3.95E-05	-8.05E-05	-1.05E-06	-1.39E-04	-1.84E-03	-4.07E-05	-8.90E-06	-7.06E-05	-5.52E-04	-3.30E-04
63	366839	3757583	Residence	-1.22E-04	-3.94E-05	-8.05E-05	-1.01E-06	-1.37E-04	-1.78E-03	-4.15E-05	-8.80E-06	-6.83E-05	-5.46E-04	-3.28E-04
64	366913	3757623	Residence	-1.26E-04	-4.04E-05	-8.24E-05	-1.05E-06	-1.41E-04	-1.85E-03	-4.22E-05	-9.05E-06	-7.08E-05	-5.61E-04	-3.37E-04
65	366986	3757664	Residence	-1.27E-04	-4.11E-05	-8.38E-05	-1.06E-06	-1.43E-04	-1.86E-03	-4.32E-05	-9.16E-06	-7.12E-05	-5.69E-04	-3.42E-04

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

66	367074	3757713	Residence	-1.24E-04	-4.12E-05	-8.42E-05	-1.01E-06	-1.42E-04	-1.79E-03	-4.44E-05	-9.06E-06	-6.84E-05	-5.63E-04	-3.41E-04
67	367162	3757761	Residence	-1.27E-04	-4.21E-05	-8.62E-05	-1.04E-06	-1.45E-04	-1.83E-03	-4.55E-05	-9.26E-06	-6.98E-05	-5.76E-04	-3.49E-04
68	367300	3757718	Residence	-1.27E-04	-4.37E-05	-8.97E-05	-1.01E-06	-1.48E-04	-1.80E-03	-4.88E-05	-9.43E-06	-6.83E-05	-5.88E-04	-3.60E-04
69	367385	3757734	Residence	-1.22E-04	-4.37E-05	-8.99E-05	-9.48E-07	-1.46E-04	-1.70E-03	-5.04E-05	-9.24E-06	-6.39E-05	-5.77E-04	-3.57E-04
70	367398	3757758	Residence	-1.18E-04	-4.30E-05	-8.86E-05	-9.05E-07	-1.43E-04	-1.63E-03	-5.03E-05	-9.01E-06	-6.10E-05	-5.64E-04	-3.50E-04
71	367506	3757818	Residence	-1.27E-04	-4.61E-05	-9.50E-05	-9.72E-07	-1.53E-04	-1.75E-03	-5.39E-05	-9.66E-06	-6.56E-05	-6.05E-04	-3.75E-04
72	367533	3757826	Residence	-1.24E-04	-4.60E-05	-9.48E-05	-9.45E-07	-1.52E-04	-1.70E-03	-5.44E-05	-9.57E-06	-6.37E-05	-5.99E-04	-3.73E-04
73	367561	3757814	Residence	-1.24E-04	-4.64E-05	-9.57E-05	-9.38E-07	-1.52E-04	-1.69E-03	-5.52E-05	-9.61E-06	-6.33E-05	-6.02E-04	-3.76E-04
78	367786	3757842	Residence	-1.38E-04	-5.12E-05	-1.06E-04	-1.04E-06	-1.68E-04	-1.88E-03	-6.08E-05	-1.06E-05	-7.01E-05	-6.65E-04	-4.15E-04
79	367782	3757935	Residence	-1.30E-04	-4.94E-05	-1.02E-04	-9.62E-07	-1.61E-04	-1.75E-03	-5.98E-05	-1.01E-05	-6.49E-05	-6.36E-04	-3.99E-04
80	367752	3757969	Residence	-1.28E-04	-4.85E-05	-1.00E-04	-9.56E-07	-1.59E-04	-1.73E-03	-5.84E-05	-9.98E-06	-6.45E-05	-6.26E-04	-3.92E-04
81	367775	3758021	Residence	-1.26E-04	-4.78E-05	-9.89E-05	-9.41E-07	-1.56E-04	-1.71E-03	-5.77E-05	-9.83E-06	-6.34E-05	-6.17E-04	-3.87E-04
82	367808	3758034	Residence	-1.33E-04	-4.90E-05	-1.01E-04	-1.01E-06	-1.62E-04	-1.82E-03	-5.79E-05	-1.02E-05	-6.81E-05	-6.39E-04	-3.98E-04
83	367866	3758009	Residence	-1.44E-04	-5.17E-05	-1.06E-04	-1.12E-06	-1.73E-04	-2.01E-03	-5.97E-05	-1.09E-05	-7.55E-05	-6.83E-04	-4.22E-04
84	367924	3757985	Residence	-1.56E-04	-5.45E-05	-1.12E-04	-1.23E-06	-1.84E-04	-2.20E-03	-6.16E-05	-1.17E-05	-8.32E-05	-7.28E-04	-4.47E-04
85	367938	3757954	Residence	-1.59E-04	-5.57E-05	-1.14E-04	-1.26E-06	-1.88E-04	-2.24E-03	-6.30E-05	-1.19E-05	-8.47E-05	-7.44E-04	-4.57E-04
86	367928	3757923	Residence	-1.57E-04	-5.57E-05	-1.15E-04	-1.23E-06	-1.87E-04	-2.19E-03	-6.39E-05	-1.18E-05	-8.27E-05	-7.40E-04	-4.56E-04
87	367915	3757953	Residence	-1.54E-04	-5.46E-05	-1.12E-04	-1.20E-06	-1.83E-04	-2.15E-03	-6.26E-05	-1.16E-05	-8.11E-05	-7.25E-04	-4.47E-04
88	368017	3757908	Residence	-1.77E-04	-6.02E-05	-1.23E-04	-1.43E-06	-2.06E-04	-2.53E-03	-6.64E-05	-1.31E-05	-9.62E-05	-8.15E-04	-4.97E-04
89	368119	3757863	Residence	-2.04E-04	-6.64E-05	-1.36E-04	-1.68E-06	-2.31E-04	-2.96E-03	-7.05E-05	-1.47E-05	-1.13E-04	-9.16E-04	-5.52E-04
90	368180	3757839	Residence	-2.19E-04	-7.00E-05	-1.43E-04	-1.83E-06	-2.45E-04	-3.22E-03	-7.28E-05	-1.57E-05	-1.23E-04	-9.74E-04	-5.84E-04
91	368242	3757814	Residence	-2.35E-04	-7.36E-05	-1.50E-04	-1.99E-06	-2.60E-04	-3.47E-03	-7.51E-05	-1.67E-05	-1.34E-04	-1.03E-03	-6.17E-04
92	368318	3757785	Residence	-2.54E-04	-7.79E-05	-1.58E-04	-2.17E-06	-2.78E-04	-3.79E-03	-7.77E-05	-1.79E-05	-1.46E-04	-1.11E-03	-6.56E-04
93	368407	3757788	Residence	-2.63E-04	-7.91E-05	-1.61E-04	-2.27E-06	-2.84E-04	-3.94E-03	-7.74E-05	-1.83E-05	-1.53E-04	-1.13E-03	-6.68E-04
94	368505	3757789	Residence	-2.78E-04	-8.57E-05	-1.74E-04	-2.37E-06	-3.05E-04	-4.14E-03	-8.59E-05	-1.96E-05	-1.60E-04	-1.21E-03	-7.20E-04
95	368603	3757790	Residence	-2.83E-04	-8.95E-05	-1.82E-04	-2.37E-06	-3.15E-04	-4.16E-03	-9.24E-05	-2.02E-05	-1.60E-04	-1.25E-03	-7.48E-04
96	368628	3757765	Residence	-2.95E-04	-9.23E-05	-1.88E-04	-2.49E-06	-3.26E-04	-4.36E-03	-9.41E-05	-2.09E-05	-1.68E-04	-1.30E-03	-7.74E-04
97	368676	3757781	Residence	-2.93E-04	-9.18E-05	-1.87E-04	-2.47E-06	-3.24E-04	-4.33E-03	-9.36E-05	-2.08E-05	-1.67E-04	-1.29E-03	-7.69E-04
98	368759	3757821	Residence	-3.11E-04	-9.27E-05	-1.88E-04	-2.70E-06	-3.35E-04	-4.69E-03	-8.96E-05	-2.16E-05	-1.82E-04	-1.33E-03	-7.85E-04
99	368839	3757872	Residence	-3.21E-04	-9.27E-05	-1.87E-04	-2.83E-06	-3.39E-04	-4.89E-03	-8.63E-05	-2.20E-05	-1.91E-04	-1.35E-03	-7.90E-04
100	368921	3757924	Residence	-3.03E-04	-9.41E-05	-1.91E-04	-2.57E-06	-3.34E-04	-4.50E-03	-9.51E-05	-2.14E-05	-1.73E-04	-1.33E-03	-7.90E-04
101	369004	3757976	Residence	-3.32E-04	-1.01E-04	-2.05E-04	-2.84E-06	-3.61E-04	-4.96E-03	-9.97E-05	-2.32E-05	-1.92E-04	-1.44E-03	-8.50E-04
102	369038	3757969	Residence	-3.47E-04	-1.04E-04	-2.10E-04	-3.01E-06	-3.74E-04	-5.23E-03	-1.00E-04	-2.41E-05	-2.03E-04	-1.49E-03	-8.77E-04
103	369101	3757878	Residence	-3.67E-04	-1.10E-04	-2.22E-04	-3.18E-06	-3.96E-04	-5.53E-03	-1.06E-04	-2.55E-05	-2.15E-04	-1.58E-03	-9.28E-04
104	369067	3757885	Residence	-3.50E-04	-1.06E-04	-2.16E-04	-3.00E-06	-3.81E-04	-5.23E-03	-1.05E-04	-2.45E-05	-2.02E-04	-1.52E-03	-8.97E-04
105	369139	3757930	Residence	-3.73E-04	-1.10E-04	-2.22E-04	-3.25E-06	-3.99E-04	-5.65E-03	-1.05E-04	-2.58E-05	-2.19E-04	-1.59E-03	-9.32E-04
106	369211	3757974	Residence	-3.53E-04	-1.06E-04	-2.14E-04	-3.05E-06	-3.81E-04	-5.31E-03	-1.03E-04	-2.46E-05	-2.06E-04	-1.52E-03	-8.94E-04
107	369243	3757968	Residence	-3.51E-04	-1.06E-04	-2.15E-04	-3.03E-06	-3.80E-04	-5.28E-03	-1.03E-04	-2.45E-05	-2.04E-04	-1.51E-03	-8.93E-04
108	369305	3757894	Residence	-3.74E-04	-1.12E-04	-2.27E-04	-3.23E-06	-4.03E-04	-5.62E-03	-1.09E-04	-2.60E-05	-2.18E-04	-1.61E-03	-9.47E-04
109	369366	3757820	Residence	-3.93E-04	-1.18E-04	-2.39E-04	-3.41E-06	-4.24E-04	-5.92E-03	-1.14E-04	-2.74E-05	-2.30E-04	-1.69E-03	-9.95E-04
110	369436	3757794	Residence	-4.19E-04	-1.24E-04	-2.52E-04	-3.65E-06	-4.50E-04	-6.33E-03	-1.19E-04	-2.90E-05	-2.46E-04	-1.79E-03	-1.05E-03
111	369435	3757760	Residence	-3.96E-04	-1.20E-04	-2.44E-04	-3.40E-06	-4.31E-04	-5.93E-03	-1.19E-04	-2.77E-05	-2.29E-04	-1.71E-03	-1.01E-03
112	369251	3758017	Residence	-3.32E-04	-1.02E-04	-2.08E-04	-2.83E-06	-3.64E-04	-4.95E-03	-1.02E-04	-2.34E-05	-1.91E-04	-1.45E-03	-8.60E-04
113	369344	3758083	Residence	-3.70E-04	-1.03E-04	-2.08E-04	-3.32E-06	-3.84E-04	-5.71E-03	-9.15E-05	-2.49E-05	-2.24E-04	-1.53E-03	-8.85E-04
114	369437	3758148	Residence	-3.46E-04	-9.46E-05	-1.90E-04	-3.13E-06	-3.55E-04	-5.39E-03	-8.17E-05	-2.32E-05	-2.11E-04	-1.42E-03	-8.16E-04
115	369429	3758218	Residence	-3.24E-04	-9.00E-05	-1.81E-04	-2.90E-06	-3.35E-04	-5.00E-03	-7.98E-05	-2.18E-05	-1.96E-04	-1.34E-03	-7.74E-04
116	369432	3758306	Residence	-2.85E-04	-8.23E-05	-1.66E-04	-2.51E-06	-3.01E-04	-4.35E-03	-7.64E-05	-1.95E-05	-1.70E-04	-1.20E-03	-7.01E-04
117	369435	3758395	Residence	-2.53E-04	-7.51E-05	-1.52E-04	-2.20E-06	-2.72E-04	-3.83E-03	-7.21E-05	-1.76E-05	-1.48E-04	-1.08E-03	-6.37E-04
118	369460	3758419	Residence	-2.61E-04	-7.55E-05	-1.53E-04	-2.29E-06	-2.76E-04	-3.97E-03	-7.04E-05	-1.79E-05	-1.55E-04	-1.10E-03	-6.43E-04
119	369558	3758419	Residence	-2.96E-04	-8.19E-05	-1.65E-04	-2.66E-06	-3.06E-04	-4.58E-03	-7.21E-05	-1.99E-05	-1.79E-04	-1.22E-03	-7.04E-04
120	369657	3758419	Residence	-2.92E-04	-8.54E-05	-1.73E-04	-2.55E-06	-3.11E-04	-4.43E-03	-8.08E-05	-2.01E-05	-1.72E-04	-1.24E-03	-7.26E-04
121	369755	3758419	Residence	-2.74E-04	-8.43E-05	-1.71E-04	-2.33E-06	-3.00E-04	-4.07E-03	-8.45E-05	-1.93E-05	-1.57E-04	-1.19E-03	-7.09E-04
122	369853	3758419	Residence	-2.96E-04	-8.45E-05	-1.71E-04	-2.63E-06	-3.11E-04	-4.54E-03	-7.74E-05	-2.02E-05	-1.77E-04	-1.24E-03	-7.22E-04
123	369878	3758394	Residence	-3.11E-04	-8.61E-05	-1.73E-04	-2.79E-06	-3.21E-04	-4.81E-03	-7.60E-05	-2.09E-05	-1.88E-04	-1.28E-03	-7.41E-04
124	369877	3758289	Residence	-3.25E-04	-9.17E-05	-1.85E-04	-2.90E-06	-3.39E-04	-5.00E-03	-8.27E-05	-2.20E-05	-1.96E-04	-1.36E-03	-7.86E-04
125	369876	3758183	Residence	-3.37E-04	-9.70E-05	-1.96E-04	-2.98E-06	-3.56E-04	-5.16E-03	-8.96E-05	-2.31E-05	-2.01E-04	-1.42E-03	-8.27E-04
126	369962	3758103	Residence	-3.98E-04	-1.07E-04	-2.14E-04	-3.62E-06	-4.04E-04	-6.22E-03	-9.01E-05	-2.64E-05	-2.44E-04	-1.62E-03	-9.25E-04
127	370075	3758103	Residence	-3.97E-04	-1.14E-04	-2.31E-04	-3.51E-06	-4.19E-04	-6.07E-03	-1.05E-04	-2.71E-05	-2.37E-04	-1.67E-03	-9.74E-04
128	370187	3758103	Residence	-3.95E-04	-1.13E-04	-2.29E-04	-3.49E-06	-4.16E-04	-6.03E-03	-1.05E-04	-2.70E-05	-2.35E-04	-1.66E-03	-9.67E-04
129	370299	3758103	Residence	-3.83E-04	-1.12E-04	-2.28E-04	-3.35E-06	-4.09E-04	-5.80E-03	-1.07E-04	-2.64E-05	-2.26E-04	-1.63E-03	-9.55E-04
136	370506	3758113	Residence	-4.32E-04	-1.25E-04	-2.53E-04	-3.80E-06	-4.58E-04	-6.58E-03	-1.17E-04	-2.96E-05	-2.56E-04	-1.83E-03	-1.07E-03
137	370601	3758113	Residence	-3.94E-04	-1.13E-04	-2.29E-04	-3.48E-06	-4.15E-04	-6.02E-03	-1.05E-04	-2.69E-05	-2.35E-04	-1.66E-03	-9.66E-04
138	370696	3758114	Residence	-3.85E-04	-1.03E-04	-2.06E-04	-3.52E-06	-3.90E-04	-6.03E-03	-8.61E-05	-2.55E-05	-2.37E-04	-1.56E-03	-8.92E-04
139	370791	3758114	Residence	-3.83E-04	-9.73E-05	-1.94E-04	-3.57E-06	-3.78E-04	-6.09E-03	-7.52E-05	-2.48E-05	-2.41E-04	-1.52E-03	-8.54E-04
140	370886	3758114	Residence	-3.51E-04	-9.34E-05	-1.87E-04	-3.21E-06	-3.55E-04	-5.50E-03	-7.79E-05	-2.32E-05	-2.16E-04	-1.42E-03	-8.11E-04
154	371170	3757732	Residence	-4.23E-04	-1.23E-04	-2.48E-04	-3.73E-06	-4.48E-04	-6.45E-03	-1.15E-04	-2.90E-05	-2.51E-04	-1.79E-03	-1.04E-03
155	371240	3757783	Residence	-4.16E-04	-1.20E-04	-2.42E-04	-3.67E-06	-4.39E-04	-6.35E-03	-1.11E-04	-2.85E-05	-2.48E-04	-1.75E-03	-1.02E-03
156	371264	3757808	Residence	-4.11E-04	-1.18E-04	-2.39E-04	-3.63E-06	-4.34E-04	-6.28E-03	-1.10E-04	-2.81E-05	-2.45E-04	-1.73E-03	-1.01E-03
157	371372	3757807	Residence	-3.65E-04	-1.04E-04	-2.10E-04	-3.24E-06	-3.83E-04	-5.60E-03	-9.49E-05	-2.48E-05	-2.18E-04	-1.53E-03	-8.88E-04
158	371385	3757827	Residence	-3.59E-04	-1.03E-04	-2.07E-04	-3.18E-06	-3.78E-04	-5.50E-03	-9.44E-05	-2.45E-05	-2.15E-04	-1.51E-03	-8.78E-04
159	371485	3757895	Residence	-3.15E-04	-9.08E-05	-1.83E-04	-2.78E-06	-3.33E-04	-4.81E-03	-8.43E-05	-2.16E-05	-1.87E-04	-1.33E-03	-7.74E-04
160	371585	3757964	Residence	-2.83E-04	-8.17E-05	-1.65E-04	-2.49E-06	-2.99E-04	-4.31E-03	-7.62E-05	-1.94E-05	-1.68E-04	-1.19E-03	-6.96E-04
161	371684	3758032	Residence	-2.59E-04	-7.74E-05	-1.57E-04	-2.25E-06	-2.79E-04	-3.90E-03	-7.50E-05	-1.80E-05	-1.51E-04	-1.11E-03	-6.55E-04
162	371784	3758101	Residence	-2.39E-04	-7.34E-05	-1.49E-04	-2.03E-06	-2.61E-04	-3.55E-03	-7.34E-05	-1.68E-05	-1.37E-04	-1.04E-03	-6.17E-04
163	371818	3758095	Residence	-2.39E-04	-7.47E-05	-1.52E-04	-2.02E-06	-2.64E-04	-3.54E-03	-7.60E-05	-1.70E-05	-1.36E-04	-1.05E-03	-6.26E-04

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

164	371873	3758022	Residence	-2.65E-04	-8.21E-05	-1.67E-04	-2.25E-06	-2.91E-04	-3.93E-03	-8.30E-05	-1.87E-05	-1.51E-04	-1.16E-03	-6.90E-04
165	371928	3757949	Residence	-2.61E-04	-8.22E-05	-1.67E-04	-2.20E-06	-2.90E-04	-3.85E-03	-8.43E-05	-1.86E-05	-1.48E-04	-1.15E-03	-6.88E-04
166	371969	3757946	Residence	-2.51E-04	-8.03E-05	-1.64E-04	-2.10E-06	-2.81E-04	-3.68E-03	-8.37E-05	-1.80E-05	-1.41E-04	-1.12E-03	-6.70E-04
167	371989	3757924	Residence	-2.49E-04	-8.00E-05	-1.63E-04	-2.07E-06	-2.80E-04	-3.64E-03	-8.38E-05	-1.79E-05	-1.40E-04	-1.11E-03	-6.67E-04
295	370737	3755244	Residence	-4.32E-04	-1.14E-04	-2.29E-04	-3.96E-06	-4.35E-04	-6.79E-03	-9.40E-05	-2.85E-05	-2.67E-04	-1.74E-03	-9.92E-04
296	370669	3755237	Residence	-4.00E-04	-9.92E-05	-1.97E-04	-3.77E-06	-3.90E-04	-6.41E-03	-7.35E-05	-2.57E-05	-2.54E-04	-1.56E-03	-8.75E-04
297	370571	3755237	Residence	-4.07E-04	-1.02E-04	-2.03E-04	-3.82E-06	-3.99E-04	-6.51E-03	-7.68E-05	-2.62E-05	-2.58E-04	-1.60E-03	-8.97E-04
298	370476	3755238	Residence	-4.49E-04	-1.11E-04	-2.20E-04	-4.24E-06	-4.37E-04	-7.21E-03	-8.13E-05	-2.88E-05	-2.86E-04	-1.75E-03	-9.79E-04
299	370380	3755238	Residence	-3.92E-04	-9.54E-05	-1.90E-04	-3.72E-06	-3.79E-04	-6.33E-03	-6.82E-05	-2.50E-05	-2.51E-04	-1.52E-03	-8.46E-04
300	370279	3755239	Residence	-4.37E-04	-1.13E-04	-2.25E-04	-4.06E-06	-4.35E-04	-6.93E-03	-8.91E-05	-2.85E-05	-2.74E-04	-1.74E-03	-9.85E-04
301	370177	3755240	Residence	-4.36E-04	-1.20E-04	-2.41E-04	-3.93E-06	-4.49E-04	-6.76E-03	-1.04E-04	-2.92E-05	-2.65E-04	-1.79E-03	-1.03E-03
302	370076	3755240	Residence	-4.21E-04	-1.11E-04	-2.23E-04	-3.87E-06	-4.24E-04	-6.63E-03	-9.11E-05	-2.78E-05	-2.61E-04	-1.70E-03	-9.66E-04
303	369979	3755241	Residence	-4.63E-04	-1.26E-04	-2.53E-04	-4.20E-06	-4.74E-04	-7.22E-03	-1.08E-04	-3.09E-05	-2.83E-04	-1.89E-03	-1.09E-03
304	369883	3755241	Residence	-4.06E-04	-1.17E-04	-2.36E-04	-3.59E-06	-4.29E-04	-6.21E-03	-1.08E-04	-2.78E-05	-2.42E-04	-1.71E-03	-9.98E-04
306	369690	3755242	Residence	-4.61E-04	-1.32E-04	-2.66E-04	-4.08E-06	-4.84E-04	-7.06E-03	-1.21E-04	-3.14E-05	-2.75E-04	-1.93E-03	-1.12E-03
307	369594	3755243	Residence	-4.01E-04	-1.14E-04	-2.30E-04	-3.56E-06	-4.21E-04	-6.15E-03	-1.04E-04	-2.73E-05	-2.40E-04	-1.68E-03	-9.76E-04
308	369498	3755243	Residence	-4.25E-04	-1.22E-04	-2.46E-04	-3.76E-06	-4.48E-04	-6.50E-03	-1.12E-04	-2.90E-05	-2.53E-04	-1.79E-03	-1.04E-03
309	369396	3755244	Residence	-4.51E-04	-1.41E-04	-2.86E-04	-3.81E-06	-4.98E-04	-6.67E-03	-1.43E-04	-3.20E-05	-2.57E-04	-1.98E-03	-1.18E-03
310	369295	3755244	Residence	-3.26E-04	-1.41E-04	-2.94E-04	-2.16E-06	-4.39E-04	-4.05E-03	-1.86E-04	-2.72E-05	-1.45E-04	-1.72E-03	-1.12E-03
311	369193	3755245	Residence	-3.02E-04	-1.45E-04	-3.04E-04	-1.79E-06	-4.35E-04	-3.49E-03	-2.02E-04	-2.67E-05	-1.20E-04	-1.70E-03	-1.13E-03
312	369092	3755245	Residence	-3.75E-04	-1.52E-04	-3.15E-04	-2.64E-06	-4.84E-04	-4.87E-03	-1.92E-04	-3.02E-05	-1.78E-04	-1.90E-03	-1.21E-03
313	368991	3755246	Residence	-3.72E-04	-1.32E-04	-2.72E-04	-2.89E-06	-4.43E-04	-5.18E-03	-1.52E-04	-2.81E-05	-1.95E-04	-1.75E-03	-1.08E-03
314	368889	3755247	Residence	-2.89E-04	-9.32E-05	-1.90E-04	-2.40E-06	-3.25E-04	-4.23E-03	-9.78E-05	-2.08E-05	-1.62E-04	-1.29E-03	-7.77E-04
315	368782	3755247	Residence	-2.92E-04	-8.77E-05	-1.78E-04	-2.53E-06	-3.16E-04	-4.39E-03	-8.54E-05	-2.04E-05	-1.70E-04	-1.26E-03	-7.41E-04
316	368676	3755248	Residence	-2.92E-04	-8.85E-05	-1.80E-04	-2.52E-06	-3.17E-04	-4.38E-03	-8.71E-05	-2.05E-05	-1.70E-04	-1.26E-03	-7.47E-04
317	368569	3755248	Residence	-2.75E-04	-8.44E-05	-1.72E-04	-2.35E-06	-3.01E-04	-4.10E-03	-8.42E-05	-1.94E-05	-1.59E-04	-1.20E-03	-7.10E-04
318	368471	3755249	Residence	-2.56E-04	-8.00E-05	-1.63E-04	-2.17E-06	-2.83E-04	-3.79E-03	-8.14E-05	-1.82E-05	-1.46E-04	-1.13E-03	-6.71E-04
319	368373	3755249	Residence	-2.46E-04	-7.69E-05	-1.56E-04	-2.08E-06	-2.72E-04	-3.64E-03	-7.82E-05	-1.75E-05	-1.40E-04	-1.08E-03	-6.44E-04
320	368275	3755250	Residence	-2.21E-04	-7.09E-05	-1.45E-04	-1.84E-06	-2.48E-04	-3.23E-03	-7.43E-05	-1.59E-05	-1.24E-04	-9.85E-04	-5.91E-04
321	368167	3755230	Residence	-1.98E-04	-6.43E-05	-1.31E-04	-1.64E-06	-2.24E-04	-2.88E-03	-6.81E-05	-1.43E-05	-1.10E-04	-8.88E-04	-5.35E-04
322	368054	3755209	Residence	-1.67E-04	-5.64E-05	-1.16E-04	-1.35E-06	-1.93E-04	-2.39E-03	-6.19E-05	-1.23E-05	-9.10E-05	-7.66E-04	-4.66E-04
323	367941	3755189	Residence	-1.43E-04	-5.14E-05	-1.06E-04	-1.10E-06	-1.71E-04	-1.98E-03	-5.96E-05	-1.08E-05	-7.45E-05	-6.78E-04	-4.20E-04
324	367824	3755185	Residence	-1.29E-04	-4.82E-05	-9.96E-05	-9.74E-07	-1.59E-04	-1.76E-03	-5.75E-05	-9.99E-06	-6.57E-05	-6.26E-04	-3.91E-04
325	367711	3755181	Residence	-1.31E-04	-4.73E-05	-9.73E-05	-1.01E-06	-1.57E-04	-1.81E-03	-5.50E-05	-9.94E-06	-6.80E-05	-6.22E-04	-3.85E-04
326	367598	3755178	Residence	-1.28E-04	-4.55E-05	-9.35E-05	-1.00E-06	-1.52E-04	-1.79E-03	-5.21E-05	-9.65E-06	-6.74E-05	-6.03E-04	-3.72E-04
327	367484	3755174	Residence	-1.22E-04	-4.32E-05	-8.89E-05	-9.58E-07	-1.45E-04	-1.71E-03	-4.94E-05	-9.20E-06	-6.46E-05	-5.75E-04	-3.54E-04
328	367461	3755189	Residence	-1.25E-04	-4.36E-05	-8.96E-05	-9.83E-07	-1.47E-04	-1.75E-03	-4.94E-05	-9.33E-06	-6.63E-05	-5.83E-04	-3.58E-04
329	367415	3755295	Residence	-1.26E-04	-4.43E-05	-9.11E-05	-9.96E-07	-1.49E-04	-1.78E-03	-5.03E-05	-9.47E-06	-6.72E-05	-5.91E-04	-3.63E-04
330	367369	3755401	Residence	-1.25E-04	-4.36E-05	-8.96E-05	-9.92E-07	-1.47E-04	-1.77E-03	-4.92E-05	-9.35E-06	-6.69E-05	-5.84E-04	-3.58E-04
331	367324	3755507	Residence	-1.18E-04	-4.26E-05	-8.78E-05	-9.12E-07	-1.42E-04	-1.64E-03	-4.95E-05	-8.97E-06	-6.15E-05	-5.61E-04	-3.48E-04
332	367484	3755199	Residence	-1.25E-04	-4.39E-05	-9.02E-05	-9.78E-07	-1.48E-04	-1.75E-03	-5.00E-05	-9.36E-06	-6.60E-05	-5.84E-04	-3.60E-04
333	367301	3755623	Residence	-1.16E-04	-4.27E-05	-8.80E-05	-8.85E-07	-1.41E-04	-1.59E-03	-5.03E-05	-8.91E-06	-5.97E-05	-5.58E-04	-3.47E-04
334	367114	3756056	Residence	-1.24E-04	-4.30E-05	-8.83E-05	-9.87E-07	-1.46E-04	-1.76E-03	-4.83E-05	-9.25E-06	-6.66E-05	-5.77E-04	-3.54E-04
335	366985	3756358	Residence	-1.23E-04	-4.21E-05	-8.64E-05	-9.81E-07	-1.43E-04	-1.74E-03	-4.69E-05	-9.10E-06	-6.61E-05	-5.67E-04	-3.47E-04
336	366853	3756663	Residence	-1.19E-04	-3.92E-05	-8.02E-05	-9.71E-07	-1.35E-04	-1.71E-03	-4.22E-05	-8.64E-06	-6.54E-05	-5.37E-04	-3.25E-04
337	366902	3756692	Residence	-1.16E-04	-3.93E-05	-8.04E-05	-9.39E-07	-1.34E-04	-1.66E-03	-4.31E-05	-8.56E-06	-6.33E-05	-5.33E-04	-3.24E-04
338	366876	3756760	Residence	-1.23E-04	-4.09E-05	-8.36E-05	-1.01E-06	-1.41E-04	-1.78E-03	-4.41E-05	-9.00E-06	-6.80E-05	-5.59E-04	-3.39E-04
339	366813	3756739	Residence	-1.13E-04	-3.80E-05	-7.79E-05	-9.14E-07	-1.30E-04	-1.62E-03	-4.16E-05	-8.30E-06	-6.16E-05	-5.17E-04	-3.14E-04
340	366677	3757025	Residence	-1.20E-04	-3.83E-05	-7.80E-05	-1.00E-06	-1.34E-04	-1.76E-03	-3.98E-05	-8.60E-06	-6.77E-05	-5.33E-04	-3.20E-04
341	366536	3757322	Residence	-1.20E-04	-3.71E-05	-7.54E-05	-1.02E-06	-1.32E-04	-1.79E-03	-3.72E-05	-8.48E-06	-6.90E-05	-5.24E-04	-3.12E-04
342	366437	3757531	Residence	-1.20E-04	-3.62E-05	-7.34E-05	-1.03E-06	-1.30E-04	-1.80E-03	-3.55E-05	-8.37E-06	-6.95E-05	-5.17E-04	-3.05E-04
343	366487	3757537	Residence	-1.19E-04	-3.64E-05	-7.39E-05	-1.02E-06	-1.30E-04	-1.78E-03	-3.61E-05	-8.37E-06	-6.88E-05	-5.17E-04	-3.07E-04
344	366624	3757468	Residence	-1.23E-04	-3.81E-05	-7.75E-05	-1.04E-06	-1.35E-04	-1.82E-03	-3.85E-05	-8.69E-06	-7.03E-05	-5.38E-04	-3.20E-04
345	366644	3757531	Residence	-1.22E-04	-3.79E-05	-7.70E-05	-1.03E-06	-1.34E-04	-1.80E-03	-3.84E-05	-8.61E-06	-6.95E-05	-5.33E-04	-3.18E-04
346	366777	3757520	Residence	-1.25E-04	-3.96E-05	-8.07E-05	-1.05E-06	-1.39E-04	-1.85E-03	-4.08E-05	-8.94E-06	-7.10E-05	-5.54E-04	-3.31E-04
347	366999	3757642	Residence	-1.28E-04	-4.13E-05	-8.43E-05	-1.06E-06	-1.44E-04	-1.86E-03	-4.36E-05	-9.21E-06	-7.14E-05	-5.72E-04	-3.44E-04
348	367174	3757740	Residence	-1.28E-04	-4.25E-05	-8.70E-05	-1.04E-06	-1.46E-04	-1.84E-03	-4.60E-05	-9.34E-06	-7.04E-05	-5.81E-04	-3.52E-04
349	367291	3757694	Residence	-1.29E-04	-4.40E-05	-9.03E-05	-1.03E-06	-1.50E-04	-1.83E-03	-4.89E-05	-9.53E-06	-6.95E-05	-5.94E-04	-3.63E-04
350	367413	3757695	Residence	-1.25E-04	-4.48E-05	-9.22E-05	-9.75E-07	-1.50E-04	-1.75E-03	-5.17E-05	-9.49E-06	-6.58E-05	-5.93E-04	-3.66E-04
351	367410	3757736	Residence	-1.20E-04	-4.37E-05	-8.99E-05	-9.27E-07	-1.45E-04	-1.67E-03	-5.09E-05	-9.17E-06	-6.25E-05	-5.74E-04	-3.56E-04
352	367518	3757796	Residence	-1.28E-04	-4.66E-05	-9.61E-05	-9.84E-07	-1.55E-04	-1.77E-03	-5.45E-05	-9.78E-06	-6.64E-05	-6.12E-04	-3.80E-04
353	367539	3757802	Residence	-1.27E-04	-4.66E-05	-9.61E-05	-9.67E-07	-1.54E-04	-1.74E-03	-5.49E-05	-9.73E-06	-6.52E-05	-6.09E-04	-3.79E-04
354	367609	3757677	Residence	-1.23E-04	-4.69E-05	-9.69E-05	-9.17E-07	-1.53E-04	-1.66E-03	-5.67E-05	-9.62E-06	-6.18E-05	-6.04E-04	-3.79E-04
355	367769	3757644	Residence	-1.55E-04	-5.52E-05	-1.13E-04	-1.21E-06	-1.85E-04	-2.17E-03	-6.33E-05	-1.17E-05	-8.18E-05	-7.32E-04	-4.51E-04
356	367775	3757719	Residence	-1.43E-04	-5.29E-05	-1.09E-04	-1.09E-06	-1.75E-04	-1.96E-03	-6.26E-05	-1.10E-05	-7.33E-05	-6.90E-04	-4.30E-04
357	367809	3757835	Residence	-1.42E-04	-5.23E-05	-1.08E-04	-1.08E-06	-1.73E-04	-1.94E-03	-6.17E-05	-1.09E-05	-7.27E-05	-6.82E-04	-4.25E-04
358	367807	3757936	Residence	-1.33E-04	-5.03E-05	-1.04E-04	-9.97E-07	-1.65E-04	-1.81E-03	-6.05E-05	-1.04E-05	-6.72E-05	-6.50E-04	-4.07E-04
359	367775	3757959	Residence	-1.28E-04	-4.88E-05	-1.01E-04	-9.48E-07	-1.59E-04	-1.72E-03	-5.92E-05	-1.00E-05	-6.39E-05	-6.28E-04	-3.95E-04
360	367798	3758011	Residence	-1.31E-04	-4.89E-05	-1.01E-04	-9.81E-07	-1.60E-04	-1.77E-03	-5.84E-05	-1.01E-05	-6.61E-05	-6.34E-04	-3.96E-04
361	367914	3757962	Residence	-1.54E-04	-5.45E-05	-1.12E-04	-1.20E-06	-1.83E-04	-2.15E-03	-6.23E-05	-1.16E-05	-8.12E-05	-7.24E-04	-4.46E-04
362	367905	3757930	Residence	-1.52E-04	-5.45E-05	-1.12E-04	-1.18E-06	-1.82E-04	-2.11E-03	-6.31E-05	-1.15E-05	-7.94E-05	-7.20E-04	-4.45E-04
363	368109	3757840	Residence	-2.01E-04	-6.64E-05	-1.36E-04	-1.65E-06	-2.29E-04	-2.91E-03	-7.13E-05	-1.47E-05	-1.11E-04	-9.11E-04	-5.51E-04
364	368233	3757790	Residence	-2.38E-04	-7.49E-05	-1.52E-04	-2.01E-06	-2.64E-04	-3.51E-03	-7.67E-05	-1.69E-05	-1.35E-04	-1.05E-03	-6.27E-04
365	368309	3757762	Residence	-2.58E-04	-7.95E-05	-1.62E-04	-2.20E-06	-2.83E-04	-3.85E-03	-7.97E-05	-1.82E-05	-1.49E-04	-1.13E-03	-6.69E-04
366	368603	3757765	Residence	-2.95E-04	-9.16E-05	-1.86E-04	-2.50E-06	-3.25E-04	-4.37E-03	-9.26E-05	-2.09E-05	-1.69E-04	-1.29E-03	-7.69E-04

Table 4-3A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operatons for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

367	368604	3757719	Residence	-3.03E-04	-9.19E-05	-1.87E-04	-2.60E-06	-3.29E-04	-4.54E-03	-9.06E-05	-2.12E-05	-1.76E-04	-1.31E-03	-7.75E-04
368	368770	3757799	Residence	-3.15E-04	-9.39E-05	-1.90E-04	-2.73E-06	-3.39E-04	-4.75E-03	-9.07E-05	-2.19E-05	-1.84E-04	-1.35E-03	-7.95E-04
369	369017	3757954	Residence	-3.35E-04	-1.02E-04	-2.07E-04	-2.87E-06	-3.65E-04	-5.01E-03	-1.01E-04	-2.35E-05	-1.94E-04	-1.45E-03	-8.60E-04
370	369080	3757864	Residence	-3.53E-04	-1.07E-04	-2.18E-04	-3.03E-06	-3.84E-04	-5.27E-03	-1.06E-04	-2.47E-05	-2.04E-04	-1.53E-03	-9.06E-04
371	369224	3757952	Residence	-3.61E-04	-1.08E-04	-2.18E-04	-3.12E-06	-3.88E-04	-5.43E-03	-1.04E-04	-2.51E-05	-2.11E-04	-1.55E-03	-9.11E-04
372	369409	3757730	Residence	-4.17E-04	-1.23E-04	-2.49E-04	-3.64E-06	-4.46E-04	-6.31E-03	-1.17E-04	-2.88E-05	-2.45E-04	-1.78E-03	-1.04E-03
373	369454	3757776	Residence	-4.25E-04	-1.26E-04	-2.54E-04	-3.71E-06	-4.55E-04	-6.43E-03	-1.20E-04	-2.94E-05	-2.50E-04	-1.81E-03	-1.07E-03
374	369265	3757997	Residence	-3.39E-04	-1.04E-04	-2.11E-04	-2.89E-06	-3.71E-04	-5.05E-03	-1.04E-04	-2.38E-05	-1.95E-04	-1.47E-03	-8.75E-04
375	369452	3758128	Residence	-3.52E-04	-9.61E-05	-1.93E-04	-3.18E-06	-3.61E-04	-5.47E-03	-8.30E-05	-2.35E-05	-2.15E-04	-1.44E-03	-8.29E-04
376	369460	3758394	Residence	-2.58E-04	-7.57E-05	-1.53E-04	-2.25E-06	-2.75E-04	-3.91E-03	-7.18E-05	-1.78E-05	-1.52E-04	-1.10E-03	-6.43E-04
377	369853	3758394	Residence	-3.00E-04	-8.58E-05	-1.73E-04	-2.65E-06	-3.15E-04	-4.59E-03	-7.89E-05	-2.05E-05	-1.79E-04	-1.26E-03	-7.33E-04
378	369850	3758078	Residence	-3.45E-04	-1.01E-04	-2.05E-04	-3.01E-06	-3.68E-04	-5.22E-03	-9.64E-05	-2.38E-05	-2.03E-04	-1.47E-03	-8.61E-04
384	370886	3758089	Residence	-3.54E-04	-9.46E-05	-1.90E-04	-3.23E-06	-3.59E-04	-5.54E-03	-7.92E-05	-2.34E-05	-2.18E-04	-1.44E-03	-8.20E-04
391	371193	3757720	Residence	-4.19E-04	-1.21E-04	-2.44E-04	-3.69E-06	-4.43E-04	-6.38E-03	-1.12E-04	-2.87E-05	-2.49E-04	-1.77E-03	-1.03E-03
392	371254	3757762	Residence	-4.10E-04	-1.18E-04	-2.38E-04	-3.63E-06	-4.32E-04	-6.28E-03	-1.08E-04	-2.80E-05	-2.45E-04	-1.72E-03	-1.00E-03
393	371264	3757783	Residence	-4.11E-04	-1.18E-04	-2.38E-04	-3.63E-06	-4.33E-04	-6.28E-03	-1.09E-04	-2.80E-05	-2.45E-04	-1.73E-03	-1.01E-03
394	371372	3757782	Residence	-3.62E-04	-1.02E-04	-2.06E-04	-3.23E-06	-3.78E-04	-5.57E-03	-9.25E-05	-2.46E-05	-2.18E-04	-1.51E-03	-8.76E-04
395	371399	3757806	Residence	-3.51E-04	-9.94E-05	-2.00E-04	-3.12E-06	-3.67E-04	-5.39E-03	-9.02E-05	-2.38E-05	-2.10E-04	-1.46E-03	-8.50E-04
396	371798	3758080	Residence	-2.43E-04	-7.55E-05	-1.54E-04	-2.06E-06	-2.68E-04	-3.60E-03	-7.66E-05	-1.72E-05	-1.39E-04	-1.06E-03	-6.34E-04
397	371908	3757934	Residence	-2.66E-04	-8.34E-05	-1.70E-04	-2.24E-06	-2.95E-04	-3.93E-03	-8.53E-05	-1.89E-05	-1.51E-04	-1.17E-03	-6.99E-04
398	371964	3757922	Residence	-2.54E-04	-8.12E-05	-1.66E-04	-2.12E-06	-2.84E-04	-3.72E-03	-8.46E-05	-1.82E-05	-1.43E-04	-1.13E-03	-6.77E-04
442	370667	3755262	Residence	-4.07E-04	-1.01E-04	-2.02E-04	-3.83E-06	-3.98E-04	-6.52E-03	-7.56E-05	-2.62E-05	-2.58E-04	-1.60E-03	-8.94E-04
443	370380	3755263	Residence	-3.96E-04	-9.65E-05	-1.92E-04	-3.76E-06	-3.83E-04	-6.38E-03	-6.92E-05	-2.53E-05	-2.53E-04	-1.54E-03	-8.56E-04
444	370076	3755265	Residence	-4.22E-04	-1.11E-04	-2.22E-04	-3.89E-06	-4.25E-04	-6.66E-03	-9.04E-05	-2.78E-05	-2.62E-04	-1.70E-03	-9.66E-04
446	369498	3755268	Residence	-4.35E-04	-1.24E-04	-2.51E-04	-3.85E-06	-4.58E-04	-6.66E-03	-1.14E-04	-2.97E-05	-2.60E-04	-1.83E-03	-1.06E-03
447	369194	3755270	Residence	-3.31E-04	-1.52E-04	-3.17E-04	-2.07E-06	-4.62E-04	-3.97E-03	-2.06E-04	-2.85E-05	-1.40E-04	-1.81E-03	-1.19E-03
448	368889	3755272	Residence	-2.92E-04	-8.89E-05	-1.81E-04	-2.51E-06	-3.18E-04	-4.37E-03	-8.80E-05	-2.05E-05	-1.69E-04	-1.27E-03	-7.50E-04
449	368569	3755273	Residence	-2.78E-04	-8.55E-05	-1.74E-04	-2.37E-06	-3.04E-04	-4.14E-03	-8.56E-05	-1.96E-05	-1.60E-04	-1.21E-03	-7.19E-04
450	368275	3755275	Residence	-2.20E-04	-7.06E-05	-1.44E-04	-1.83E-06	-2.47E-04	-3.21E-03	-7.39E-05	-1.58E-05	-1.23E-04	-9.79E-04	-5.88E-04
451	367936	3755213	Residence	-1.42E-04	-5.18E-05	-1.07E-04	-1.09E-06	-1.72E-04	-1.97E-03	-6.05E-05	-1.09E-05	-7.38E-05	-6.80E-04	-4.22E-04
74	370324	3758078	School	-1.29E-04	-4.81E-05	-9.92E-05	-9.76E-07	-1.58E-04	-1.76E-03	-5.71E-05	-9.97E-06	-6.58E-05	-6.25E-04	-3.90E-04
75	370324	3758078	School	-1.29E-04	-4.85E-05	-1.00E-04	-9.70E-07	-1.59E-04	-1.76E-03	-5.81E-05	-1.00E-05	-6.54E-05	-6.28E-04	-3.93E-04
76	370324	3758078	School	-1.42E-04	-5.18E-05	-1.07E-04	-1.08E-06	-1.72E-04	-1.95E-03	-6.07E-05	-1.08E-05	-7.31E-05	-6.78E-04	-4.21E-04
77	370324	3758078	School	-1.40E-04	-5.21E-05	-1.07E-04	-1.06E-06	-1.71E-04	-1.91E-03	-6.18E-05	-1.08E-05	-7.14E-05	-6.77E-04	-4.22E-04
130	370324	3758078	School	-3.74E-04	-1.10E-04	-2.23E-04	-3.26E-06	-4.00E-04	-5.66E-03	-1.05E-04	-2.58E-05	-2.20E-04	-1.59E-03	-9.36E-04
131	370381	3757991	School	-3.93E-04	-1.13E-04	-2.29E-04	-3.46E-06	-4.15E-04	-6.00E-03	-1.05E-04	-2.69E-05	-2.34E-04	-1.66E-03	-9.66E-04
132	370435	3758019	School	-3.95E-04	-1.18E-04	-2.39E-04	-3.42E-06	-4.26E-04	-5.94E-03	-1.15E-04	-2.75E-05	-2.30E-04	-1.70E-03	-9.99E-04
133	370499	3758050	School	-4.31E-04	-1.25E-04	-2.54E-04	-3.78E-06	-4.58E-04	-6.55E-03	-1.18E-04	-2.96E-05	-2.55E-04	-1.82E-03	-1.07E-03
134	370485	3758025	School	-4.32E-04	-1.26E-04	-2.55E-04	-3.78E-06	-4.59E-04	-6.56E-03	-1.19E-04	-2.97E-05	-2.55E-04	-1.83E-03	-1.07E-03
135	370481	3758086	School	-4.25E-04	-1.24E-04	-2.51E-04	-3.72E-06	-4.52E-04	-6.45E-03	-1.17E-04	-2.93E-05	-2.51E-04	-1.80E-03	-1.06E-03
305	369787	3755242	School	-4.58E-04	-1.30E-04	-2.62E-04	-4.07E-06	-4.80E-04	-7.03E-03	-1.18E-04	-3.11E-05	-2.75E-04	-1.91E-03	-1.11E-03
379	370299	3758078	School	-3.87E-04	-1.13E-04	-2.30E-04	-3.38E-06	-4.12E-04	-5.86E-03	-1.08E-04	-2.67E-05	-2.28E-04	-1.64E-03	-9.63E-04
380	370298	3757963	School	-3.79E-04	-1.12E-04	-2.28E-04	-3.29E-06	-4.07E-04	-5.71E-03	-1.08E-04	-2.63E-05	-2.22E-04	-1.62E-03	-9.53E-04
381	370382	3757966	School	-3.88E-04	-1.13E-04	-2.28E-04	-3.40E-06	-4.12E-04	-5.89E-03	-1.06E-04	-2.66E-05	-2.29E-04	-1.64E-03	-9.60E-04
382	370510	3758027	School	-4.24E-04	-1.24E-04	-2.51E-04	-3.72E-06	-4.52E-04	-6.44E-03	-1.17E-04	-2.92E-05	-2.51E-04	-1.80E-03	-1.05E-03
383	370506	3758088	School	-4.32E-04	-1.25E-04	-2.53E-04	-3.79E-06	-4.58E-04	-6.57E-03	-1.17E-04	-2.96E-05	-2.56E-04	-1.82E-03	-1.07E-03
445	369787	3755267	School	-4.63E-04	-1.32E-04	-2.66E-04	-4.11E-06	-4.86E-04	-7.11E-03	-1.20E-04	-3.15E-05	-2.77E-04	-1.94E-03	-1.13E-03

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
29	370479	3756654	Commercial	-2.01E-03	-4.28E-06	-4.28E-04	-1.71E-04	-8.37E-04	-6.44E-07	-2.00E-05	NA	-1.82E-03	NA	-3.36E-02	-6.12E-04
141	370911	3758089	Commercial	-3.47E-04	-7.39E-07	-9.55E-05	-3.82E-05	-1.92E-04	-1.48E-07	-3.13E-06	NA	-3.58E-04	NA	-5.39E-03	-9.80E-05
142	370911	3757976	Commercial	-3.53E-04	-7.50E-07	-1.05E-04	-4.18E-05	-2.12E-04	-1.63E-07	-3.07E-06	NA	-3.78E-04	NA	-5.32E-03	-9.68E-05
143	370911	3757863	Commercial	-4.33E-04	-9.22E-07	-1.25E-04	-5.01E-05	-2.53E-04	-1.95E-07	-3.82E-06	NA	-4.58E-04	NA	-6.61E-03	-1.20E-04
144	370910	3757751	Commercial	-4.09E-04	-8.71E-07	-1.22E-04	-4.88E-05	-2.47E-04	-1.90E-07	-3.55E-06	NA	-4.40E-04	NA	-6.17E-03	-1.12E-04
145	370930	3757712	Commercial	-3.88E-04	-8.25E-07	-1.17E-04	-4.67E-05	-2.37E-04	-1.82E-07	-3.34E-06	NA	-4.20E-04	NA	-5.82E-03	-1.06E-04
146	370961	3757689	Commercial	-3.63E-04	-7.72E-07	-1.10E-04	-4.39E-05	-2.23E-04	-1.71E-07	-3.12E-06	NA	-3.94E-04	NA	-5.44E-03	-9.89E-05
147	371046	3757693	Commercial	-4.28E-04	-9.11E-07	-1.24E-04	-4.94E-05	-2.50E-04	-1.92E-07	-3.78E-06	NA	-4.53E-04	NA	-6.53E-03	-1.19E-04
148	371071	3757668	Commercial	-4.35E-04	-9.25E-07	-1.26E-04	-5.06E-05	-2.56E-04	-1.97E-07	-3.82E-06	NA	-4.61E-04	NA	-6.61E-03	-1.20E-04
149	371071	3757585	Commercial	-4.06E-04	-8.63E-07	-1.20E-04	-4.79E-05	-2.43E-04	-1.87E-07	-3.54E-06	NA	-4.34E-04	NA	-6.14E-03	-1.12E-04
150	371047	3757610	Commercial	-4.16E-04	-8.84E-07	-1.23E-04	-4.91E-05	-2.49E-04	-1.91E-07	-3.62E-06	NA	-4.45E-04	NA	-6.28E-03	-1.14E-04
151	371122	3757609	Commercial	-4.05E-04	-8.61E-07	-1.18E-04	-4.72E-05	-2.39E-04	-1.84E-07	-3.55E-06	NA	-4.30E-04	NA	-6.15E-03	-1.12E-04
152	371099	3757595	Commercial	-4.05E-04	-8.61E-07	-1.19E-04	-4.75E-05	-2.40E-04	-1.85E-07	-3.54E-06	NA	-4.31E-04	NA	-6.13E-03	-1.12E-04
153	371135	3757663	Commercial	-4.19E-04	-8.91E-07	-1.22E-04	-4.88E-05	-2.46E-04	-1.90E-07	-3.68E-06	NA	-4.45E-04	NA	-6.37E-03	-1.16E-04
168	371995	3757843	Commercial	-2.55E-04	-5.43E-07	-8.10E-05	-3.24E-05	-1.65E-04	-1.27E-07	-2.14E-06	NA	-2.85E-04	NA	-3.75E-03	-6.83E-05
169	371969	3757867	Commercial	-2.55E-04	-5.43E-07	-8.17E-05	-3.27E-05	-1.67E-04	-1.28E-07	-2.13E-06	NA	-2.86E-04	NA	-3.74E-03	-6.80E-05
170	372023	3757868	Commercial	-2.47E-04	-5.26E-07	-7.91E-05	-3.16E-05	-1.61E-04	-1.24E-07	-2.06E-06	NA	-2.77E-04	NA	-3.62E-03	-6.58E-05
171	372048	3757843	Commercial	-2.55E-04	-5.43E-07	-7.93E-05	-3.17E-05	-1.61E-04	-1.24E-07	-2.16E-06	NA	-2.81E-04	NA	-3.78E-03	-6.88E-05
172	372047	3757746	Commercial	-2.60E-04	-5.54E-07	-8.15E-05	-3.26E-05	-1.66E-04	-1.28E-07	-2.20E-06	NA	-2.88E-04	NA	-3.84E-03	-6.99E-05
173	372046	3757649	Commercial	-2.78E-04	-5.91E-07	-8.62E-05	-3.45E-05	-1.75E-04	-1.35E-07	-2.35E-06	NA	-3.06E-04	NA	-4.12E-03	-7.49E-05
174	372045	3757551	Commercial	-2.80E-04	-5.95E-07	-8.56E-05	-3.43E-05	-1.74E-04	-1.34E-07	-2.39E-06	NA	-3.06E-04	NA	-4.17E-03	-7.59E-05
175	372041	3757448	Commercial	-2.87E-04	-6.12E-07	-8.40E-05	-3.36E-05	-1.70E-04	-1.31E-07	-2.52E-06	NA	-3.06E-04	NA	-4.37E-03	-7.94E-05
176	372036	3757345	Commercial	-3.10E-04	-6.59E-07	-9.39E-05	-3.76E-05	-1.91E-04	-1.47E-07	-2.66E-06	NA	-3.36E-04	NA	-4.63E-03	-8.42E-05
177	372032	3757242	Commercial	-3.21E-04	-6.83E-07	-9.70E-05	-3.88E-05	-1.97E-04	-1.51E-07	-2.77E-06	NA	-3.48E-04	NA	-4.82E-03	-8.76E-05
178	372027	3757139	Commercial	-3.06E-04	-6.52E-07	-9.11E-05	-3.64E-05	-1.85E-04	-1.42E-07	-2.66E-06	NA	-3.29E-04	NA	-4.62E-03	-8.41E-05
179	372003	3757115	Commercial	-3.08E-04	-6.56E-07	-9.05E-05	-3.62E-05	-1.83E-04	-1.41E-07	-2.69E-06	NA	-3.29E-04	NA	-4.67E-03	-8.50E-05
180	371881	3757114	Commercial	-3.59E-04	-7.64E-07	-1.05E-04	-4.18E-05	-2.11E-04	-1.63E-07	-3.15E-06	NA	-3.81E-04	NA	-5.46E-03	-9.93E-05
181	371758	3757113	Commercial	-4.02E-04	-8.56E-07	-1.16E-04	-4.65E-05	-2.35E-04	-1.81E-07	-3.55E-06	NA	-4.26E-04	NA	-6.14E-03	-1.12E-04
182	371636	3757112	Commercial	-4.25E-04	-9.04E-07	-1.23E-04	-4.92E-05	-2.49E-04	-1.91E-07	-3.74E-06	NA	-4.50E-04	NA	-6.47E-03	-1.18E-04
183	371514	3757111	Commercial	-4.30E-04	-9.14E-07	-1.25E-04	-5.02E-05	-2.54E-04	-1.95E-07	-3.77E-06	NA	-4.57E-04	NA	-6.53E-03	-1.19E-04
184	371394	3757110	Commercial	-4.27E-04	-9.08E-07	-1.23E-04	-4.92E-05	-2.48E-04	-1.91E-07	-3.77E-06	NA	-4.51E-04	NA	-6.52E-03	-1.18E-04
185	371275	3757110	Commercial	-4.31E-04	-9.17E-07	-1.19E-04	-4.74E-05	-2.39E-04	-1.84E-07	-3.89E-06	NA	-4.44E-04	NA	-6.69E-03	-1.22E-04
186	371155	3757109	Commercial	-4.70E-04	-9.99E-07	-1.28E-04	-5.10E-05	-2.56E-04	-1.97E-07	-4.26E-06	NA	-4.80E-04	NA	-7.32E-03	-1.33E-04
187	371035	3757108	Commercial	-5.48E-04	-1.17E-06	-1.38E-04	-5.53E-05	-2.76E-04	-2.12E-07	-5.13E-06	NA	-5.39E-04	NA	-8.74E-03	-1.59E-04
188	371060	3757133	Commercial	-5.22E-04	-1.11E-06	-1.34E-04	-5.38E-05	-2.69E-04	-2.07E-07	-4.84E-06	NA	-5.19E-04	NA	-8.27E-03	-1.50E-04
189	371059	3757085	Commercial	-5.39E-04	-1.15E-06	-1.37E-04	-5.49E-05	-2.74E-04	-2.11E-07	-5.03E-06	NA	-5.33E-04	NA	-8.58E-03	-1.56E-04
190	371034	3757060	Commercial	-5.66E-04	-1.20E-06	-1.40E-04	-5.62E-05	-2.80E-04	-2.15E-07	-5.34E-06	NA	-5.53E-04	NA	-9.08E-03	-1.65E-04
191	370944	3757061	Commercial	-5.94E-04	-1.26E-06	-1.40E-04	-5.62E-05	-2.78E-04	-2.14E-07	-5.71E-06	NA	-5.66E-04	NA	-9.67E-03	-1.76E-04
192	370854	3757061	Commercial	-6.36E-04	-1.35E-06	-1.51E-04	-6.04E-05	-2.99E-04	-2.30E-07	-6.10E-06	NA	-6.07E-04	NA	-1.03E-02	-1.88E-04
193	370764	3757062	Commercial	-6.28E-04	-1.34E-06	-1.54E-04	-6.16E-05	-3.06E-04	-2.35E-07	-5.95E-06	NA	-6.09E-04	NA	-1.01E-02	-1.84E-04
194	370789	3757086	Commercial	-6.09E-04	-1.29E-06	-1.48E-04	-5.93E-05	-2.94E-04	-2.26E-07	-5.78E-06	NA	-5.88E-04	NA	-9.81E-03	-1.78E-04
195	370786	3756996	Commercial	-7.13E-04	-1.52E-06	-1.70E-04	-6.81E-05	-3.38E-04	-2.60E-07	-6.82E-06	NA	-6.83E-04	NA	-1.16E-02	-2.10E-04
196	370782	3756907	Commercial	-8.31E-04	-1.77E-06	-1.97E-04	-7.87E-05	-3.89E-04	-2.99E-07	-7.98E-06	NA	-7.92E-04	NA	-1.35E-02	-2.46E-04
197	370779	3756817	Commercial	-8.81E-04	-1.87E-06	-2.09E-04	-8.37E-05	-4.14E-04	-3.19E-07	-8.45E-06	NA	-8.41E-04	NA	-1.43E-02	-2.60E-04
198	370755	3756843	Commercial	-8.41E-04	-1.79E-06	-1.98E-04	-7.91E-05	-3.91E-04	-3.01E-07	-8.09E-06	NA	-7.99E-04	NA	-1.37E-02	-2.49E-04
199	370847	3756839	Commercial	-8.83E-04	-1.88E-06	-2.09E-04	-8.35E-05	-4.13E-04	-3.18E-07	-8.49E-06	NA	-8.41E-04	NA	-1.44E-02	-2.61E-04
200	370940	3756836	Commercial	-8.04E-04	-1.71E-06	-1.86E-04	-7.43E-05	-3.66E-04	-2.82E-07	-7.79E-06	NA	-7.57E-04	NA	-1.32E-02	-2.39E-04
201	371032	3756832	Commercial	-7.03E-04	-1.50E-06	-1.62E-04	-6.48E-05	-3.20E-04	-2.46E-07	-6.82E-06	NA	-6.61E-04	NA	-1.15E-02	-2.10E-04
202	371056	3756809	Commercial	-6.70E-04	-1.43E-06	-1.56E-04	-6.25E-05	-3.09E-04	-2.37E-07	-6.47E-06	NA	-6.34E-04	NA	-1.09E-02	-1.99E-04
203	371058	3756782	Commercial	-6.58E-04	-1.40E-06	-1.55E-04	-6.20E-05	-3.07E-04	-2.36E-07	-6.33E-06	NA	-6.26E-04	NA	-1.07E-02	-1.95E-04
204	371034	3756805	Commercial	-7.04E-04	-1.50E-06	-1.63E-04	-6.50E-05	-3.21E-04	-2.47E-07	-6.81E-06	NA	-6.63E-04	NA	-1.15E-02	-2.09E-04
205	371146	3756803	Commercial	-5.70E-04	-1.21E-06	-1.44E-04	-5.76E-05	-2.87E-04	-2.21E-07	-5.33E-06	NA	-5.61E-04	NA	-9.09E-03	-1.65E-04
206	371259	3756800	Commercial	-5.00E-04	-1.06E-06	-1.36E-04	-5.42E-05	-2.72E-04	-2.10E-07	-4.54E-06	NA	-5.11E-04	NA	-7.79E-03	-1.42E-04
207	371371	3756798	Commercial	-4.42E-04	-9.41E-07	-1.27E-04	-5.07E-05	-2.56E-04	-1.97E-07	-3.91E-06	NA	-4.66E-04	NA	-6.76E-03	-1.23E-04
208	371484	3756795	Commercial	-4.21E-04	-8.95E-07	-1.22E-04	-4.88E-05	-2.47E-04	-1.90E-07	-3.70E-06	NA	-4.46E-04	NA	-6.40E-03	-1.16E-04
209	371595	3756793	Commercial	-4.14E-04	-8.80E-07	-1.19E-04	-4.75E-05	-2.40E-04	-1.85E-07	-3.66E-06	NA	-4.36E-04	NA	-6.32E-03	-1.15E-04
210	371706	3756791	Commercial	-4.02E-04	-8.55E-07	-1.14E-04	-4.57E-05	-2.31E-04	-1.77E-07	-3.57E-06	NA	-4.21E-04	NA	-6.16E-03	-1.12E-04
211	371818	3756788	Commercial	-3.69E-04	-7.85E-07	-1.05E-04	-4.22E-05	-2.13E-04	-1.64E-07	-3.27E-06	NA	-3.88E-04	NA	-5.65E-03	-1.03E-04
212	371932	3756786	Commercial	-3.35E-04	-7.13E-07	-9.65E-05	-3.86E-05	-1.95E-04	-1.50E-07	-2.96E-06	NA	-3.54E-04	NA	-5.11E-03	-9.30E-05
213	372046	3756783	Commercial	-3.01E-04	-6.41E-07	-8.96E-05	-3.58E-05	-1.82E-04	-1.40E-07	-2.61E-06	NA	-3.24E-04	NA	-4.54E-03	-8.25E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
214	372161	3756780	Commercial	-2.75E-04	-5.86E-07	-8.39E-05	-3.35E-05	-1.70E-04	-1.31E-07	-2.36E-06	NA	-3.00E-04	NA	-4.12E-03	-7.49E-05
215	372275	3756778	Commercial	-2.53E-04	-5.38E-07	-7.86E-05	-3.14E-05	-1.60E-04	-1.23E-07	-2.14E-06	NA	-2.79E-04	NA	-3.75E-03	-6.82E-05
216	372385	3756776	Commercial	-2.34E-04	-4.97E-07	-7.40E-05	-2.96E-05	-1.51E-04	-1.16E-07	-1.96E-06	NA	-2.60E-04	NA	-3.44E-03	-6.25E-05
217	372494	3756773	Commercial	-2.17E-04	-4.62E-07	-7.00E-05	-2.80E-05	-1.43E-04	-1.10E-07	-1.81E-06	NA	-2.44E-04	NA	-3.18E-03	-5.77E-05
218	372604	3756771	Commercial	-2.03E-04	-4.31E-07	-6.63E-05	-2.65E-05	-1.35E-04	-1.04E-07	-1.67E-06	NA	-2.30E-04	NA	-2.94E-03	-5.35E-05
219	372714	3756768	Commercial	-1.89E-04	-4.03E-07	-6.28E-05	-2.51E-05	-1.29E-04	-9.89E-08	-1.55E-06	NA	-2.17E-04	NA	-2.73E-03	-4.97E-05
220	372738	3756742	Commercial	-1.91E-04	-4.06E-07	-6.36E-05	-2.55E-05	-1.30E-04	-1.00E-07	-1.55E-06	NA	-2.19E-04	NA	-2.74E-03	-4.98E-05
221	372733	3756647	Commercial	-1.88E-04	-4.00E-07	-6.41E-05	-2.56E-05	-1.31E-04	-1.01E-07	-1.51E-06	NA	-2.18E-04	NA	-2.68E-03	-4.87E-05
222	372820	3756574	Commercial	-1.72E-04	-3.66E-07	-5.95E-05	-2.38E-05	-1.22E-04	-9.40E-08	-1.37E-06	NA	-2.02E-04	NA	-2.43E-03	-4.42E-05
223	372844	3756548	Commercial	-1.69E-04	-3.60E-07	-5.84E-05	-2.34E-05	-1.20E-04	-9.23E-08	-1.35E-06	NA	-1.98E-04	NA	-2.40E-03	-4.36E-05
224	372839	3756454	Commercial	-1.85E-04	-3.94E-07	-5.96E-05	-2.39E-05	-1.22E-04	-9.36E-08	-1.54E-06	NA	-2.08E-04	NA	-2.71E-03	-4.92E-05
225	372821	3756363	Commercial	-1.76E-04	-3.74E-07	-5.84E-05	-2.34E-05	-1.20E-04	-9.20E-08	-1.43E-06	NA	-2.01E-04	NA	-2.54E-03	-4.61E-05
226	372796	3756343	Commercial	-1.81E-04	-3.85E-07	-6.02E-05	-2.41E-05	-1.23E-04	-9.47E-08	-1.47E-06	NA	-2.07E-04	NA	-2.60E-03	-4.73E-05
227	372731	3756328	Commercial	-1.90E-04	-4.05E-07	-6.31E-05	-2.53E-05	-1.29E-04	-9.94E-08	-1.55E-06	NA	-2.18E-04	NA	-2.74E-03	-4.98E-05
228	372707	3756352	Commercial	-1.91E-04	-4.07E-07	-6.31E-05	-2.53E-05	-1.29E-04	-9.93E-08	-1.57E-06	NA	-2.18E-04	NA	-2.76E-03	-5.03E-05
229	372928	3756344	Commercial	-1.63E-04	-3.46E-07	-5.50E-05	-2.20E-05	-1.13E-04	-8.67E-08	-1.31E-06	NA	-1.88E-04	NA	-2.33E-03	-4.23E-05
230	372952	3756319	Commercial	-1.55E-04	-3.30E-07	-5.37E-05	-2.15E-05	-1.10E-04	-8.48E-08	-1.23E-06	NA	-1.82E-04	NA	-2.19E-03	-3.99E-05
231	372951	3756245	Commercial	-1.48E-04	-3.14E-07	-5.32E-05	-2.13E-05	-1.10E-04	-8.42E-08	-1.14E-06	NA	-1.77E-04	NA	-2.05E-03	-3.72E-05
232	372927	3756270	Commercial	-1.54E-04	-3.28E-07	-5.45E-05	-2.18E-05	-1.12E-04	-8.62E-08	-1.21E-06	NA	-1.83E-04	NA	-2.16E-03	-3.92E-05
233	373033	3756268	Commercial	-1.36E-04	-2.89E-07	-4.97E-05	-1.99E-05	-1.03E-04	-7.89E-08	-1.04E-06	NA	-1.65E-04	NA	-1.87E-03	-3.40E-05
234	373139	3756266	Commercial	-1.20E-04	-2.56E-07	-4.55E-05	-1.82E-05	-9.40E-05	-7.23E-08	-8.95E-07	NA	-1.49E-04	NA	-1.62E-03	-2.95E-05
235	373245	3756264	Commercial	-1.06E-04	-2.26E-07	-4.17E-05	-1.67E-05	-8.64E-05	-6.65E-08	-7.68E-07	NA	-1.34E-04	NA	-1.41E-03	-2.55E-05
236	373351	3756262	Commercial	-9.40E-05	-2.00E-07	-3.83E-05	-1.53E-05	-7.96E-05	-6.12E-08	-6.59E-07	NA	-1.22E-04	NA	-1.22E-03	-2.21E-05
237	373457	3756261	Commercial	-8.62E-05	-1.83E-07	-3.58E-05	-1.43E-05	-7.43E-05	-5.72E-08	-5.95E-07	NA	-1.13E-04	NA	-1.10E-03	-2.01E-05
238	373482	3756235	Commercial	-8.80E-05	-1.87E-07	-3.59E-05	-1.44E-05	-7.46E-05	-5.74E-08	-6.16E-07	NA	-1.14E-04	NA	-1.14E-03	-2.07E-05
239	373480	3756123	Commercial	-1.04E-04	-2.22E-07	-3.91E-05	-1.56E-05	-8.07E-05	-6.20E-08	-7.86E-07	NA	-1.28E-04	NA	-1.42E-03	-2.58E-05
240	373479	3756010	Commercial	-1.11E-04	-2.36E-07	-3.99E-05	-1.60E-05	-8.23E-05	-6.33E-08	-8.56E-07	NA	-1.33E-04	NA	-1.54E-03	-2.79E-05
241	373477	3755897	Commercial	-1.06E-04	-2.25E-07	-3.84E-05	-1.54E-05	-7.91E-05	-6.09E-08	-8.14E-07	NA	-1.28E-04	NA	-1.46E-03	-2.66E-05
242	373476	3755785	Commercial	-1.31E-04	-2.79E-07	-4.11E-05	-1.64E-05	-8.37E-05	-6.44E-08	-1.10E-06	NA	-1.45E-04	NA	-1.93E-03	-3.51E-05
243	373474	3755672	Commercial	-1.29E-04	-2.75E-07	-3.96E-05	-1.58E-05	-8.05E-05	-6.19E-08	-1.10E-06	NA	-1.41E-04	NA	-1.93E-03	-3.50E-05
244	373473	3755559	Commercial	-8.76E-05	-1.86E-07	-3.40E-05	-1.36E-05	-7.03E-05	-5.41E-08	-6.41E-07	NA	-1.10E-04	NA	-1.17E-03	-2.12E-05
245	373447	3755535	Commercial	-9.42E-05	-2.01E-07	-3.55E-05	-1.42E-05	-7.33E-05	-5.64E-08	-7.05E-07	NA	-1.16E-04	NA	-1.28E-03	-2.32E-05
246	373334	3755539	Commercial	-1.01E-04	-2.15E-07	-3.79E-05	-1.52E-05	-7.83E-05	-6.03E-08	-7.57E-07	NA	-1.24E-04	NA	-1.37E-03	-2.49E-05
247	373221	3755544	Commercial	-1.07E-04	-2.29E-07	-4.04E-05	-1.62E-05	-8.35E-05	-6.42E-08	-8.04E-07	NA	-1.32E-04	NA	-1.46E-03	-2.65E-05
248	373197	3755568	Commercial	-1.05E-04	-2.23E-07	-4.02E-05	-1.61E-05	-8.32E-05	-6.40E-08	-7.71E-07	NA	-1.31E-04	NA	-1.40E-03	-2.55E-05
249	373196	3755636	Commercial	-1.06E-04	-2.26E-07	-4.01E-05	-1.61E-05	-8.29E-05	-6.38E-08	-7.93E-07	NA	-1.31E-04	NA	-1.44E-03	-2.61E-05
250	373194	3755705	Commercial	-1.26E-04	-2.68E-07	-4.27E-05	-1.71E-05	-8.75E-05	-6.73E-08	-1.01E-06	NA	-1.46E-04	NA	-1.80E-03	-3.27E-05
251	373220	3755680	Commercial	-1.17E-04	-2.48E-07	-4.11E-05	-1.64E-05	-8.44E-05	-6.49E-08	-9.15E-07	NA	-1.38E-04	NA	-1.63E-03	-2.97E-05
252	373135	3755679	Commercial	-1.20E-04	-2.55E-07	-4.29E-05	-1.72E-05	-8.83E-05	-6.79E-08	-9.29E-07	NA	-1.43E-04	NA	-1.66E-03	-3.03E-05
253	373160	3755704	Commercial	-1.25E-04	-2.65E-07	-4.31E-05	-1.72E-05	-8.84E-05	-6.80E-08	-9.91E-07	NA	-1.46E-04	NA	-1.76E-03	-3.21E-05
254	373158	3755635	Commercial	-1.08E-04	-2.30E-07	-4.10E-05	-1.64E-05	-8.47E-05	-6.52E-08	-8.02E-07	NA	-1.34E-04	NA	-1.46E-03	-2.65E-05
255	373156	3755566	Commercial	-1.08E-04	-2.29E-07	-4.13E-05	-1.65E-05	-8.54E-05	-6.57E-08	-7.95E-07	NA	-1.34E-04	NA	-1.44E-03	-2.63E-05
256	373132	3755542	Commercial	-1.13E-04	-2.40E-07	-4.25E-05	-1.70E-05	-8.78E-05	-6.75E-08	-8.46E-07	NA	-1.39E-04	NA	-1.53E-03	-2.79E-05
257	373055	3755538	Commercial	-1.18E-04	-2.50E-07	-4.43E-05	-1.77E-05	-9.15E-05	-7.04E-08	-8.79E-07	NA	-1.45E-04	NA	-1.59E-03	-2.89E-05
258	373079	3755562	Commercial	-1.13E-04	-2.40E-07	-4.32E-05	-1.73E-05	-8.94E-05	-6.88E-08	-8.34E-07	NA	-1.41E-04	NA	-1.52E-03	-2.76E-05
259	373077	3755465	Commercial	-1.20E-04	-2.56E-07	-4.42E-05	-1.77E-05	-9.11E-05	-7.00E-08	-9.19E-07	NA	-1.46E-04	NA	-1.65E-03	-3.01E-05
260	373075	3755368	Commercial	-1.24E-04	-2.64E-07	-4.44E-05	-1.78E-05	-9.13E-05	-7.02E-08	-9.67E-07	NA	-1.48E-04	NA	-1.73E-03	-3.15E-05
261	373073	3755271	Commercial	-1.21E-04	-2.57E-07	-4.29E-05	-1.72E-05	-8.82E-05	-6.78E-08	-9.41E-07	NA	-1.44E-04	NA	-1.68E-03	-3.06E-05
262	373071	3755174	Commercial	-1.06E-04	-2.25E-07	-3.77E-05	-1.51E-05	-7.76E-05	-5.97E-08	-8.24E-07	NA	-1.26E-04	NA	-1.47E-03	-2.68E-05
263	373046	3755149	Commercial	-1.08E-04	-2.31E-07	-3.71E-05	-1.49E-05	-7.62E-05	-5.86E-08	-8.66E-07	NA	-1.26E-04	NA	-1.54E-03	-2.80E-05
264	372939	3755150	Commercial	-1.32E-04	-2.81E-07	-4.17E-05	-1.67E-05	-8.50E-05	-6.54E-08	-1.11E-06	NA	-1.47E-04	NA	-1.95E-03	-3.54E-05
265	372832	3755151	Commercial	-1.46E-04	-3.12E-07	-4.42E-05	-1.77E-05	-8.98E-05	-6.91E-08	-1.26E-06	NA	-1.59E-04	NA	-2.20E-03	-3.99E-05
266	372725	3755152	Commercial	-1.55E-04	-3.30E-07	-4.53E-05	-1.81E-05	-9.17E-05	-7.05E-08	-1.36E-06	NA	-1.65E-04	NA	-2.36E-03	-4.29E-05
267	372623	3755157	Commercial	-1.64E-04	-3.49E-07	-4.63E-05	-1.85E-05	-9.33E-05	-7.18E-08	-1.46E-06	NA	-1.71E-04	NA	-2.52E-03	-4.58E-05
268	372527	3755158	Commercial	-1.75E-04	-3.73E-07	-4.96E-05	-1.99E-05	-1.00E-04	-7.71E-08	-1.56E-06	NA	-1.83E-04	NA	-2.69E-03	-4.89E-05
269	372431	3755159	Commercial	-2.01E-04	-4.28E-07	-5.86E-05	-2.35E-05	-1.19E-04	-9.12E-08	-1.77E-06	NA	-2.14E-04	NA	-3.06E-03	-5.57E-05
270	372334	3755160	Commercial	-2.09E-04	-4.45E-07	-6.31E-05	-2.53E-05	-1.28E-04	-9.85E-08	-1.80E-06	NA	-2.27E-04	NA	-3.14E-03	-5.71E-05
271	372237	3755161	Commercial	-2.12E-04	-4.50E-07	-6.64E-05	-2.66E-05	-1.35E-04	-1.04E-07	-1.79E-06	NA	-2.34E-04	NA	-3.13E-03	-5.68E-05
272	372139	3755161	Commercial	-2.17E-04	-4.62E-07	-7.01E-05	-2.80E-05	-1.43E-04	-1.10E-07	-1.80E-06	NA	-2.44E-04	NA	-3.17E-03	-5.77E-05
273	372040	3755162	Commercial	-2.35E-04	-5.01E-07	-7.53E-05	-3.01E-05	-1.54E-04	-1.18E-07	-1.96E-06	NA	-2.64E-04	NA	-3.45E-03	-6.27E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
274	371941	3755163	Commercial	-2.54E-04	-5.40E-07	-7.94E-05	-3.18E-05	-1.62E-04	-1.24E-07	-2.14E-06	NA	-2.81E-04	NA	-3.75E-03	-6.82E-05
275	371843	3755164	Commercial	-2.70E-04	-5.74E-07	-8.19E-05	-3.28E-05	-1.66E-04	-1.28E-07	-2.32E-06	NA	-2.93E-04	NA	-4.03E-03	-7.34E-05
276	371748	3755165	Commercial	-2.51E-04	-5.33E-07	-7.93E-05	-3.17E-05	-1.62E-04	-1.24E-07	-2.10E-06	NA	-2.79E-04	NA	-3.69E-03	-6.71E-05
277	371653	3755165	Commercial	-2.67E-04	-5.68E-07	-8.51E-05	-3.41E-05	-1.74E-04	-1.34E-07	-2.23E-06	NA	-2.98E-04	NA	-3.91E-03	-7.12E-05
278	371558	3755166	Commercial	-3.00E-04	-6.38E-07	-9.19E-05	-3.67E-05	-1.87E-04	-1.44E-07	-2.56E-06	NA	-3.28E-04	NA	-4.47E-03	-8.13E-05
279	371463	3755167	Commercial	-3.27E-04	-6.95E-07	-9.72E-05	-3.89E-05	-1.97E-04	-1.52E-07	-2.83E-06	NA	-3.51E-04	NA	-4.92E-03	-8.95E-05
280	371359	3755168	Commercial	-3.51E-04	-7.47E-07	-1.02E-04	-4.09E-05	-2.07E-04	-1.59E-07	-3.08E-06	NA	-3.73E-04	NA	-5.33E-03	-9.70E-05
281	371256	3755169	Commercial	-3.03E-04	-6.44E-07	-8.98E-05	-3.59E-05	-1.82E-04	-1.40E-07	-2.63E-06	NA	-3.25E-04	NA	-4.57E-03	-8.30E-05
282	371152	3755170	Commercial	-3.46E-04	-7.37E-07	-1.02E-04	-4.08E-05	-2.06E-04	-1.59E-07	-3.02E-06	NA	-3.70E-04	NA	-5.24E-03	-9.53E-05
283	371049	3755171	Commercial	-3.80E-04	-8.07E-07	-1.09E-04	-4.35E-05	-2.20E-04	-1.69E-07	-3.36E-06	NA	-4.00E-04	NA	-5.80E-03	-1.06E-04
284	371024	3755197	Commercial	-3.87E-04	-8.22E-07	-1.10E-04	-4.41E-05	-2.23E-04	-1.71E-07	-3.43E-06	NA	-4.06E-04	NA	-5.92E-03	-1.08E-04
285	371028	3755273	Commercial	-4.04E-04	-8.59E-07	-1.15E-04	-4.62E-05	-2.33E-04	-1.79E-07	-3.57E-06	NA	-4.25E-04	NA	-6.18E-03	-1.12E-04
286	371031	3755350	Commercial	-4.07E-04	-8.66E-07	-1.17E-04	-4.68E-05	-2.37E-04	-1.82E-07	-3.59E-06	NA	-4.29E-04	NA	-6.21E-03	-1.13E-04
287	371020	3755376	Commercial	-4.11E-04	-8.74E-07	-1.18E-04	-4.73E-05	-2.39E-04	-1.84E-07	-3.63E-06	NA	-4.33E-04	NA	-6.27E-03	-1.14E-04
288	371018	3755470	Commercial	-3.80E-04	-8.08E-07	-1.12E-04	-4.46E-05	-2.26E-04	-1.74E-07	-3.32E-06	NA	-4.06E-04	NA	-5.76E-03	-1.05E-04
289	371017	3755556	Commercial	-3.86E-04	-8.20E-07	-1.12E-04	-4.48E-05	-2.26E-04	-1.74E-07	-3.39E-06	NA	-4.09E-04	NA	-5.87E-03	-1.07E-04
290	371040	3755532	Commercial	-3.95E-04	-8.41E-07	-1.14E-04	-4.56E-05	-2.30E-04	-1.77E-07	-3.48E-06	NA	-4.18E-04	NA	-6.03E-03	-1.10E-04
291	371026	3755420	Commercial	-3.95E-04	-8.41E-07	-1.15E-04	-4.60E-05	-2.32E-04	-1.79E-07	-3.47E-06	NA	-4.20E-04	NA	-6.01E-03	-1.09E-04
292	371016	3755399	Commercial	-4.07E-04	-8.66E-07	-1.18E-04	-4.70E-05	-2.38E-04	-1.83E-07	-3.59E-06	NA	-4.31E-04	NA	-6.21E-03	-1.13E-04
293	370916	3755327	Commercial	-4.27E-04	-9.08E-07	-1.23E-04	-4.93E-05	-2.49E-04	-1.92E-07	-3.76E-06	NA	-4.51E-04	NA	-6.51E-03	-1.18E-04
294	370816	3755255	Commercial	-4.20E-04	-8.94E-07	-1.20E-04	-4.79E-05	-2.42E-04	-1.86E-07	-3.72E-06	NA	-4.41E-04	NA	-6.44E-03	-1.17E-04
385	370885	3757751	Commercial	-4.13E-04	-8.80E-07	-1.23E-04	-4.91E-05	-2.49E-04	-1.91E-07	-3.59E-06	NA	-4.44E-04	NA	-6.24E-03	-1.13E-04
386	370907	3757702	Commercial	-3.89E-04	-8.28E-07	-1.18E-04	-4.71E-05	-2.39E-04	-1.84E-07	-3.35E-06	NA	-4.22E-04	NA	-5.83E-03	-1.06E-04
387	370945	3757670	Commercial	-3.57E-04	-7.61E-07	-1.09E-04	-4.36E-05	-2.21E-04	-1.70E-07	-3.06E-06	NA	-3.89E-04	NA	-5.34E-03	-9.71E-05
388	371046	3757668	Commercial	-4.42E-04	-9.41E-07	-1.27E-04	-5.09E-05	-2.57E-04	-1.98E-07	-3.90E-06	NA	-4.67E-04	NA	-6.75E-03	-1.23E-04
389	371046	3757585	Commercial	-4.09E-04	-8.70E-07	-1.21E-04	-4.85E-05	-2.46E-04	-1.89E-07	-3.55E-06	NA	-4.38E-04	NA	-6.17E-03	-1.12E-04
390	371122	3757584	Commercial	-3.94E-04	-8.38E-07	-1.15E-04	-4.60E-05	-2.32E-04	-1.79E-07	-3.45E-06	NA	-4.19E-04	NA	-5.99E-03	-1.09E-04
399	371970	3757842	Commercial	-2.56E-04	-5.44E-07	-8.17E-05	-3.27E-05	-1.67E-04	-1.28E-07	-2.13E-06	NA	-2.86E-04	NA	-3.74E-03	-6.81E-05
400	372023	3757843	Commercial	-2.56E-04	-5.44E-07	-8.02E-05	-3.21E-05	-1.63E-04	-1.26E-07	-2.16E-06	NA	-2.83E-04	NA	-3.78E-03	-6.87E-05
401	372020	3757552	Commercial	-2.86E-04	-6.09E-07	-8.75E-05	-3.50E-05	-1.78E-04	-1.37E-07	-2.45E-06	NA	-3.12E-04	NA	-4.27E-03	-7.76E-05
402	372002	3757140	Commercial	-3.17E-04	-6.75E-07	-9.40E-05	-3.76E-05	-1.91E-04	-1.47E-07	-2.76E-06	NA	-3.40E-04	NA	-4.80E-03	-8.72E-05
403	371514	3757136	Commercial	-4.17E-04	-8.87E-07	-1.22E-04	-4.89E-05	-2.48E-04	-1.90E-07	-3.65E-06	NA	-4.45E-04	NA	-6.32E-03	-1.15E-04
404	371035	3757133	Commercial	-5.34E-04	-1.14E-06	-1.35E-04	-5.39E-05	-2.69E-04	-2.07E-07	-5.00E-06	NA	-5.26E-04	NA	-8.53E-03	-1.55E-04
405	371034	3757085	Commercial	-5.64E-04	-1.20E-06	-1.41E-04	-5.66E-05	-2.82E-04	-2.17E-07	-5.29E-06	NA	-5.53E-04	NA	-9.02E-03	-1.64E-04
406	370764	3757087	Commercial	-5.61E-04	-1.19E-06	-1.39E-04	-5.58E-05	-2.78E-04	-2.14E-07	-5.28E-06	NA	-5.48E-04	NA	-8.99E-03	-1.63E-04
407	370754	3756818	Commercial	-9.06E-04	-1.93E-06	-2.14E-04	-8.57E-05	-4.24E-04	-3.26E-07	-8.70E-06	NA	-8.63E-04	NA	-1.47E-02	-2.68E-04
408	371031	3756807	Commercial	-7.09E-04	-1.51E-06	-1.63E-04	-6.54E-05	-3.22E-04	-2.48E-07	-6.87E-06	NA	-6.66E-04	NA	-1.16E-02	-2.11E-04
409	371033	3756780	Commercial	-6.92E-04	-1.47E-06	-1.62E-04	-6.48E-05	-3.20E-04	-2.46E-07	-6.66E-06	NA	-6.55E-04	NA	-1.13E-02	-2.05E-04
410	371483	3756770	Commercial	-4.15E-04	-8.84E-07	-1.19E-04	-4.77E-05	-2.41E-04	-1.85E-07	-3.67E-06	NA	-4.38E-04	NA	-6.35E-03	-1.15E-04
411	371817	3756763	Commercial	-3.76E-04	-8.00E-07	-1.07E-04	-4.29E-05	-2.17E-04	-1.67E-07	-3.33E-06	NA	-3.95E-04	NA	-5.76E-03	-1.05E-04
412	372274	3756753	Commercial	-2.59E-04	-5.51E-07	-8.11E-05	-3.24E-05	-1.65E-04	-1.27E-07	-2.18E-06	NA	-2.87E-04	NA	-3.82E-03	-6.95E-05
413	372713	3756743	Commercial	-1.94E-04	-4.13E-07	-6.45E-05	-2.58E-05	-1.32E-04	-1.02E-07	-1.58E-06	NA	-2.22E-04	NA	-2.80E-03	-5.09E-05
414	372703	3756553	Commercial	-2.02E-04	-4.30E-07	-6.65E-05	-2.66E-05	-1.36E-04	-1.05E-07	-1.66E-06	NA	-2.30E-04	NA	-2.93E-03	-5.32E-05
415	372819	3756549	Commercial	-1.75E-04	-3.72E-07	-5.98E-05	-2.39E-05	-1.23E-04	-9.43E-08	-1.40E-06	NA	-2.03E-04	NA	-2.49E-03	-4.52E-05
416	372814	3756455	Commercial	-1.91E-04	-4.06E-07	-6.09E-05	-2.44E-05	-1.24E-04	-9.56E-08	-1.59E-06	NA	-2.13E-04	NA	-2.79E-03	-5.08E-05
417	372797	3756368	Commercial	-1.78E-04	-3.80E-07	-5.91E-05	-2.36E-05	-1.21E-04	-9.30E-08	-1.46E-06	NA	-2.04E-04	NA	-2.57E-03	-4.68E-05
418	372705	3756372	Commercial	-1.90E-04	-4.03E-07	-6.23E-05	-2.49E-05	-1.27E-04	-9.80E-08	-1.56E-06	NA	-2.16E-04	NA	-2.75E-03	-4.99E-05
419	372706	3756327	Commercial	-1.94E-04	-4.12E-07	-6.42E-05	-2.57E-05	-1.31E-04	-1.01E-07	-1.58E-06	NA	-2.21E-04	NA	-2.79E-03	-5.08E-05
420	372927	3756319	Commercial	-1.59E-04	-3.39E-07	-5.48E-05	-2.19E-05	-1.13E-04	-8.66E-08	-1.27E-06	NA	-1.86E-04	NA	-2.26E-03	-4.11E-05
421	372926	3756245	Commercial	-1.52E-04	-3.24E-07	-5.44E-05	-2.18E-05	-1.12E-04	-8.61E-08	-1.18E-06	NA	-1.82E-04	NA	-2.12E-03	-3.85E-05
422	373457	3756236	Commercial	-8.84E-05	-1.88E-07	-3.63E-05	-1.45E-05	-7.54E-05	-5.80E-08	-6.15E-07	NA	-1.15E-04	NA	-1.14E-03	-2.07E-05
423	373448	3755560	Commercial	-8.92E-05	-1.90E-07	-3.45E-05	-1.38E-05	-7.14E-05	-5.50E-08	-6.54E-07	NA	-1.12E-04	NA	-1.19E-03	-2.17E-05
424	373222	3755569	Commercial	-1.03E-04	-2.19E-07	-3.96E-05	-1.58E-05	-8.19E-05	-6.30E-08	-7.57E-07	NA	-1.29E-04	NA	-1.38E-03	-2.51E-05
425	373219	3755705	Commercial	-1.28E-04	-2.72E-07	-4.26E-05	-1.70E-05	-8.72E-05	-6.71E-08	-1.04E-06	NA	-1.47E-04	NA	-1.84E-03	-3.34E-05
426	373135	3755704	Commercial	-1.26E-04	-2.68E-07	-4.37E-05	-1.75E-05	-8.97E-05	-6.90E-08	-1.00E-06	NA	-1.48E-04	NA	-1.78E-03	-3.24E-05
427	373131	3755567	Commercial	-1.09E-04	-2.32E-07	-4.19E-05	-1.68E-05	-8.66E-05	-6.66E-08	-8.05E-07	NA	-1.36E-04	NA	-1.46E-03	-2.66E-05
428	373054	3755563	Commercial	-1.14E-04	-2.43E-07	-4.38E-05	-1.75E-05	-9.06E-05	-6.97E-08	-8.43E-07	NA	-1.43E-04	NA	-1.53E-03	-2.79E-05
429	373046	3755174	Commercial	-1.06E-04	-2.26E-07	-3.77E-05	-1.51E-05	-7.75E-05	-5.96E-08	-8.32E-07	NA	-1.26E-04	NA	-1.49E-03	-2.70E-05
430	372725	3755177	Commercial	-1.56E-04	-3.32E-07	-4.61E-05	-1.84E-05	-9.33E-05	-7.18E-08	-1.36E-06	NA	-1.67E-04	NA	-2.36E-03	-4.30E-05
431	372624	3755182	Commercial	-1.65E-04	-3.51E-07	-4.72E-05	-1.89E-05	-9.52E-05	-7.33E-08	-1.46E-06	NA	-1.74E-04	NA	-2.53E-03	-4.60E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
432	372238	3755186	Commercial	-2.19E-04	-4.67E-07	-6.74E-05	-2.70E-05	-1.37E-04	-1.05E-07	-1.87E-06	NA	-2.40E-04	NA	-3.27E-03	-5.94E-05
433	371843	3755189	Commercial	-2.73E-04	-5.80E-07	-8.32E-05	-3.33E-05	-1.69E-04	-1.30E-07	-2.33E-06	NA	-2.97E-04	NA	-4.07E-03	-7.40E-05
434	371463	3755192	Commercial	-3.28E-04	-6.98E-07	-9.76E-05	-3.90E-05	-1.98E-04	-1.52E-07	-2.85E-06	NA	-3.53E-04	NA	-4.95E-03	-9.00E-05
435	371049	3755196	Commercial	-3.86E-04	-8.21E-07	-1.11E-04	-4.42E-05	-2.23E-04	-1.72E-07	-3.41E-06	NA	-4.06E-04	NA	-5.90E-03	-1.07E-04
436	371056	3755349	Commercial	-3.93E-04	-8.36E-07	-1.14E-04	-4.55E-05	-2.30E-04	-1.77E-07	-3.46E-06	NA	-4.16E-04	NA	-5.98E-03	-1.09E-04
437	371043	3755384	Commercial	-3.97E-04	-8.46E-07	-1.15E-04	-4.60E-05	-2.32E-04	-1.79E-07	-3.50E-06	NA	-4.21E-04	NA	-6.06E-03	-1.10E-04
438	371042	3755556	Commercial	-4.24E-04	-9.02E-07	-1.21E-04	-4.85E-05	-2.45E-04	-1.88E-07	-3.76E-06	NA	-4.46E-04	NA	-6.49E-03	-1.18E-04
439	370996	3755560	Commercial	-3.66E-04	-7.80E-07	-1.07E-04	-4.29E-05	-2.17E-04	-1.67E-07	-3.21E-06	NA	-3.90E-04	NA	-5.56E-03	-1.01E-04
440	371001	3755419	Commercial	-4.09E-04	-8.70E-07	-1.18E-04	-4.73E-05	-2.39E-04	-1.84E-07	-3.60E-06	NA	-4.32E-04	NA	-6.23E-03	-1.13E-04
441	370801	3755276	Commercial	-4.28E-04	-9.11E-07	-1.21E-04	-4.84E-05	-2.44E-04	-1.88E-07	-3.81E-06	NA	-4.47E-04	NA	-6.58E-03	-1.20E-04
1	372249	3757612	Residence	-2.36E-04	-5.01E-07	-7.33E-05	-2.93E-05	-1.49E-04	-1.15E-07	-2.00E-06	NA	-2.60E-04	NA	-3.49E-03	-6.35E-05
2	372499	3757612	Residence	-2.13E-04	-4.53E-07	-6.62E-05	-2.65E-05	-1.35E-04	-1.04E-07	-1.81E-06	NA	-2.35E-04	NA	-3.16E-03	-5.74E-05
3	372249	3757862	Residence	-2.22E-04	-4.73E-07	-7.16E-05	-2.86E-05	-1.46E-04	-1.12E-07	-1.84E-06	NA	-2.50E-04	NA	-3.24E-03	-5.90E-05
4	372499	3757862	Residence	-1.85E-04	-3.94E-07	-6.22E-05	-2.49E-05	-1.27E-04	-9.79E-08	-1.50E-06	NA	-2.13E-04	NA	-2.66E-03	-4.83E-05
5	372249	3758112	Residence	-1.90E-04	-4.04E-07	-6.47E-05	-2.59E-05	-1.33E-04	-1.02E-07	-1.52E-06	NA	-2.20E-04	NA	-2.71E-03	-4.92E-05
6	372499	3758112	Residence	-1.60E-04	-3.40E-07	-5.42E-05	-2.17E-05	-1.11E-04	-8.54E-08	-1.29E-06	NA	-1.85E-04	NA	-2.29E-03	-4.15E-05
7	372249	3758362	Residence	-1.87E-04	-3.98E-07	-6.17E-05	-2.47E-05	-1.26E-04	-9.70E-08	-1.54E-06	NA	-2.13E-04	NA	-2.71E-03	-4.93E-05
8	372499	3758362	Residence	-1.28E-04	-2.73E-07	-4.88E-05	-1.95E-05	-1.01E-04	-7.75E-08	-9.54E-07	NA	-1.59E-04	NA	-1.73E-03	-3.15E-05
9	373793	3755335	Residence	-1.05E-04	-2.23E-07	-3.43E-05	-1.37E-05	-7.01E-05	-5.40E-08	-8.64E-07	NA	-1.19E-04	NA	-1.52E-03	-2.77E-05
10	374093	3755335	Residence	-8.80E-05	-1.87E-07	-2.91E-05	-1.17E-05	-5.96E-05	-4.58E-08	-7.19E-07	NA	-1.01E-04	NA	-1.27E-03	-2.31E-05
11	373793	3755710	Residence	-1.07E-04	-2.27E-07	-3.45E-05	-1.38E-05	-7.04E-05	-5.41E-08	-8.87E-07	NA	-1.20E-04	NA	-1.56E-03	-2.84E-05
12	374093	3755710	Residence	-9.80E-05	-2.08E-07	-3.15E-05	-1.26E-05	-6.42E-05	-4.94E-08	-8.15E-07	NA	-1.10E-04	NA	-1.43E-03	-2.60E-05
13	373793	3756085	Residence	-1.03E-04	-2.20E-07	-3.58E-05	-1.43E-05	-7.34E-05	-5.65E-08	-8.22E-07	NA	-1.21E-04	NA	-1.46E-03	-2.66E-05
14	374093	3756085	Residence	-9.80E-05	-2.08E-07	-3.24E-05	-1.30E-05	-6.62E-05	-5.09E-08	-8.01E-07	NA	-1.12E-04	NA	-1.41E-03	-2.57E-05
15	373793	3756460	Residence	-1.13E-04	-2.40E-07	-3.68E-05	-1.47E-05	-7.52E-05	-5.78E-08	-9.29E-07	NA	-1.28E-04	NA	-1.64E-03	-2.98E-05
16	374093	3756460	Residence	-1.11E-04	-2.37E-07	-3.43E-05	-1.37E-05	-6.97E-05	-5.36E-08	-9.47E-07	NA	-1.22E-04	NA	-1.65E-03	-3.01E-05
17	373793	3756835	Residence	-9.63E-05	-2.05E-07	-3.40E-05	-1.36E-05	-7.00E-05	-5.38E-08	-7.55E-07	NA	-1.14E-04	NA	-1.35E-03	-2.45E-05
18	374093	3756835	Residence	-9.74E-05	-2.07E-07	-3.20E-05	-1.28E-05	-6.54E-05	-5.03E-08	-8.00E-07	NA	-1.11E-04	NA	-1.41E-03	-2.56E-05
19	373793	3757210	Residence	-1.14E-04	-2.43E-07	-3.64E-05	-1.46E-05	-7.43E-05	-5.72E-08	-9.54E-07	NA	-1.28E-04	NA	-1.68E-03	-3.05E-05
20	374093	3757210	Residence	-1.10E-04	-2.35E-07	-3.35E-05	-1.34E-05	-6.80E-05	-5.23E-08	-9.49E-07	NA	-1.20E-04	NA	-1.65E-03	-3.01E-05
21	373793	3757585	Residence	-1.03E-04	-2.20E-07	-3.21E-05	-1.28E-05	-6.53E-05	-5.02E-08	-8.78E-07	NA	-1.14E-04	NA	-1.54E-03	-2.79E-05
22	374093	3757585	Residence	-1.02E-04	-2.17E-07	-3.05E-05	-1.22E-05	-6.19E-05	-4.76E-08	-8.81E-07	NA	-1.10E-04	NA	-1.53E-03	-2.79E-05
23	373793	3757960	Residence	-1.11E-04	-2.35E-07	-3.54E-05	-1.42E-05	-7.22E-05	-5.55E-08	-9.23E-07	NA	-1.24E-04	NA	-1.62E-03	-2.95E-05
24	374093	3757960	Residence	-1.09E-04	-2.31E-07	-3.30E-05	-1.32E-05	-6.69E-05	-5.15E-08	-9.33E-07	NA	-1.18E-04	NA	-1.63E-03	-2.96E-05
25	373793	3758335	Residence	-9.79E-05	-2.08E-07	-3.08E-05	-1.23E-05	-6.27E-05	-4.82E-08	-8.25E-07	NA	-1.09E-04	NA	-1.45E-03	-2.63E-05
26	374093	3758335	Residence	-9.40E-05	-2.00E-07	-2.93E-05	-1.17E-05	-5.95E-05	-4.58E-08	-7.96E-07	NA	-1.04E-04	NA	-1.39E-03	-2.53E-05
27	373793	3758710	Residence	-1.09E-04	-2.32E-07	-3.29E-05	-1.32E-05	-6.68E-05	-5.14E-08	-9.39E-07	NA	-1.18E-04	NA	-1.63E-03	-2.97E-05
28	374093	3758710	Residence	-1.03E-04	-2.19E-07	-3.01E-05	-1.21E-05	-6.10E-05	-4.69E-08	-9.01E-07	NA	-1.10E-04	NA	-1.56E-03	-2.84E-05
30	367278	3755614	Residence	-1.16E-04	-2.48E-07	-4.24E-05	-1.70E-05	-8.74E-05	-6.73E-08	-8.91E-07	NA	-1.41E-04	NA	-1.60E-03	-2.91E-05
31	367231	3755722	Residence	-1.20E-04	-2.54E-07	-4.28E-05	-1.71E-05	-8.80E-05	-6.77E-08	-9.28E-07	NA	-1.43E-04	NA	-1.66E-03	-3.02E-05
32	367185	3755830	Residence	-1.20E-04	-2.56E-07	-4.25E-05	-1.70E-05	-8.75E-05	-6.73E-08	-9.39E-07	NA	-1.43E-04	NA	-1.68E-03	-3.05E-05
33	367138	3755938	Residence	-1.25E-04	-2.66E-07	-4.31E-05	-1.72E-05	-8.83E-05	-6.80E-08	-9.99E-07	NA	-1.46E-04	NA	-1.78E-03	-3.23E-05
34	367091	3756047	Residence	-1.24E-04	-2.64E-07	-4.28E-05	-1.71E-05	-8.77E-05	-6.75E-08	-9.90E-07	NA	-1.45E-04	NA	-1.76E-03	-3.20E-05
35	367048	3756147	Residence	-1.18E-04	-2.50E-07	-4.13E-05	-1.65E-05	-8.49E-05	-6.53E-08	-9.25E-07	NA	-1.39E-04	NA	-1.65E-03	-3.00E-05
36	367005	3756247	Residence	-1.16E-04	-2.46E-07	-4.07E-05	-1.63E-05	-8.37E-05	-6.44E-08	-9.08E-07	NA	-1.37E-04	NA	-1.62E-03	-2.95E-05
37	366962	3756348	Residence	-1.20E-04	-2.56E-07	-4.15E-05	-1.66E-05	-8.51E-05	-6.54E-08	-9.59E-07	NA	-1.41E-04	NA	-1.71E-03	-3.10E-05
38	366918	3756450	Residence	-1.27E-04	-2.69E-07	-4.21E-05	-1.68E-05	-8.60E-05	-6.62E-08	-1.03E-06	NA	-1.45E-04	NA	-1.82E-03	-3.31E-05
39	366874	3756551	Residence	-1.21E-04	-2.58E-07	-4.03E-05	-1.61E-05	-8.25E-05	-6.35E-08	-9.85E-07	NA	-1.39E-04	NA	-1.74E-03	-3.17E-05
40	366830	3756653	Residence	-1.19E-04	-2.54E-07	-3.91E-05	-1.56E-05	-7.99E-05	-6.14E-08	-9.80E-07	NA	-1.35E-04	NA	-1.73E-03	-3.14E-05
41	366840	3756685	Residence	-1.17E-04	-2.49E-07	-3.88E-05	-1.55E-05	-7.93E-05	-6.10E-08	-9.56E-07	NA	-1.34E-04	NA	-1.69E-03	-3.07E-05
42	366890	3756714	Residence	-1.14E-04	-2.43E-07	-3.87E-05	-1.55E-05	-7.94E-05	-6.10E-08	-9.19E-07	NA	-1.32E-04	NA	-1.63E-03	-2.96E-05
43	366879	3756683	Residence	-1.17E-04	-2.49E-07	-3.92E-05	-1.57E-05	-8.02E-05	-6.17E-08	-9.52E-07	NA	-1.35E-04	NA	-1.68E-03	-3.06E-05
44	366852	3756751	Residence	-1.19E-04	-2.53E-07	-3.97E-05	-1.59E-05	-8.13E-05	-6.25E-08	-9.68E-07	NA	-1.37E-04	NA	-1.71E-03	-3.11E-05
45	366884	3756737	Residence	-1.13E-04	-2.41E-07	-3.88E-05	-1.55E-05	-7.95E-05	-6.12E-08	-9.09E-07	NA	-1.32E-04	NA	-1.61E-03	-2.93E-05
46	366821	3756715	Residence	-1.14E-04	-2.43E-07	-3.80E-05	-1.52E-05	-7.79E-05	-5.99E-08	-9.28E-07	NA	-1.31E-04	NA	-1.64E-03	-2.98E-05
47	366790	3756728	Residence	-1.13E-04	-2.40E-07	-3.75E-05	-1.50E-05	-7.67E-05	-5.90E-08	-9.17E-07	NA	-1.29E-04	NA	-1.62E-03	-2.95E-05
48	366745	3756823	Residence	-1.26E-04	-2.67E-07	-4.03E-05	-1.61E-05	-8.21E-05	-6.32E-08	-1.05E-06	NA	-1.41E-04	NA	-1.84E-03	-3.34E-05
49	366700	3756919	Residence	-1.22E-04	-2.60E-07	-3.93E-05	-1.57E-05	-8.02E-05	-6.17E-08	-1.02E-06	NA	-1.37E-04	NA	-1.79E-03	-3.25E-05
50	366655	3757014	Residence	-1.15E-04	-2.46E-07	-3.74E-05	-1.50E-05	-7.64E-05	-5.88E-08	-9.55E-07	NA	-1.30E-04	NA	-1.68E-03	-3.06E-05
51	366608	3757113	Residence	-1.22E-04	-2.59E-07	-3.80E-05	-1.52E-05	-7.74E-05	-5.95E-08	-1.03E-06	NA	-1.34E-04	NA	-1.80E-03	-3.27E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
52	366561	3757212	Residence	-1.23E-04	-2.62E-07	-3.79E-05	-1.51E-05	-7.69E-05	-5.92E-08	-1.05E-06	NA	-1.35E-04	NA	-1.83E-03	-3.34E-05
53	366514	3757311	Residence	-1.21E-04	-2.57E-07	-3.71E-05	-1.48E-05	-7.53E-05	-5.79E-08	-1.03E-06	NA	-1.32E-04	NA	-1.80E-03	-3.27E-05
54	366464	3757416	Residence	-1.22E-04	-2.59E-07	-3.66E-05	-1.47E-05	-7.43E-05	-5.72E-08	-1.05E-06	NA	-1.32E-04	NA	-1.82E-03	-3.32E-05
55	366415	3757520	Residence	-1.20E-04	-2.56E-07	-3.61E-05	-1.45E-05	-7.33E-05	-5.64E-08	-1.04E-06	NA	-1.30E-04	NA	-1.81E-03	-3.29E-05
56	366434	3757556	Residence	-1.18E-04	-2.52E-07	-3.58E-05	-1.43E-05	-7.28E-05	-5.60E-08	-1.02E-06	NA	-1.28E-04	NA	-1.77E-03	-3.22E-05
57	366484	3757562	Residence	-1.18E-04	-2.52E-07	-3.62E-05	-1.45E-05	-7.35E-05	-5.65E-08	-1.01E-06	NA	-1.29E-04	NA	-1.77E-03	-3.22E-05
58	366567	3757525	Residence	-1.20E-04	-2.54E-07	-3.70E-05	-1.48E-05	-7.53E-05	-5.79E-08	-1.02E-06	NA	-1.31E-04	NA	-1.78E-03	-3.23E-05
59	366621	3757539	Residence	-1.22E-04	-2.59E-07	-3.77E-05	-1.51E-05	-7.66E-05	-5.89E-08	-1.03E-06	NA	-1.34E-04	NA	-1.81E-03	-3.28E-05
60	366646	3757556	Residence	-1.24E-04	-2.64E-07	-3.83E-05	-1.53E-05	-7.78E-05	-5.98E-08	-1.05E-06	NA	-1.36E-04	NA	-1.84E-03	-3.35E-05
61	366713	3757550	Residence	-1.24E-04	-2.65E-07	-3.89E-05	-1.55E-05	-7.91E-05	-6.09E-08	-1.05E-06	NA	-1.37E-04	NA	-1.84E-03	-3.35E-05
62	366779	3757545	Residence	-1.25E-04	-2.65E-07	-3.95E-05	-1.58E-05	-8.05E-05	-6.19E-08	-1.05E-06	NA	-1.39E-04	NA	-1.84E-03	-3.34E-05
63	366839	3757583	Residence	-1.22E-04	-2.60E-07	-3.94E-05	-1.58E-05	-8.05E-05	-6.19E-08	-1.01E-06	NA	-1.37E-04	NA	-1.78E-03	-3.24E-05
64	366913	3757623	Residence	-1.26E-04	-2.68E-07	-4.04E-05	-1.62E-05	-8.24E-05	-6.34E-08	-1.05E-06	NA	-1.41E-04	NA	-1.85E-03	-3.36E-05
65	366986	3757664	Residence	-1.27E-04	-2.71E-07	-4.11E-05	-1.64E-05	-8.38E-05	-6.45E-08	-1.06E-06	NA	-1.43E-04	NA	-1.86E-03	-3.38E-05
66	367074	3757713	Residence	-1.24E-04	-2.64E-07	-4.12E-05	-1.65E-05	-8.42E-05	-6.48E-08	-1.01E-06	NA	-1.42E-04	NA	-1.79E-03	-3.26E-05
67	367162	3757761	Residence	-1.27E-04	-2.70E-07	-4.21E-05	-1.69E-05	-8.62E-05	-6.63E-08	-1.04E-06	NA	-1.45E-04	NA	-1.83E-03	-3.33E-05
68	367300	3757718	Residence	-1.27E-04	-2.70E-07	-4.37E-05	-1.75E-05	-8.97E-05	-6.90E-08	-1.01E-06	NA	-1.48E-04	NA	-1.80E-03	-3.27E-05
69	367385	3757734	Residence	-1.22E-04	-2.60E-07	-4.37E-05	-1.75E-05	-8.99E-05	-6.91E-08	-9.48E-07	NA	-1.46E-04	NA	-1.70E-03	-3.09E-05
70	367398	3757758	Residence	-1.18E-04	-2.51E-07	-4.30E-05	-1.72E-05	-8.86E-05	-6.81E-08	-9.05E-07	NA	-1.43E-04	NA	-1.63E-03	-2.96E-05
71	367506	3757818	Residence	-1.27E-04	-2.70E-07	-4.61E-05	-1.84E-05	-9.50E-05	-7.30E-08	-9.72E-07	NA	-1.53E-04	NA	-1.75E-03	-3.18E-05
72	367533	3757826	Residence	-1.24E-04	-2.65E-07	-4.60E-05	-1.84E-05	-9.48E-05	-7.29E-08	-9.45E-07	NA	-1.52E-04	NA	-1.70E-03	-3.10E-05
73	367561	3757814	Residence	-1.24E-04	-2.65E-07	-4.64E-05	-1.85E-05	-9.57E-05	-7.36E-08	-9.38E-07	NA	-1.52E-04	NA	-1.69E-03	-3.08E-05
78	367786	3757842	Residence	-1.38E-04	-2.93E-07	-5.12E-05	-2.05E-05	-1.06E-04	-8.12E-08	-1.04E-06	NA	-1.68E-04	NA	-1.88E-03	-3.41E-05
79	367782	3757935	Residence	-1.30E-04	-2.76E-07	-4.94E-05	-1.98E-05	-1.02E-04	-7.86E-08	-9.62E-07	NA	-1.61E-04	NA	-1.75E-03	-3.18E-05
80	367752	3757969	Residence	-1.28E-04	-2.73E-07	-4.85E-05	-1.94E-05	-1.00E-04	-7.71E-08	-9.56E-07	NA	-1.59E-04	NA	-1.73E-03	-3.15E-05
81	367775	3758021	Residence	-1.26E-04	-2.69E-07	-4.78E-05	-1.91E-05	-9.89E-05	-7.60E-08	-9.41E-07	NA	-1.56E-04	NA	-1.71E-03	-3.10E-05
82	367808	3758034	Residence	-1.33E-04	-2.83E-07	-4.90E-05	-1.96E-05	-1.01E-04	-7.77E-08	-1.01E-06	NA	-1.62E-04	NA	-1.82E-03	-3.31E-05
83	367866	3758009	Residence	-1.44E-04	-3.07E-07	-5.17E-05	-2.07E-05	-1.06E-04	-8.19E-08	-1.12E-06	NA	-1.73E-04	NA	-2.01E-03	-3.65E-05
84	367924	3757985	Residence	-1.56E-04	-3.32E-07	-5.45E-05	-2.18E-05	-1.12E-04	-8.61E-08	-1.23E-06	NA	-1.84E-04	NA	-2.20E-03	-4.00E-05
85	367938	3757954	Residence	-1.59E-04	-3.39E-07	-5.57E-05	-2.23E-05	-1.14E-04	-8.80E-08	-1.26E-06	NA	-1.88E-04	NA	-2.24E-03	-4.07E-05
86	367928	3757923	Residence	-1.57E-04	-3.34E-07	-5.57E-05	-2.23E-05	-1.15E-04	-8.82E-08	-1.23E-06	NA	-1.87E-04	NA	-2.19E-03	-3.99E-05
87	367915	3757953	Residence	-1.54E-04	-3.28E-07	-5.46E-05	-2.19E-05	-1.12E-04	-8.64E-08	-1.20E-06	NA	-1.83E-04	NA	-2.15E-03	-3.91E-05
88	368017	3757908	Residence	-1.77E-04	-3.77E-07	-6.02E-05	-2.41E-05	-1.23E-04	-9.49E-08	-1.43E-06	NA	-2.06E-04	NA	-2.53E-03	-4.60E-05
89	368119	3757863	Residence	-2.04E-04	-4.34E-07	-6.64E-05	-2.66E-05	-1.36E-04	-1.04E-07	-1.68E-06	NA	-2.31E-04	NA	-2.96E-03	-5.39E-05
90	368180	3757839	Residence	-2.19E-04	-4.67E-07	-7.00E-05	-2.80E-05	-1.43E-04	-1.10E-07	-1.83E-06	NA	-2.45E-04	NA	-3.22E-03	-5.85E-05
91	368242	3757814	Residence	-2.35E-04	-5.00E-07	-7.36E-05	-2.94E-05	-1.50E-04	-1.15E-07	-1.99E-06	NA	-2.60E-04	NA	-3.47E-03	-6.32E-05
92	368318	3757785	Residence	-2.54E-04	-5.41E-07	-7.79E-05	-3.12E-05	-1.58E-04	-1.22E-07	-2.17E-06	NA	-2.78E-04	NA	-3.79E-03	-6.89E-05
93	368407	3757788	Residence	-2.63E-04	-5.59E-07	-7.91E-05	-3.16E-05	-1.61E-04	-1.23E-07	-2.27E-06	NA	-2.84E-04	NA	-3.94E-03	-7.17E-05
94	368505	3757789	Residence	-2.78E-04	-5.92E-07	-8.57E-05	-3.43E-05	-1.74E-04	-1.34E-07	-2.37E-06	NA	-3.05E-04	NA	-4.14E-03	-7.52E-05
95	368603	3757790	Residence	-2.83E-04	-6.01E-07	-8.95E-05	-3.58E-05	-1.82E-04	-1.40E-07	-2.37E-06	NA	-3.15E-04	NA	-4.16E-03	-7.56E-05
96	368628	3757765	Residence	-2.95E-04	-6.28E-07	-9.23E-05	-3.69E-05	-1.88E-04	-1.45E-07	-2.49E-06	NA	-3.26E-04	NA	-4.36E-03	-7.93E-05
97	368676	3757781	Residence	-2.93E-04	-6.24E-07	-9.18E-05	-3.67E-05	-1.87E-04	-1.44E-07	-2.47E-06	NA	-3.24E-04	NA	-4.33E-03	-7.88E-05
98	368759	3757821	Residence	-3.11E-04	-6.62E-07	-9.27E-05	-3.71E-05	-1.88E-04	-1.45E-07	-2.70E-06	NA	-3.35E-04	NA	-4.69E-03	-8.53E-05
99	368839	3757872	Residence	-3.21E-04	-6.82E-07	-9.27E-05	-3.71E-05	-1.87E-04	-1.44E-07	-2.83E-06	NA	-3.39E-04	NA	-4.89E-03	-8.89E-05
100	368921	3757924	Residence	-3.03E-04	-6.45E-07	-9.41E-05	-3.76E-05	-1.91E-04	-1.47E-07	-2.57E-06	NA	-3.34E-04	NA	-4.50E-03	-8.17E-05
101	369004	3757976	Residence	-3.32E-04	-7.06E-07	-1.01E-04	-4.03E-05	-2.05E-04	-1.58E-07	-2.84E-06	NA	-3.61E-04	NA	-4.96E-03	-9.02E-05
102	369038	3757969	Residence	-3.47E-04	-7.39E-07	-1.04E-04	-4.14E-05	-2.10E-04	-1.62E-07	-3.01E-06	NA	-3.74E-04	NA	-5.23E-03	-9.51E-05
103	369101	3757878	Residence	-3.67E-04	-7.81E-07	-1.10E-04	-4.39E-05	-2.22E-04	-1.71E-07	-3.18E-06	NA	-3.96E-04	NA	-5.53E-03	-1.01E-04
104	369067	3757885	Residence	-3.50E-04	-7.44E-07	-1.06E-04	-4.25E-05	-2.16E-04	-1.66E-07	-3.00E-06	NA	-3.81E-04	NA	-5.23E-03	-9.51E-05
105	369139	3757930	Residence	-3.73E-04	-7.93E-07	-1.10E-04	-4.39E-05	-2.22E-04	-1.71E-07	-3.25E-06	NA	-3.99E-04	NA	-5.65E-03	-1.03E-04
106	369211	3757974	Residence	-3.53E-04	-7.51E-07	-1.06E-04	-4.23E-05	-2.14E-04	-1.65E-07	-3.05E-06	NA	-3.81E-04	NA	-5.31E-03	-9.66E-05
107	369243	3757968	Residence	-3.51E-04	-7.48E-07	-1.06E-04	-4.23E-05	-2.15E-04	-1.65E-07	-3.03E-06	NA	-3.80E-04	NA	-5.28E-03	-9.59E-05
108	369305	3757894	Residence	-3.74E-04	-7.96E-07	-1.12E-04	-4.48E-05	-2.27E-04	-1.75E-07	-3.23E-06	NA	-4.03E-04	NA	-5.62E-03	-1.02E-04
109	369366	3757820	Residence	-3.93E-04	-8.37E-07	-1.18E-04	-4.71E-05	-2.39E-04	-1.83E-07	-3.41E-06	NA	-4.24E-04	NA	-5.92E-03	-1.08E-04
110	369436	3757794	Residence	-4.19E-04	-8.92E-07	-1.24E-04	-4.97E-05	-2.52E-04	-1.94E-07	-3.65E-06	NA	-4.50E-04	NA	-6.33E-03	-1.15E-04
111	369435	3757760	Residence	-3.96E-04	-8.43E-07	-1.20E-04	-4.81E-05	-2.44E-04	-1.88E-07	-3.40E-06	NA	-4.31E-04	NA	-5.93E-03	-1.08E-04
112	369251	3758017	Residence	-3.32E-04	-7.07E-07	-1.02E-04	-4.09E-05	-2.08E-04	-1.60E-07	-2.83E-06	NA	-3.64E-04	NA	-4.95E-03	-8.99E-05
113	369344	3758083	Residence	-3.70E-04	-7.87E-07	-1.03E-04	-4.12E-05	-2.08E-04	-1.60E-07	-3.32E-06	NA	-3.84E-04	NA	-5.71E-03	-1.04E-04
114	369437	3758148	Residence	-3.46E-04	-7.37E-07	-9.46E-05	-3.78E-05	-1.90E-04	-1.46E-07	-3.13E-06	NA	-3.55E-04	NA	-5.39E-03	-9.80E-05
115	369429	3758218	Residence	-3.24E-04	-6.88E-07	-9.00E-05	-3.60E-05	-1.81E-04	-1.39E-07	-2.90E-06	NA	-3.35E-04	NA	-5.00E-03	-9.09E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
116	369432	3758306	Residence	-2.85E-04	-6.07E-07	-8.23E-05	-3.29E-05	-1.66E-04	-1.28E-07	-2.51E-06	NA	-3.01E-04	NA	-4.35E-03	-7.91E-05
117	369435	3758395	Residence	-2.53E-04	-5.39E-07	-7.51E-05	-3.00E-05	-1.52E-04	-1.17E-07	-2.20E-06	NA	-2.72E-04	NA	-3.83E-03	-6.95E-05
118	369460	3758419	Residence	-2.61E-04	-5.55E-07	-7.55E-05	-3.02E-05	-1.53E-04	-1.17E-07	-2.29E-06	NA	-2.76E-04	NA	-3.97E-03	-7.22E-05
119	369558	3758419	Residence	-2.96E-04	-6.29E-07	-8.19E-05	-3.27E-05	-1.65E-04	-1.27E-07	-2.66E-06	NA	-3.06E-04	NA	-4.58E-03	-8.32E-05
120	369657	3758419	Residence	-2.92E-04	-6.21E-07	-8.54E-05	-3.42E-05	-1.73E-04	-1.33E-07	-2.55E-06	NA	-3.11E-04	NA	-4.43E-03	-8.05E-05
121	369755	3758419	Residence	-2.74E-04	-5.82E-07	-8.43E-05	-3.37E-05	-1.71E-04	-1.32E-07	-2.33E-06	NA	-3.00E-04	NA	-4.07E-03	-7.40E-05
122	369853	3758419	Residence	-2.96E-04	-6.31E-07	-8.45E-05	-3.38E-05	-1.71E-04	-1.31E-07	-2.63E-06	NA	-3.11E-04	NA	-4.54E-03	-8.26E-05
123	369878	3758394	Residence	-3.11E-04	-6.61E-07	-8.61E-05	-3.44E-05	-1.73E-04	-1.33E-07	-2.79E-06	NA	-3.21E-04	NA	-4.81E-03	-8.74E-05
124	369877	3758289	Residence	-3.25E-04	-6.92E-07	-9.17E-05	-3.67E-05	-1.85E-04	-1.42E-07	-2.90E-06	NA	-3.39E-04	NA	-5.00E-03	-9.10E-05
125	369876	3758183	Residence	-3.37E-04	-7.18E-07	-9.70E-05	-3.88E-05	-1.96E-04	-1.51E-07	-2.98E-06	NA	-3.56E-04	NA	-5.16E-03	-9.38E-05
126	369962	3758103	Residence	-3.98E-04	-8.46E-07	-1.07E-04	-4.27E-05	-2.14E-04	-1.65E-07	-3.62E-06	NA	-4.04E-04	NA	-6.22E-03	-1.13E-04
127	370075	3758103	Residence	-3.97E-04	-8.45E-07	-1.14E-04	-4.56E-05	-2.31E-04	-1.77E-07	-3.51E-06	NA	-4.19E-04	NA	-6.07E-03	-1.10E-04
128	370187	3758103	Residence	-3.95E-04	-8.40E-07	-1.13E-04	-4.53E-05	-2.29E-04	-1.76E-07	-3.49E-06	NA	-4.16E-04	NA	-6.03E-03	-1.10E-04
129	370299	3758103	Residence	-3.83E-04	-8.15E-07	-1.12E-04	-4.50E-05	-2.28E-04	-1.75E-07	-3.35E-06	NA	-4.09E-04	NA	-5.80E-03	-1.06E-04
136	370506	3758113	Residence	-4.32E-04	-9.19E-07	-1.25E-04	-5.01E-05	-2.53E-04	-1.95E-07	-3.80E-06	NA	-4.58E-04	NA	-6.58E-03	-1.20E-04
137	370601	3758113	Residence	-3.94E-04	-8.38E-07	-1.13E-04	-4.53E-05	-2.29E-04	-1.76E-07	-3.48E-06	NA	-4.15E-04	NA	-6.02E-03	-1.09E-04
138	370696	3758114	Residence	-3.85E-04	-8.19E-07	-1.03E-04	-4.12E-05	-2.06E-04	-1.59E-07	-3.52E-06	NA	-3.90E-04	NA	-6.03E-03	-1.10E-04
139	370791	3758114	Residence	-3.83E-04	-8.14E-07	-9.73E-05	-3.89E-05	-1.94E-04	-1.49E-07	-3.57E-06	NA	-3.78E-04	NA	-6.09E-03	-1.11E-04
140	370886	3758114	Residence	-3.51E-04	-7.46E-07	-9.34E-05	-3.74E-05	-1.87E-04	-1.44E-07	-3.21E-06	NA	-3.55E-04	NA	-5.50E-03	-1.00E-04
154	371170	3757732	Residence	-4.23E-04	-9.01E-07	-1.23E-04	-4.91E-05	-2.48E-04	-1.91E-07	-3.73E-06	NA	-4.48E-04	NA	-6.45E-03	-1.17E-04
155	371240	3757783	Residence	-4.16E-04	-8.85E-07	-1.20E-04	-4.79E-05	-2.42E-04	-1.86E-07	-3.67E-06	NA	-4.39E-04	NA	-6.35E-03	-1.16E-04
156	371264	3757808	Residence	-4.11E-04	-8.75E-07	-1.18E-04	-4.73E-05	-2.39E-04	-1.84E-07	-3.63E-06	NA	-4.34E-04	NA	-6.28E-03	-1.14E-04
157	371372	3757807	Residence	-3.65E-04	-7.77E-07	-1.04E-04	-4.16E-05	-2.10E-04	-1.61E-07	-3.24E-06	NA	-3.83E-04	NA	-5.60E-03	-1.02E-04
158	371385	3757827	Residence	-3.59E-04	-7.65E-07	-1.03E-04	-4.11E-05	-2.07E-04	-1.60E-07	-3.18E-06	NA	-3.78E-04	NA	-5.50E-03	-1.00E-04
159	371485	3757895	Residence	-3.15E-04	-6.71E-07	-9.08E-05	-3.63E-05	-1.83E-04	-1.41E-07	-2.78E-06	NA	-3.33E-04	NA	-4.81E-03	-8.75E-05
160	371585	3757964	Residence	-2.83E-04	-6.01E-07	-8.17E-05	-3.27E-05	-1.65E-04	-1.27E-07	-2.49E-06	NA	-2.99E-04	NA	-4.31E-03	-7.83E-05
161	371684	3758032	Residence	-2.59E-04	-5.52E-07	-7.74E-05	-3.10E-05	-1.57E-04	-1.21E-07	-2.25E-06	NA	-2.79E-04	NA	-3.90E-03	-7.10E-05
162	371784	3758101	Residence	-2.39E-04	-5.08E-07	-7.34E-05	-2.93E-05	-1.49E-04	-1.15E-07	-2.03E-06	NA	-2.61E-04	NA	-3.55E-03	-6.46E-05
163	371818	3758095	Residence	-2.39E-04	-5.08E-07	-7.47E-05	-2.99E-05	-1.52E-04	-1.17E-07	-2.02E-06	NA	-2.64E-04	NA	-3.54E-03	-6.43E-05
164	371873	3758022	Residence	-2.65E-04	-5.63E-07	-8.21E-05	-3.29E-05	-1.67E-04	-1.29E-07	-2.25E-06	NA	-2.91E-04	NA	-3.93E-03	-7.14E-05
165	371928	3757949	Residence	-2.61E-04	-5.56E-07	-8.22E-05	-3.29E-05	-1.67E-04	-1.29E-07	-2.20E-06	NA	-2.90E-04	NA	-3.85E-03	-7.01E-05
166	371969	3757946	Residence	-2.51E-04	-5.34E-07	-8.03E-05	-3.21E-05	-1.64E-04	-1.26E-07	-2.10E-06	NA	-2.81E-04	NA	-3.68E-03	-6.69E-05
167	371989	3757924	Residence	-2.49E-04	-5.30E-07	-8.00E-05	-3.20E-05	-1.63E-04	-1.26E-07	-2.07E-06	NA	-2.80E-04	NA	-3.64E-03	-6.63E-05
295	370737	3755244	Residence	-4.32E-04	-9.18E-07	-1.14E-04	-4.56E-05	-2.29E-04	-1.76E-07	-3.96E-06	NA	-4.35E-04	NA	-6.79E-03	-1.23E-04
296	370669	3755237	Residence	-4.00E-04	-8.51E-07	-9.92E-05	-3.97E-05	-1.97E-04	-1.52E-07	-3.77E-06	NA	-3.90E-04	NA	-6.41E-03	-1.17E-04
297	370571	3755237	Residence	-4.07E-04	-8.66E-07	-1.02E-04	-4.08E-05	-2.03E-04	-1.56E-07	-3.82E-06	NA	-3.99E-04	NA	-6.51E-03	-1.18E-04
298	370476	3755238	Residence	-4.49E-04	-9.55E-07	-1.11E-04	-4.43E-05	-2.20E-04	-1.69E-07	-4.24E-06	NA	-4.37E-04	NA	-7.21E-03	-1.31E-04
299	370380	3755238	Residence	-3.92E-04	-8.34E-07	-9.54E-05	-3.82E-05	-1.90E-04	-1.46E-07	-3.72E-06	NA	-3.79E-04	NA	-6.33E-03	-1.15E-04
300	370279	3755239	Residence	-4.37E-04	-9.30E-07	-1.13E-04	-4.51E-05	-2.25E-04	-1.73E-07	-4.06E-06	NA	-4.35E-04	NA	-6.93E-03	-1.26E-04
301	370177	3755240	Residence	-4.36E-04	-9.27E-07	-1.20E-04	-4.79E-05	-2.41E-04	-1.85E-07	-3.93E-06	NA	-4.49E-04	NA	-6.76E-03	-1.23E-04
302	370076	3755240	Residence	-4.21E-04	-8.97E-07	-1.11E-04	-4.44E-05	-2.23E-04	-1.71E-07	-3.87E-06	NA	-4.24E-04	NA	-6.63E-03	-1.21E-04
303	369979	3755241	Residence	-4.63E-04	-9.85E-07	-1.26E-04	-5.03E-05	-2.53E-04	-1.94E-07	-4.20E-06	NA	-4.74E-04	NA	-7.22E-03	-1.31E-04
304	369883	3755241	Residence	-4.06E-04	-8.65E-07	-1.17E-04	-4.68E-05	-2.36E-04	-1.82E-07	-3.59E-06	NA	-4.29E-04	NA	-6.21E-03	-1.13E-04
306	369690	3755242	Residence	-4.61E-04	-9.80E-07	-1.32E-04	-5.26E-05	-2.66E-04	-2.04E-07	-4.08E-06	NA	-4.84E-04	NA	-7.06E-03	-1.28E-04
307	369594	3755243	Residence	-4.01E-04	-8.53E-07	-1.14E-04	-4.56E-05	-2.30E-04	-1.77E-07	-3.56E-06	NA	-4.21E-04	NA	-6.15E-03	-1.12E-04
308	369498	3755243	Residence	-4.25E-04	-9.04E-07	-1.22E-04	-4.88E-05	-2.46E-04	-1.89E-07	-3.76E-06	NA	-4.48E-04	NA	-6.50E-03	-1.18E-04
309	369396	3755244	Residence	-4.51E-04	-9.59E-07	-1.41E-04	-5.63E-05	-2.86E-04	-2.20E-07	-3.81E-06	NA	-4.98E-04	NA	-6.67E-03	-1.21E-04
310	369295	3755244	Residence	-3.26E-04	-6.93E-07	-1.41E-04	-5.64E-05	-2.94E-04	-2.26E-07	-2.16E-06	NA	-4.39E-04	NA	-4.05E-03	-7.37E-05
311	369193	3755245	Residence	-3.02E-04	-6.43E-07	-1.45E-04	-5.80E-05	-3.04E-04	-2.34E-07	-1.79E-06	NA	-4.35E-04	NA	-3.49E-03	-6.34E-05
312	369092	3755245	Residence	-3.75E-04	-7.97E-07	-1.52E-04	-6.07E-05	-3.15E-04	-2.42E-07	-2.64E-06	NA	-4.84E-04	NA	-4.87E-03	-8.85E-05
313	368991	3755246	Residence	-3.72E-04	-7.91E-07	-1.32E-04	-5.30E-05	-2.72E-04	-2.10E-07	-2.89E-06	NA	-4.43E-04	NA	-5.18E-03	-9.42E-05
314	368889	3755247	Residence	-2.89E-04	-6.16E-07	-9.32E-05	-3.73E-05	-1.90E-04	-1.46E-07	-2.40E-06	NA	-3.25E-04	NA	-4.23E-03	-7.69E-05
315	368782	3755247	Residence	-2.92E-04	-6.22E-07	-8.77E-05	-3.51E-05	-1.78E-04	-1.37E-07	-2.53E-06	NA	-3.16E-04	NA	-4.39E-03	-7.99E-05
316	368676	3755248	Residence	-2.92E-04	-6.22E-07	-8.85E-05	-3.54E-05	-1.80E-04	-1.38E-07	-2.52E-06	NA	-3.17E-04	NA	-4.38E-03	-7.97E-05
317	368569	3755248	Residence	-2.75E-04	-5.86E-07	-8.44E-05	-3.38E-05	-1.72E-04	-1.32E-07	-2.35E-06	NA	-3.01E-04	NA	-4.10E-03	-7.46E-05
318	368471	3755249	Residence	-2.56E-04	-5.46E-07	-8.00E-05	-3.20E-05	-1.63E-04	-1.25E-07	-2.17E-06	NA	-2.83E-04	NA	-3.79E-03	-6.90E-05
319	368373	3755249	Residence	-2.46E-04	-5.24E-07	-7.69E-05	-3.07E-05	-1.56E-04	-1.20E-07	-2.08E-06	NA	-2.72E-04	NA	-3.64E-03	-6.62E-05
320	368275	3755250	Residence	-2.21E-04	-4.70E-07	-7.09E-05	-2.84E-05	-1.45E-04	-1.11E-07	-1.84E-06	NA	-2.48E-04	NA	-3.23E-03	-5.87E-05
321	368167	3755230	Residence	-1.98E-04	-4.21E-07	-6.43E-05	-2.57E-05	-1.31E-04	-1.01E-07	-1.64E-06	NA	-2.24E-04	NA	-2.88E-03	-5.24E-05
322	368054	3755209	Residence	-1.67E-04	-3.56E-07	-5.64E-05	-2.26E-05	-1.16E-04	-8.89E-08	-1.35E-06	NA	-1.93E-04	NA	-2.39E-03	-4.35E-05

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
323	367941	3755189	Residence	-1.43E-04	-3.04E-07	-5.14E-05	-2.06E-05	-1.06E-04	-8.14E-08	-1.10E-06	NA	-1.71E-04	NA	-1.98E-03	-3.60E-05
324	367824	3755185	Residence	-1.29E-04	-2.75E-07	-4.82E-05	-1.93E-05	-9.96E-05	-7.66E-08	-9.74E-07	NA	-1.59E-04	NA	-1.76E-03	-3.20E-05
325	367711	3755181	Residence	-1.31E-04	-2.78E-07	-4.73E-05	-1.89E-05	-9.73E-05	-7.49E-08	-1.01E-06	NA	-1.57E-04	NA	-1.81E-03	-3.29E-05
326	367598	3755178	Residence	-1.28E-04	-2.73E-07	-4.55E-05	-1.82E-05	-9.35E-05	-7.20E-08	-1.00E-06	NA	-1.52E-04	NA	-1.79E-03	-3.25E-05
327	367484	3755174	Residence	-1.22E-04	-2.60E-07	-4.32E-05	-1.73E-05	-8.89E-05	-6.84E-08	-9.58E-07	NA	-1.45E-04	NA	-1.71E-03	-3.11E-05
328	367461	3755189	Residence	-1.25E-04	-2.65E-07	-4.36E-05	-1.74E-05	-8.96E-05	-6.89E-08	-9.83E-07	NA	-1.47E-04	NA	-1.75E-03	-3.19E-05
329	367415	3755295	Residence	-1.26E-04	-2.69E-07	-4.43E-05	-1.77E-05	-9.11E-05	-7.00E-08	-9.96E-07	NA	-1.49E-04	NA	-1.78E-03	-3.23E-05
330	367369	3755401	Residence	-1.25E-04	-2.67E-07	-4.36E-05	-1.74E-05	-8.96E-05	-6.89E-08	-9.92E-07	NA	-1.47E-04	NA	-1.77E-03	-3.21E-05
331	367324	3755507	Residence	-1.18E-04	-2.51E-07	-4.26E-05	-1.70E-05	-8.78E-05	-6.75E-08	-9.12E-07	NA	-1.42E-04	NA	-1.64E-03	-2.97E-05
332	367484	3755199	Residence	-1.25E-04	-2.65E-07	-4.39E-05	-1.76E-05	-9.02E-05	-6.94E-08	-9.78E-07	NA	-1.48E-04	NA	-1.75E-03	-3.18E-05
333	367301	3755623	Residence	-1.16E-04	-2.47E-07	-4.27E-05	-1.71E-05	-8.80E-05	-6.77E-08	-8.85E-07	NA	-1.41E-04	NA	-1.59E-03	-2.90E-05
334	367114	3756056	Residence	-1.24E-04	-2.64E-07	-4.30E-05	-1.72E-05	-8.83E-05	-6.79E-08	-9.87E-07	NA	-1.46E-04	NA	-1.76E-03	-3.19E-05
335	366985	3756358	Residence	-1.23E-04	-2.61E-07	-4.21E-05	-1.68E-05	-8.64E-05	-6.64E-08	-9.81E-07	NA	-1.43E-04	NA	-1.74E-03	-3.17E-05
336	366853	3756663	Residence	-1.19E-04	-2.52E-07	-3.92E-05	-1.57E-05	-8.02E-05	-6.17E-08	-9.71E-07	NA	-1.35E-04	NA	-1.71E-03	-3.12E-05
337	366902	3756692	Residence	-1.16E-04	-2.48E-07	-3.93E-05	-1.57E-05	-8.04E-05	-6.19E-08	-9.39E-07	NA	-1.34E-04	NA	-1.66E-03	-3.03E-05
338	366876	3756760	Residence	-1.23E-04	-2.63E-07	-4.09E-05	-1.63E-05	-8.36E-05	-6.43E-08	-1.01E-06	NA	-1.41E-04	NA	-1.78E-03	-3.24E-05
339	366813	3756739	Residence	-1.13E-04	-2.40E-07	-3.80E-05	-1.52E-05	-7.79E-05	-5.99E-08	-9.14E-07	NA	-1.30E-04	NA	-1.62E-03	-2.94E-05
340	366677	3757025	Residence	-1.20E-04	-2.55E-07	-3.83E-05	-1.53E-05	-7.80E-05	-6.00E-08	-1.00E-06	NA	-1.34E-04	NA	-1.76E-03	-3.20E-05
341	366536	3757322	Residence	-1.20E-04	-2.56E-07	-3.71E-05	-1.48E-05	-7.54E-05	-5.80E-08	-1.02E-06	NA	-1.32E-04	NA	-1.79E-03	-3.25E-05
342	366437	3757531	Residence	-1.20E-04	-2.55E-07	-3.62E-05	-1.45E-05	-7.34E-05	-5.65E-08	-1.03E-06	NA	-1.30E-04	NA	-1.80E-03	-3.27E-05
343	366487	3757537	Residence	-1.19E-04	-2.54E-07	-3.64E-05	-1.46E-05	-7.39E-05	-5.69E-08	-1.02E-06	NA	-1.30E-04	NA	-1.78E-03	-3.24E-05
344	366624	3757468	Residence	-1.23E-04	-2.61E-07	-3.81E-05	-1.52E-05	-7.75E-05	-5.96E-08	-1.04E-06	NA	-1.35E-04	NA	-1.82E-03	-3.31E-05
345	366644	3757531	Residence	-1.22E-04	-2.59E-07	-3.79E-05	-1.51E-05	-7.70E-05	-5.93E-08	-1.03E-06	NA	-1.34E-04	NA	-1.80E-03	-3.28E-05
346	366777	3757520	Residence	-1.25E-04	-2.67E-07	-3.96E-05	-1.58E-05	-8.07E-05	-6.21E-08	-1.05E-06	NA	-1.39E-04	NA	-1.85E-03	-3.36E-05
347	366999	3757642	Residence	-1.28E-04	-2.72E-07	-4.13E-05	-1.65E-05	-8.43E-05	-6.49E-08	-1.06E-06	NA	-1.44E-04	NA	-1.86E-03	-3.39E-05
348	367174	3757740	Residence	-1.28E-04	-2.72E-07	-4.25E-05	-1.70E-05	-8.70E-05	-6.69E-08	-1.04E-06	NA	-1.46E-04	NA	-1.84E-03	-3.35E-05
349	367291	3757694	Residence	-1.29E-04	-2.74E-07	-4.40E-05	-1.76E-05	-9.03E-05	-6.94E-08	-1.03E-06	NA	-1.50E-04	NA	-1.83E-03	-3.33E-05
350	367413	3757695	Residence	-1.25E-04	-2.67E-07	-4.48E-05	-1.79E-05	-9.22E-05	-7.10E-08	-9.75E-07	NA	-1.50E-04	NA	-1.75E-03	-3.18E-05
351	367410	3757736	Residence	-1.20E-04	-2.56E-07	-4.37E-05	-1.75E-05	-8.99E-05	-6.92E-08	-9.27E-07	NA	-1.45E-04	NA	-1.67E-03	-3.03E-05
352	367518	3757796	Residence	-1.28E-04	-2.73E-07	-4.66E-05	-1.87E-05	-9.61E-05	-7.39E-08	-9.84E-07	NA	-1.55E-04	NA	-1.77E-03	-3.22E-05
353	367539	3757802	Residence	-1.27E-04	-2.70E-07	-4.66E-05	-1.86E-05	-9.61E-05	-7.39E-08	-9.67E-07	NA	-1.54E-04	NA	-1.74E-03	-3.17E-05
354	367609	3757677	Residence	-1.23E-04	-2.63E-07	-4.69E-05	-1.88E-05	-9.69E-05	-7.46E-08	-9.17E-07	NA	-1.53E-04	NA	-1.66E-03	-3.02E-05
355	367769	3757644	Residence	-1.55E-04	-3.31E-07	-5.52E-05	-2.21E-05	-1.13E-04	-8.73E-08	-1.21E-06	NA	-1.85E-04	NA	-2.17E-03	-3.95E-05
356	367775	3757719	Residence	-1.43E-04	-3.05E-07	-5.29E-05	-2.12E-05	-1.09E-04	-8.39E-08	-1.09E-06	NA	-1.75E-04	NA	-1.96E-03	-3.57E-05
357	367809	3757835	Residence	-1.42E-04	-3.02E-07	-5.23E-05	-2.09E-05	-1.08E-04	-8.29E-08	-1.08E-06	NA	-1.73E-04	NA	-1.94E-03	-3.53E-05
358	367807	3757936	Residence	-1.33E-04	-2.84E-07	-5.03E-05	-2.01E-05	-1.04E-04	-8.00E-08	-9.97E-07	NA	-1.65E-04	NA	-1.81E-03	-3.28E-05
359	367775	3757959	Residence	-1.28E-04	-2.72E-07	-4.88E-05	-1.95E-05	-1.01E-04	-7.77E-08	-9.48E-07	NA	-1.59E-04	NA	-1.72E-03	-3.13E-05
360	367798	3758011	Residence	-1.31E-04	-2.78E-07	-4.89E-05	-1.96E-05	-1.01E-04	-7.76E-08	-9.81E-07	NA	-1.60E-04	NA	-1.77E-03	-3.23E-05
361	367914	3757962	Residence	-1.54E-04	-3.28E-07	-5.45E-05	-2.18E-05	-1.12E-04	-8.62E-08	-1.20E-06	NA	-1.83E-04	NA	-2.15E-03	-3.92E-05
362	367905	3757930	Residence	-1.52E-04	-3.23E-07	-5.45E-05	-2.18E-05	-1.12E-04	-8.64E-08	-1.18E-06	NA	-1.82E-04	NA	-2.11E-03	-3.84E-05
363	368109	3757840	Residence	-2.01E-04	-4.29E-07	-6.64E-05	-2.66E-05	-1.36E-04	-1.04E-07	-1.65E-06	NA	-2.29E-04	NA	-2.91E-03	-5.30E-05
364	368233	3757790	Residence	-2.38E-04	-5.06E-07	-7.49E-05	-2.99E-05	-1.52E-04	-1.17E-07	-2.01E-06	NA	-2.64E-04	NA	-3.51E-03	-6.39E-05
365	368309	3757762	Residence	-2.58E-04	-5.50E-07	-7.95E-05	-3.18E-05	-1.62E-04	-1.24E-07	-2.20E-06	NA	-2.83E-04	NA	-3.85E-03	-7.00E-05
366	368603	3757765	Residence	-2.95E-04	-6.27E-07	-9.16E-05	-3.66E-05	-1.86E-04	-1.43E-07	-2.50E-06	NA	-3.25E-04	NA	-4.37E-03	-7.95E-05
367	368604	3757719	Residence	-3.03E-04	-6.45E-07	-9.19E-05	-3.68E-05	-1.87E-04	-1.44E-07	-2.60E-06	NA	-3.29E-04	NA	-4.54E-03	-8.25E-05
368	368770	3757799	Residence	-3.15E-04	-6.71E-07	-9.39E-05	-3.76E-05	-1.90E-04	-1.46E-07	-2.73E-06	NA	-3.39E-04	NA	-4.75E-03	-8.64E-05
369	369017	3757954	Residence	-3.35E-04	-7.13E-07	-1.02E-04	-4.08E-05	-2.07E-04	-1.59E-07	-2.87E-06	NA	-3.65E-04	NA	-5.01E-03	-9.11E-05
370	369080	3757864	Residence	-3.53E-04	-7.51E-07	-1.07E-04	-4.30E-05	-2.18E-04	-1.68E-07	-3.03E-06	NA	-3.84E-04	NA	-5.27E-03	-9.59E-05
371	369224	3757952	Residence	-3.61E-04	-7.67E-07	-1.08E-04	-4.31E-05	-2.18E-04	-1.68E-07	-3.12E-06	NA	-3.88E-04	NA	-5.43E-03	-9.88E-05
372	369409	3757730	Residence	-4.17E-04	-8.88E-07	-1.23E-04	-4.92E-05	-2.49E-04	-1.91E-07	-3.64E-06	NA	-4.46E-04	NA	-6.31E-03	-1.15E-04
373	369454	3757776	Residence	-4.25E-04	-9.05E-07	-1.26E-04	-5.02E-05	-2.54E-04	-1.96E-07	-3.71E-06	NA	-4.55E-04	NA	-6.43E-03	-1.17E-04
374	369265	3757997	Residence	-3.39E-04	-7.21E-07	-1.04E-04	-4.16E-05	-2.11E-04	-1.63E-07	-2.89E-06	NA	-3.71E-04	NA	-5.05E-03	-9.18E-05
375	369452	3758128	Residence	-3.52E-04	-7.48E-07	-9.61E-05	-3.84E-05	-1.93E-04	-1.49E-07	-3.18E-06	NA	-3.61E-04	NA	-5.47E-03	-9.95E-05
376	369460	3758394	Residence	-2.58E-04	-5.48E-07	-7.57E-05	-3.03E-05	-1.53E-04	-1.18E-07	-2.25E-06	NA	-2.75E-04	NA	-3.91E-03	-7.10E-05
377	369853	3758394	Residence	-3.00E-04	-6.38E-07	-8.58E-05	-3.43E-05	-1.73E-04	-1.33E-07	-2.65E-06	NA	-3.15E-04	NA	-4.59E-03	-8.34E-05
378	369850	3758078	Residence	-3.45E-04	-7.34E-07	-1.01E-04	-4.05E-05	-2.05E-04	-1.58E-07	-3.01E-06	NA	-3.68E-04	NA	-5.22E-03	-9.50E-05
384	370886	3758089	Residence	-3.54E-04	-7.53E-07	-9.46E-05	-3.78E-05	-1.90E-04	-1.46E-07	-3.23E-06	NA	-3.59E-04	NA	-5.54E-03	-1.01E-04
391	371193	3757720	Residence	-4.19E-04	-8.91E-07	-1.21E-04	-4.83E-05	-2.44E-04	-1.88E-07	-3.69E-06	NA	-4.43E-04	NA	-6.38E-03	-1.16E-04
392	371254	3757762	Residence	-4.10E-04	-8.73E-07	-1.18E-04	-4.71E-05	-2.38E-04	-1.83E-07	-3.63E-06	NA	-4.32E-04	NA	-6.28E-03	-1.14E-04
393	371264	3757783	Residence	-4.11E-04	-8.74E-07	-1.18E-04	-4.71E-05	-2.38E-04	-1.83E-07	-3.63E-06	NA	-4.33E-04	NA	-6.28E-03	-1.14E-04

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	acetaldehyde (µg/m^{-3})	acetaldehyde Acute Hazard	acrolein (µg/m^{-3})	acrolein Acute Hazard	benzene (µg/m^{-3})	benzene Acute Hazard	butadiene, 1,3- (µg/m^{-3})	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^{-3})	ethylbenzene Acute Hazard	formaldehyde (µg/m^{-3})	formaldehyde Acute Hazard
			CalEPA Acute REL		470		2.5		1300		NA		NA		55
394	371372	3757782	Residence	-3.62E-04	-7.71E-07	-1.02E-04	-4.09E-05	-2.06E-04	-1.59E-07	-3.23E-06	NA	-3.78E-04	NA	-5.57E-03	-1.01E-04
395	371399	3757806	Residence	-3.51E-04	-7.46E-07	-9.94E-05	-3.97E-05	-2.00E-04	-1.54E-07	-3.12E-06	NA	-3.67E-04	NA	-5.39E-03	-9.79E-05
396	371798	3758080	Residence	-2.43E-04	-5.17E-07	-7.55E-05	-3.02E-05	-1.54E-04	-1.18E-07	-2.06E-06	NA	-2.68E-04	NA	-3.60E-03	-6.54E-05
397	371908	3757934	Residence	-2.66E-04	-5.66E-07	-8.34E-05	-3.34E-05	-1.70E-04	-1.31E-07	-2.24E-06	NA	-2.95E-04	NA	-3.93E-03	-7.14E-05
398	371964	3757922	Residence	-2.54E-04	-5.40E-07	-8.12E-05	-3.25E-05	-1.66E-04	-1.27E-07	-2.12E-06	NA	-2.84E-04	NA	-3.72E-03	-6.76E-05
442	370667	3755262	Residence	-4.07E-04	-8.66E-07	-1.01E-04	-4.06E-05	-2.02E-04	-1.55E-07	-3.83E-06	NA	-3.98E-04	NA	-6.52E-03	-1.19E-04
443	370380	3755263	Residence	-3.96E-04	-8.43E-07	-9.65E-05	-3.86E-05	-1.92E-04	-1.47E-07	-3.76E-06	NA	-3.83E-04	NA	-6.38E-03	-1.16E-04
444	370076	3755265	Residence	-4.22E-04	-8.99E-07	-1.11E-04	-4.44E-05	-2.22E-04	-1.71E-07	-3.89E-06	NA	-4.25E-04	NA	-6.66E-03	-1.21E-04
446	369498	3755268	Residence	-4.35E-04	-9.26E-07	-1.24E-04	-4.98E-05	-2.51E-04	-1.93E-07	-3.85E-06	NA	-4.58E-04	NA	-6.66E-03	-1.21E-04
447	369194	3755270	Residence	-3.31E-04	-7.05E-07	-1.52E-04	-6.06E-05	-3.17E-04	-2.44E-07	-2.07E-06	NA	-4.62E-04	NA	-3.97E-03	-7.22E-05
448	368889	3755272	Residence	-2.92E-04	-6.22E-07	-8.89E-05	-3.56E-05	-1.81E-04	-1.39E-07	-2.51E-06	NA	-3.18E-04	NA	-4.37E-03	-7.94E-05
449	368569	3755273	Residence	-2.78E-04	-5.91E-07	-8.55E-05	-3.42E-05	-1.74E-04	-1.34E-07	-2.37E-06	NA	-3.04E-04	NA	-4.14E-03	-7.52E-05
450	368275	3755275	Residence	-2.20E-04	-4.67E-07	-7.06E-05	-2.82E-05	-1.44E-04	-1.11E-07	-1.83E-06	NA	-2.47E-04	NA	-3.21E-03	-5.84E-05
451	367936	3755213	Residence	-1.42E-04	-3.03E-07	-5.18E-05	-2.07E-05	-1.07E-04	-8.20E-08	-1.09E-06	NA	-1.72E-04	NA	-1.97E-03	-3.57E-05
74	370324	3758078	School	-1.29E-04	-2.75E-07	-4.81E-05	-1.92E-05	-9.92E-05	-7.63E-08	-9.76E-07	NA	-1.58E-04	NA	-1.76E-03	-3.21E-05
75	370324	3758078	School	-1.29E-04	-2.75E-07	-4.85E-05	-1.94E-05	-1.00E-04	-7.71E-08	-9.70E-07	NA	-1.59E-04	NA	-1.76E-03	-3.19E-05
76	370324	3758078	School	-1.42E-04	-3.01E-07	-5.18E-05	-2.07E-05	-1.07E-04	-8.21E-08	-1.08E-06	NA	-1.72E-04	NA	-1.95E-03	-3.55E-05
77	370324	3758078	School	-1.40E-04	-2.98E-07	-5.21E-05	-2.08E-05	-1.07E-04	-8.26E-08	-1.06E-06	NA	-1.71E-04	NA	-1.91E-03	-3.48E-05
130	370324	3758078	School	-3.74E-04	-7.96E-07	-1.10E-04	-4.41E-05	-2.23E-04	-1.72E-07	-3.26E-06	NA	-4.00E-04	NA	-5.66E-03	-1.03E-04
131	370381	3757991	School	-3.93E-04	-8.36E-07	-1.13E-04	-4.53E-05	-2.29E-04	-1.76E-07	-3.46E-06	NA	-4.15E-04	NA	-6.00E-03	-1.09E-04
132	370435	3758019	School	-3.95E-04	-8.40E-07	-1.18E-04	-4.72E-05	-2.39E-04	-1.84E-07	-3.42E-06	NA	-4.26E-04	NA	-5.94E-03	-1.08E-04
133	370499	3758050	School	-4.31E-04	-9.16E-07	-1.25E-04	-5.02E-05	-2.54E-04	-1.95E-07	-3.78E-06	NA	-4.58E-04	NA	-6.55E-03	-1.19E-04
134	370485	3758025	School	-4.32E-04	-9.19E-07	-1.26E-04	-5.04E-05	-2.55E-04	-1.96E-07	-3.78E-06	NA	-4.59E-04	NA	-6.56E-03	-1.19E-04
135	370481	3758086	School	-4.25E-04	-9.04E-07	-1.24E-04	-4.97E-05	-2.51E-04	-1.93E-07	-3.72E-06	NA	-4.52E-04	NA	-6.45E-03	-1.17E-04
305	369787	3755242	School	-4.58E-04	-9.74E-07	-1.30E-04	-5.20E-05	-2.62E-04	-2.02E-07	-4.07E-06	NA	-4.80E-04	NA	-7.03E-03	-1.28E-04
379	370299	3758078	School	-3.87E-04	-8.22E-07	-1.13E-04	-4.54E-05	-2.30E-04	-1.77E-07	-3.38E-06	NA	-4.12E-04	NA	-5.86E-03	-1.07E-04
380	370298	3757963	School	-3.79E-04	-8.06E-07	-1.12E-04	-4.50E-05	-2.28E-04	-1.75E-07	-3.29E-06	NA	-4.07E-04	NA	-5.71E-03	-1.04E-04
381	370382	3757966	School	-3.88E-04	-8.25E-07	-1.13E-04	-4.51E-05	-2.28E-04	-1.76E-07	-3.40E-06	NA	-4.12E-04	NA	-5.89E-03	-1.07E-04
382	370510	3758027	School	-4.24E-04	-9.03E-07	-1.24E-04	-4.96E-05	-2.51E-04	-1.93E-07	-3.72E-06	NA	-4.52E-04	NA	-6.44E-03	-1.17E-04
383	370506	3758088	School	-4.32E-04	-9.18E-07	-1.25E-04	-5.01E-05	-2.53E-04	-1.95E-07	-3.79E-06	NA	-4.58E-04	NA	-6.57E-03	-1.19E-04
445	369787	3755267	School	-4.63E-04	-9.86E-07	-1.32E-04	-5.27E-05	-2.66E-04	-2.04E-07	-4.11E-06	NA	-4.86E-04	NA	-7.11E-03	-1.29E-04

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (µg/m³) (PAHs)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
29	370479	3756654	Commercial	-2.22E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.22E-04	NA	-1.35E-03	-4.36E-07	-7.35E-03	-1.99E-07	-3.93E-03	-1.79E-07
141	370911	3758089	Commercial	-8.33E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.33E-05	NA	-2.11E-04	-6.82E-08	-1.43E-03	-3.86E-08	-8.23E-04	-3.74E-08
142	370911	3757976	Commercial	-1.00E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.44E-05	NA	-2.07E-04	-6.67E-08	-1.51E-03	-4.07E-08	-8.86E-04	-4.03E-08
143	370911	3757863	Commercial	-1.16E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E-05	NA	-2.58E-04	-8.31E-08	-1.83E-03	-4.94E-08	-1.07E-03	-4.85E-08
144	370910	3757751	Commercial	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E-05	NA	-2.39E-04	-7.72E-08	-1.75E-03	-4.74E-08	-1.03E-03	-4.69E-08
145	370930	3757712	Commercial	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.70E-05	NA	-2.25E-04	-7.27E-08	-1.67E-03	-4.52E-08	-9.87E-04	-4.48E-08
146	370961	3757689	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.54E-05	NA	-2.11E-04	-6.79E-08	-1.57E-03	-4.24E-08	-9.27E-04	-4.21E-08
147	371046	3757693	Commercial	-1.15E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.93E-05	NA	-2.55E-04	-8.21E-08	-1.81E-03	-4.88E-08	-1.05E-03	-4.79E-08
148	371071	3757668	Commercial	-1.19E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.99E-05	NA	-2.57E-04	-8.30E-08	-1.84E-03	-4.97E-08	-1.08E-03	-4.89E-08
149	371071	3757585	Commercial	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E-05	NA	-2.38E-04	-7.69E-08	-1.73E-03	-4.68E-08	-1.02E-03	-4.62E-08
150	371047	3757610	Commercial	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E-05	NA	-2.44E-04	-7.87E-08	-1.77E-03	-4.79E-08	-1.04E-03	-4.74E-08
151	371122	3757609	Commercial	-1.11E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E-05	NA	-2.39E-04	-7.72E-08	-1.72E-03	-4.64E-08	-1.00E-03	-4.56E-08
152	371099	3757595	Commercial	-1.12E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.79E-05	NA	-2.39E-04	-7.69E-08	-1.72E-03	-4.65E-08	-1.01E-03	-4.58E-08
153	371135	3757663	Commercial	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E-05	NA	-2.48E-04	-8.00E-08	-1.77E-03	-4.79E-08	-1.04E-03	-4.71E-08
168	371995	3757843	Commercial	-8.38E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E-05	NA	-1.44E-04	-4.66E-08	-1.13E-03	-3.06E-08	-6.77E-04	-3.08E-08
169	371969	3757867	Commercial	-8.53E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E-05	NA	-1.44E-04	-4.63E-08	-1.14E-03	-3.07E-08	-6.82E-04	-3.10E-08
170	372023	3757868	Commercial	-8.25E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.77E-05	NA	-1.39E-04	-4.48E-08	-1.10E-03	-2.97E-08	-6.60E-04	-3.00E-08
171	372048	3757843	Commercial	-8.02E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.81E-05	NA	-1.46E-04	-4.71E-08	-1.12E-03	-3.02E-08	-6.65E-04	-3.02E-08
172	372047	3757746	Commercial	-8.33E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.85E-05	NA	-1.48E-04	-4.77E-08	-1.14E-03	-3.09E-08	-6.83E-04	-3.11E-08
173	372046	3757649	Commercial	-8.72E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E-05	NA	-1.59E-04	-5.12E-08	-1.22E-03	-3.29E-08	-7.24E-04	-3.29E-08
174	372045	3757551	Commercial	-8.53E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E-05	NA	-1.61E-04	-5.20E-08	-1.22E-03	-3.29E-08	-7.21E-04	-3.28E-08
175	372041	3757448	Commercial	-7.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.98E-05	NA	-1.70E-04	-5.48E-08	-1.22E-03	-3.30E-08	-7.14E-04	-3.24E-08
176	372036	3757345	Commercial	-9.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.17E-05	NA	-1.79E-04	-5.78E-08	-1.34E-03	-3.62E-08	-7.92E-04	-3.60E-08
177	372032	3757242	Commercial	-9.51E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.24E-05	NA	-1.86E-04	-6.02E-08	-1.39E-03	-3.75E-08	-8.19E-04	-3.72E-08
178	372027	3757139	Commercial	-8.77E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E-05	NA	-1.79E-04	-5.79E-08	-1.31E-03	-3.54E-08	-7.71E-04	-3.51E-08
179	372003	3757115	Commercial	-8.59E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E-05	NA	-1.82E-04	-5.86E-08	-1.31E-03	-3.54E-08	-7.69E-04	-3.49E-08
180	371881	3757114	Commercial	-9.82E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.47E-05	NA	-2.13E-04	-6.86E-08	-1.52E-03	-4.11E-08	-8.89E-04	-4.04E-08
181	371758	3757113	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.76E-05	NA	-2.39E-04	-7.71E-08	-1.70E-03	-4.59E-08	-9.91E-04	-4.50E-08
182	371636	3757112	Commercial	-1.15E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E-05	NA	-2.52E-04	-8.13E-08	-1.79E-03	-4.85E-08	-1.05E-03	-4.76E-08
183	371514	3757111	Commercial	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E-05	NA	-2.54E-04	-8.19E-08	-1.82E-03	-4.92E-08	-1.07E-03	-4.85E-08
184	371394	3757110	Commercial	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E-05	NA	-2.54E-04	-8.19E-08	-1.80E-03	-4.86E-08	-1.05E-03	-4.77E-08
185	371275	3757110	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E-05	NA	-2.62E-04	-8.45E-08	-1.77E-03	-4.80E-08	-1.02E-03	-4.64E-08
186	371155	3757109	Commercial	-1.09E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E-05	NA	-2.87E-04	-9.27E-08	-1.92E-03	-5.19E-08	-1.10E-03	-5.01E-08
187	371035	3757108	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.54E-05	NA	-3.46E-04	-1.11E-07	-2.16E-03	-5.84E-08	-1.22E-03	-5.53E-08
188	371060	3757133	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.40E-05	NA	-3.26E-04	-1.05E-07	-2.08E-03	-5.62E-08	-1.18E-03	-5.34E-08
189	371059	3757085	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.50E-05	NA	-3.39E-04	-1.09E-07	-2.14E-03	-5.78E-08	-1.20E-03	-5.47E-08
190	371034	3757060	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.64E-05	NA	-3.60E-04	-1.16E-07	-2.22E-03	-5.99E-08	-1.24E-03	-5.63E-08
191	370944	3757061	Commercial	-9.46E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.75E-05	NA	-3.85E-04	-1.24E-07	-2.27E-03	-6.15E-08	-1.25E-03	-5.70E-08
192	370854	3757061	Commercial	-1.03E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.01E-05	NA	-4.11E-04	-1.33E-07	-2.44E-03	-6.59E-08	-1.35E-03	-6.12E-08
193	370764	3757062	Commercial	-1.12E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.02E-05	NA	-4.01E-04	-1.29E-07	-2.44E-03	-6.61E-08	-1.36E-03	-6.19E-08
194	370789	3757086	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.88E-05	NA	-3.90E-04	-1.26E-07	-2.36E-03	-6.38E-08	-1.31E-03	-5.97E-08
195	370786	3756996	Commercial	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.51E-05	NA	-4.60E-04	-1.48E-07	-2.74E-03	-7.41E-08	-1.52E-03	-6.90E-08
196	370782	3756907	Commercial	-1.33E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.24E-05	NA	-5.38E-04	-1.74E-07	-3.18E-03	-8.60E-08	-1.76E-03	-7.98E-08
197	370779	3756817	Commercial	-1.42E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.56E-05	NA	-5.69E-04	-1.84E-07	-3.38E-03	-9.13E-08	-1.87E-03	-8.48E-08
198	370755	3756843	Commercial	-1.32E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E-05	NA	-5.46E-04	-1.76E-07	-3.21E-03	-8.68E-08	-1.77E-03	-8.04E-08
199	370847	3756839	Commercial	-1.40E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.57E-05	NA	-5.72E-04	-1.85E-07	-3.38E-03	-9.14E-08	-1.86E-03	-8.47E-08
200	370940	3756836	Commercial	-1.19E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.02E-05	NA	-5.26E-04	-1.70E-07	-3.05E-03	-8.23E-08	-1.67E-03	-7.58E-08
201	371032	3756832	Commercial	-1.03E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.39E-05	NA	-4.60E-04	-1.48E-07	-2.66E-03	-7.19E-08	-1.46E-03	-6.62E-08
202	371056	3756809	Commercial	-1.02E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.20E-05	NA	-4.36E-04	-1.41E-07	-2.55E-03	-6.89E-08	-1.40E-03	-6.36E-08
203	371058	3756782	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.14E-05	NA	-4.27E-04	-1.38E-07	-2.52E-03	-6.80E-08	-1.39E-03	-6.30E-08
204	371034	3756805	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.40E-05	NA	-4.60E-04	-1.48E-07	-2.67E-03	-7.20E-08	-1.46E-03	-6.64E-08
205	371146	3756803	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.69E-05	NA	-3.59E-04	-1.16E-07	-2.25E-03	-6.08E-08	-1.26E-03	-5.75E-08
206	371259	3756800	Commercial	-1.16E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.33E-05	NA	-3.06E-04	-9.86E-08	-2.04E-03	-5.52E-08	-1.17E-03	-5.33E-08
207	371371	3756798	Commercial	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E-05	NA	-2.64E-04	-8.51E-08	-1.86E-03	-5.02E-08	-1.08E-03	-4.92E-08
208	371484	3756795	Commercial	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E-05	NA	-2.49E-04	-8.04E-08	-1.78E-03	-4.81E-08	-1.04E-03	-4.72E-08
209	371595	3756793	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.83E-05	NA	-2.46E-04	-7.95E-08	-1.74E-03	-4.70E-08	-1.01E-03	-4.61E-08
210	371706	3756791	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.73E-05	NA	-2.40E-04	-7.76E-08	-1.68E-03	-4.54E-08	-9.77E-04	-4.44E-08
211	371818	3756788	Commercial	-9.68E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E-05	NA	-2.20E-04	-7.11E-08	-1.55E-03	-4.18E-08	-9.01E-04	-4.09E-08
212	371932	3756786	Commercial	-8.95E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.29E-05	NA	-1.99E-04	-6.43E-08	-1.41E-03	-3.81E-08	-8.23E-04	-3.74E-08
213	372046	3756783	Commercial	-8.65E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E-05	NA	-1.76E-04	-5.68E-08	-1.29E-03	-3.49E-08	-7.59E-04	-3.45E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
214	372161	3756780	Commercial	-8.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E-05	NA	-1.59E-04	-5.14E-08	-1.19E-03	-3.23E-08	-7.07E-04	-3.21E-08
215	372275	3756778	Commercial	-7.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E-05	NA	-1.45E-04	-4.66E-08	-1.11E-03	-3.00E-08	-6.60E-04	-3.00E-08
216	372385	3756776	Commercial	-7.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E-05	NA	-1.32E-04	-4.26E-08	-1.03E-03	-2.80E-08	-6.19E-04	-2.81E-08
217	372494	3756773	Commercial	-7.34E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E-05	NA	-1.22E-04	-3.93E-08	-9.70E-04	-2.62E-08	-5.83E-04	-2.65E-08
218	372604	3756771	Commercial	-7.06E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E-05	NA	-1.13E-04	-3.63E-08	-9.12E-04	-2.47E-08	-5.50E-04	-2.50E-08
219	372714	3756768	Commercial	-6.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E-05	NA	-1.04E-04	-3.36E-08	-8.59E-04	-2.32E-08	-5.21E-04	-2.37E-08
220	372738	3756742	Commercial	-6.91E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E-05	NA	-1.04E-04	-3.37E-08	-8.68E-04	-2.35E-08	-5.27E-04	-2.39E-08
221	372733	3756647	Commercial	-7.09E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E-05	NA	-1.02E-04	-3.28E-08	-8.66E-04	-2.34E-08	-5.28E-04	-2.40E-08
222	372820	3756574	Commercial	-6.68E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E-05	NA	-9.21E-05	-2.97E-08	-7.98E-04	-2.16E-08	-4.89E-04	-2.22E-08
223	372844	3756548	Commercial	-6.54E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E-05	NA	-9.09E-05	-2.93E-08	-7.85E-04	-2.12E-08	-4.81E-04	-2.18E-08
224	372839	3756454	Commercial	-6.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.33E-05	NA	-1.04E-04	-3.35E-08	-8.27E-04	-2.24E-08	-4.97E-04	-2.26E-08
225	372821	3756363	Commercial	-6.32E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E-05	NA	-9.67E-05	-3.12E-08	-7.99E-04	-2.16E-08	-4.84E-04	-2.20E-08
226	372796	3756343	Commercial	-6.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E-05	NA	-9.93E-05	-3.20E-08	-8.22E-04	-2.22E-08	-4.98E-04	-2.27E-08
227	372731	3756328	Commercial	-6.83E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E-05	NA	-1.05E-04	-3.38E-08	-8.63E-04	-2.33E-08	-5.23E-04	-2.38E-08
228	372707	3756352	Commercial	-6.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.39E-05	NA	-1.06E-04	-3.41E-08	-8.65E-04	-2.34E-08	-5.24E-04	-2.38E-08
229	372928	3756344	Commercial	-6.04E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.20E-05	NA	-8.85E-05	-2.85E-08	-7.46E-04	-2.02E-08	-4.54E-04	-2.06E-08
230	372952	3756319	Commercial	-6.03E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E-05	NA	-8.31E-05	-2.68E-08	-7.20E-04	-1.95E-08	-4.41E-04	-2.01E-08
231	372951	3756245	Commercial	-6.17E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E-05	NA	-7.69E-05	-2.48E-08	-7.01E-04	-1.90E-08	-4.34E-04	-1.97E-08
232	372927	3756270	Commercial	-6.23E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E-05	NA	-8.14E-05	-2.62E-08	-7.24E-04	-1.96E-08	-4.46E-04	-2.03E-08
233	373033	3756268	Commercial	-5.84E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E-05	NA	-7.01E-05	-2.26E-08	-6.51E-04	-1.76E-08	-4.05E-04	-1.84E-08
234	373139	3756266	Commercial	-5.49E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.35E-06	NA	-6.03E-05	-1.95E-08	-5.87E-04	-1.59E-08	-3.68E-04	-1.67E-08
235	373245	3756264	Commercial	-5.16E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.42E-06	NA	-5.18E-05	-1.67E-08	-5.30E-04	-1.43E-08	-3.35E-04	-1.52E-08
236	373351	3756262	Commercial	-4.86E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.60E-06	NA	-4.44E-05	-1.43E-08	-4.79E-04	-1.30E-08	-3.06E-04	-1.39E-08
237	373457	3756261	Commercial	-4.58E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.03E-06	NA	-4.01E-05	-1.29E-08	-4.44E-04	-1.20E-08	-2.85E-04	-1.29E-08
238	373482	3756235	Commercial	-4.56E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.12E-06	NA	-4.15E-05	-1.34E-08	-4.49E-04	-1.21E-08	-2.87E-04	-1.30E-08
239	373480	3756123	Commercial	-4.67E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.08E-06	NA	-5.30E-05	-1.71E-08	-5.07E-04	-1.37E-08	-3.17E-04	-1.44E-08
240	373479	3756010	Commercial	-4.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.41E-06	NA	-5.77E-05	-1.86E-08	-5.26E-04	-1.42E-08	-3.26E-04	-1.48E-08
241	373477	3755897	Commercial	-4.48E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.07E-06	NA	-5.49E-05	-1.77E-08	-5.05E-04	-1.36E-08	-3.13E-04	-1.42E-08
242	373476	3755785	Commercial	-4.21E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.31E-06	NA	-7.44E-05	-2.40E-08	-5.77E-04	-1.56E-08	-3.44E-04	-1.57E-08
243	373474	3755672	Commercial	-3.95E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.09E-06	NA	-7.44E-05	-2.40E-08	-5.62E-04	-1.52E-08	-3.33E-04	-1.52E-08
244	373473	3755559	Commercial	-4.16E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.90E-06	NA	-4.32E-05	-1.39E-08	-4.34E-04	-1.17E-08	-2.74E-04	-1.24E-08
245	373447	3755535	Commercial	-4.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.31E-06	NA	-4.76E-05	-1.53E-08	-4.59E-04	-1.24E-08	-2.87E-04	-1.31E-08
246	373334	3755539	Commercial	-4.55E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.83E-06	NA	-5.10E-05	-1.65E-08	-4.91E-04	-1.33E-08	-3.07E-04	-1.40E-08
247	373221	3755544	Commercial	-4.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.33E-06	NA	-5.42E-05	-1.75E-08	-5.23E-04	-1.41E-08	-3.27E-04	-1.49E-08
248	373197	3755568	Commercial	-4.90E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.21E-06	NA	-5.20E-05	-1.68E-08	-5.16E-04	-1.39E-08	-3.25E-04	-1.48E-08
249	373196	3755636	Commercial	-4.83E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.26E-06	NA	-5.35E-05	-1.73E-08	-5.19E-04	-1.40E-08	-3.25E-04	-1.48E-08
250	373194	3755705	Commercial	-4.71E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.28E-06	NA	-6.83E-05	-2.20E-08	-5.78E-04	-1.56E-08	-3.52E-04	-1.60E-08
251	373220	3755680	Commercial	-4.68E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.75E-06	NA	-6.17E-05	-1.99E-08	-5.47E-04	-1.48E-08	-3.36E-04	-1.53E-08
252	373135	3755679	Commercial	-4.95E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.07E-06	NA	-6.26E-05	-2.02E-08	-5.67E-04	-1.53E-08	-3.50E-04	-1.59E-08
253	373160	3755704	Commercial	-4.82E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.27E-06	NA	-6.69E-05	-2.16E-08	-5.78E-04	-1.56E-08	-3.54E-04	-1.61E-08
254	373158	3755635	Commercial	-4.95E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.41E-06	NA	-5.41E-05	-1.75E-08	-5.28E-04	-1.43E-08	-3.31E-04	-1.51E-08
255	373156	3755566	Commercial	-5.02E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.44E-06	NA	-5.36E-05	-1.73E-08	-5.30E-04	-1.43E-08	-3.33E-04	-1.51E-08
256	373132	3755542	Commercial	-5.10E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.77E-06	NA	-5.70E-05	-1.84E-08	-5.50E-04	-1.49E-08	-3.44E-04	-1.56E-08
257	373055	3755538	Commercial	-5.32E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.13E-06	NA	-5.93E-05	-1.91E-08	-5.73E-04	-1.55E-08	-3.59E-04	-1.63E-08
258	373079	3755562	Commercial	-5.25E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.84E-06	NA	-5.63E-05	-1.82E-08	-5.55E-04	-1.50E-08	-3.49E-04	-1.59E-08
259	373077	3755465	Commercial	-5.20E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.22E-06	NA	-6.19E-05	-2.00E-08	-5.78E-04	-1.56E-08	-3.59E-04	-1.63E-08
260	373075	3755368	Commercial	-5.11E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.39E-06	NA	-6.52E-05	-2.10E-08	-5.87E-04	-1.59E-08	-3.63E-04	-1.65E-08
261	373073	3755271	Commercial	-4.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.10E-06	NA	-6.34E-05	-2.05E-08	-5.69E-04	-1.54E-08	-3.51E-04	-1.59E-08
262	373071	3755174	Commercial	-4.34E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.99E-06	NA	-5.56E-05	-1.79E-08	-5.00E-04	-1.35E-08	-3.08E-04	-1.40E-08
263	373046	3755149	Commercial	-4.13E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.03E-06	NA	-5.84E-05	-1.88E-08	-5.01E-04	-1.35E-08	-3.06E-04	-1.39E-08
264	372939	3755150	Commercial	-4.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.42E-06	NA	-7.49E-05	-2.42E-08	-5.84E-04	-1.58E-08	-3.49E-04	-1.59E-08
265	372832	3755151	Commercial	-4.34E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E-05	NA	-8.50E-05	-2.74E-08	-6.32E-04	-1.71E-08	-3.74E-04	-1.70E-08
266	372725	3755152	Commercial	-4.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E-05	NA	-9.17E-05	-2.96E-08	-6.58E-04	-1.78E-08	-3.85E-04	-1.75E-08
267	372623	3755157	Commercial	-4.18E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.11E-05	NA	-9.85E-05	-3.18E-08	-6.83E-04	-1.85E-08	-3.96E-04	-1.80E-08
268	372527	3755158	Commercial	-4.51E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E-05	NA	-1.05E-04	-3.39E-08	-7.32E-04	-1.98E-08	-4.25E-04	-1.93E-08
269	372431	3755159	Commercial	-5.51E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E-05	NA	-1.19E-04	-3.84E-08	-8.53E-04	-2.31E-08	-4.99E-04	-2.27E-08
270	372334	3755160	Commercial	-6.19E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E-05	NA	-1.22E-04	-3.92E-08	-9.03E-04	-2.44E-08	-5.33E-04	-2.42E-08
271	372237	3755161	Commercial	-6.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E-05	NA	-1.20E-04	-3.88E-08	-9.32E-04	-2.52E-08	-5.56E-04	-2.53E-08
272	372139	3755161	Commercial	-7.37E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E-05	NA	-1.22E-04	-3.92E-08	-9.71E-04	-2.62E-08	-5.84E-04	-2.65E-08
273	372040	3755162	Commercial	-7.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E-05	NA	-1.32E-04	-4.27E-08	-1.05E-03	-2.83E-08	-6.28E-04	-2.86E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
274	371941	3755163	Commercial	-8.09E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.80E-05	NA	-1.45E-04	-4.66E-08	-1.12E-03	-3.02E-08	-6.65E-04	-3.02E-08
275	371843	3755164	Commercial	-8.09E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E-05	NA	-1.56E-04	-5.04E-08	-1.17E-03	-3.16E-08	-6.91E-04	-3.14E-08
276	371748	3755165	Commercial	-8.18E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E-05	NA	-1.42E-04	-4.58E-08	-1.11E-03	-3.00E-08	-6.63E-04	-3.01E-08
277	371653	3755165	Commercial	-8.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.91E-05	NA	-1.50E-04	-4.85E-08	-1.19E-03	-3.20E-08	-7.11E-04	-3.23E-08
278	371558	3755166	Commercial	-9.15E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E-05	NA	-1.73E-04	-5.58E-08	-1.30E-03	-3.52E-08	-7.73E-04	-3.52E-08
279	371463	3755167	Commercial	-9.38E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.27E-05	NA	-1.91E-04	-6.16E-08	-1.40E-03	-3.78E-08	-8.23E-04	-3.74E-08
280	371359	3755168	Commercial	-9.61E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.41E-05	NA	-2.08E-04	-6.70E-08	-1.49E-03	-4.02E-08	-8.70E-04	-3.95E-08
281	371256	3755169	Commercial	-8.63E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.10E-05	NA	-1.77E-04	-5.72E-08	-1.29E-03	-3.50E-08	-7.61E-04	-3.46E-08
282	371152	3755170	Commercial	-9.70E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E-05	NA	-2.04E-04	-6.57E-08	-1.47E-03	-3.98E-08	-8.65E-04	-3.93E-08
283	371049	3755171	Commercial	-1.00E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E-05	NA	-2.26E-04	-7.30E-08	-1.59E-03	-4.31E-08	-9.28E-04	-4.22E-08
284	371024	3755197	Commercial	-1.01E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E-05	NA	-2.31E-04	-7.45E-08	-1.62E-03	-4.38E-08	-9.42E-04	-4.28E-08
285	371028	3755273	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E-05	NA	-2.41E-04	-7.77E-08	-1.69E-03	-4.58E-08	-9.86E-04	-4.48E-08
286	371031	3755350	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E-05	NA	-2.42E-04	-7.81E-08	-1.71E-03	-4.63E-08	-9.99E-04	-4.54E-08
287	371020	3755376	Commercial	-1.09E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E-05	NA	-2.45E-04	-7.89E-08	-1.73E-03	-4.67E-08	-1.01E-03	-4.58E-08
288	371018	3755470	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.62E-05	NA	-2.24E-04	-7.22E-08	-1.62E-03	-4.37E-08	-9.48E-04	-4.31E-08
289	371017	3755556	Commercial	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E-05	NA	-2.28E-04	-7.37E-08	-1.63E-03	-4.41E-08	-9.53E-04	-4.33E-08
290	371040	3755532	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.71E-05	NA	-2.35E-04	-7.57E-08	-1.67E-03	-4.50E-08	-9.72E-04	-4.42E-08
291	371026	3755420	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E-05	NA	-2.34E-04	-7.55E-08	-1.67E-03	-4.52E-08	-9.78E-04	-4.45E-08
292	371016	3755399	Commercial	-1.09E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.79E-05	NA	-2.42E-04	-7.80E-08	-1.72E-03	-4.64E-08	-1.00E-03	-4.56E-08
293	370916	3755327	Commercial	-1.15E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E-05	NA	-2.54E-04	-8.18E-08	-1.80E-03	-4.87E-08	-1.05E-03	-4.78E-08
294	370816	3755255	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.86E-05	NA	-2.51E-04	-8.10E-08	-1.76E-03	-4.76E-08	-1.02E-03	-4.65E-08
385	370885	3757751	Commercial	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.87E-05	NA	-2.42E-04	-7.81E-08	-1.77E-03	-4.78E-08	-1.04E-03	-4.73E-08
386	370907	3757702	Commercial	-1.16E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E-05	NA	-2.26E-04	-7.29E-08	-1.68E-03	-4.54E-08	-9.93E-04	-4.52E-08
387	370945	3757670	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E-05	NA	-2.07E-04	-6.66E-08	-1.55E-03	-4.19E-08	-9.18E-04	-4.17E-08
388	371046	3757668	Commercial	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.03E-05	NA	-2.63E-04	-8.49E-08	-1.86E-03	-5.03E-08	-1.09E-03	-4.94E-08
389	371046	3757585	Commercial	-1.16E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.83E-05	NA	-2.40E-04	-7.73E-08	-1.75E-03	-4.72E-08	-1.03E-03	-4.67E-08
390	371122	3757584	Commercial	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.71E-05	NA	-2.33E-04	-7.51E-08	-1.67E-03	-4.51E-08	-9.77E-04	-4.44E-08
399	371970	3757842	Commercial	-8.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E-05	NA	-1.44E-04	-4.64E-08	-1.14E-03	-3.07E-08	-6.82E-04	-3.10E-08
400	372023	3757843	Commercial	-8.20E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E-05	NA	-1.46E-04	-4.70E-08	-1.13E-03	-3.04E-08	-6.72E-04	-3.06E-08
401	372020	3757552	Commercial	-8.71E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E-05	NA	-1.65E-04	-5.32E-08	-1.24E-03	-3.36E-08	-7.37E-04	-3.35E-08
402	372002	3757140	Commercial	-9.02E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E-05	NA	-1.86E-04	-6.01E-08	-1.36E-03	-3.67E-08	-7.97E-04	-3.62E-08
403	371514	3757136	Commercial	-1.16E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E-05	NA	-2.46E-04	-7.93E-08	-1.77E-03	-4.79E-08	-1.04E-03	-4.72E-08
404	371035	3757133	Commercial	-1.03E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.46E-05	NA	-3.37E-04	-1.09E-07	-2.11E-03	-5.70E-08	-1.19E-03	-5.39E-08
405	371034	3757085	Commercial	-1.07E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.64E-05	NA	-3.57E-04	-1.15E-07	-2.22E-03	-6.00E-08	-1.24E-03	-5.66E-08
406	370764	3757087	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.61E-05	NA	-3.56E-04	-1.15E-07	-2.20E-03	-5.94E-08	-1.23E-03	-5.59E-08
407	370754	3756818	Commercial	-1.45E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.71E-05	NA	-5.87E-04	-1.89E-07	-3.47E-03	-9.38E-08	-1.91E-03	-8.70E-08
408	371031	3756807	Commercial	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.42E-05	NA	-4.63E-04	-1.49E-07	-2.68E-03	-7.25E-08	-1.47E-03	-6.67E-08
409	371033	3756780	Commercial	-1.07E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E-05	NA	-4.49E-04	-1.45E-07	-2.64E-03	-7.12E-08	-1.45E-03	-6.59E-08
410	371483	3756770	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E-05	NA	-2.47E-04	-7.98E-08	-1.75E-03	-4.72E-08	-1.02E-03	-4.63E-08
411	371817	3756763	Commercial	-9.83E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.56E-05	NA	-2.25E-04	-7.24E-08	-1.58E-03	-4.26E-08	-9.17E-04	-4.17E-08
412	372274	3756753	Commercial	-8.28E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.84E-05	NA	-1.47E-04	-4.75E-08	-1.14E-03	-3.08E-08	-6.80E-04	-3.09E-08
413	372713	3756743	Commercial	-6.99E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E-05	NA	-1.07E-04	-3.44E-08	-8.82E-04	-2.38E-08	-5.35E-04	-2.43E-08
414	372703	3756553	Commercial	-7.12E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E-05	NA	-1.12E-04	-3.61E-08	-9.13E-04	-2.47E-08	-5.52E-04	-2.51E-08
415	372819	3756549	Commercial	-6.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E-05	NA	-9.44E-05	-3.04E-08	-8.06E-04	-2.18E-08	-4.92E-04	-2.24E-08
416	372814	3756455	Commercial	-6.35E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E-05	NA	-1.07E-04	-3.46E-08	-8.48E-04	-2.29E-08	-5.09E-04	-2.31E-08
417	372797	3756368	Commercial	-6.37E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.30E-05	NA	-9.83E-05	-3.17E-08	-8.09E-04	-2.19E-08	-4.90E-04	-2.23E-08
418	372705	3756372	Commercial	-6.67E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E-05	NA	-1.05E-04	-3.39E-08	-8.56E-04	-2.31E-08	-5.17E-04	-2.35E-08
419	372706	3756327	Commercial	-6.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E-05	NA	-1.07E-04	-3.44E-08	-8.78E-04	-2.37E-08	-5.32E-04	-2.42E-08
420	372927	3756319	Commercial	-6.12E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E-05	NA	-8.58E-05	-2.77E-08	-7.38E-04	-1.99E-08	-4.51E-04	-2.05E-08
421	372926	3756245	Commercial	-6.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E-05	NA	-7.98E-05	-2.57E-08	-7.19E-04	-1.94E-08	-4.44E-04	-2.02E-08
422	373457	3756236	Commercial	-4.62E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.17E-06	NA	-4.15E-05	-1.34E-08	-4.53E-04	-1.22E-08	-2.90E-04	-1.32E-08
423	373448	3755560	Commercial	-4.23E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.02E-06	NA	-4.41E-05	-1.42E-08	-4.41E-04	-1.19E-08	-2.78E-04	-1.26E-08
424	373222	3755569	Commercial	-4.83E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.08E-06	NA	-5.11E-05	-1.65E-08	-5.08E-04	-1.37E-08	-3.19E-04	-1.45E-08
425	373219	3755705	Commercial	-4.62E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.34E-06	NA	-7.01E-05	-2.26E-08	-5.81E-04	-1.57E-08	-3.53E-04	-1.60E-08
426	373135	3755704	Commercial	-4.91E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.39E-06	NA	-6.75E-05	-2.18E-08	-5.86E-04	-1.58E-08	-3.59E-04	-1.63E-08
427	373131	3755567	Commercial	-5.10E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.55E-06	NA	-5.43E-05	-1.75E-08	-5.37E-04	-1.45E-08	-3.38E-04	-1.54E-08
428	373054	3755563	Commercial	-5.33E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.95E-06	NA	-5.69E-05	-1.83E-08	-5.62E-04	-1.52E-08	-3.54E-04	-1.61E-08
429	373046	3755174	Commercial	-4.31E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.01E-06	NA	-5.61E-05	-1.81E-08	-5.00E-04	-1.35E-08	-3.08E-04	-1.40E-08
430	372725	3755177	Commercial	-4.40E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E-05	NA	-9.18E-05	-2.96E-08	-6.66E-04	-1.80E-08	-3.91E-04	-1.78E-08
431	372624	3755182	Commercial	-4.33E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E-05	NA	-9.87E-05	-3.18E-08	-6.93E-04	-1.87E-08	-4.03E-04	-1.83E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
432	372238	3755186	Commercial	-6.73E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E-05	NA	-1.26E-04	-4.07E-08	-9.55E-04	-2.58E-08	-5.67E-04	-2.58E-08
433	371843	3755189	Commercial	-8.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.91E-05	NA	-1.57E-04	-5.08E-08	-1.18E-03	-3.20E-08	-7.01E-04	-3.19E-08
434	371463	3755192	Commercial	-9.41E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.28E-05	NA	-1.92E-04	-6.19E-08	-1.40E-03	-3.80E-08	-8.26E-04	-3.76E-08
435	371049	3755196	Commercial	-1.02E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E-05	NA	-2.30E-04	-7.42E-08	-1.62E-03	-4.38E-08	-9.44E-04	-4.29E-08
436	371056	3755349	Commercial	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E-05	NA	-2.33E-04	-7.52E-08	-1.66E-03	-4.48E-08	-9.69E-04	-4.40E-08
437	371043	3755384	Commercial	-1.07E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E-05	NA	-2.36E-04	-7.61E-08	-1.68E-03	-4.53E-08	-9.80E-04	-4.45E-08
438	371042	3755556	Commercial	-1.11E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.89E-05	NA	-2.53E-04	-8.17E-08	-1.78E-03	-4.81E-08	-1.04E-03	-4.71E-08
439	370996	3755560	Commercial	-1.02E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.52E-05	NA	-2.16E-04	-6.97E-08	-1.56E-03	-4.21E-08	-9.12E-04	-4.14E-08
440	371001	3755419	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E-05	NA	-2.43E-04	-7.83E-08	-1.72E-03	-4.66E-08	-1.01E-03	-4.58E-08
441	370801	3755276	Commercial	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E-05	NA	-2.57E-04	-8.29E-08	-1.79E-03	-4.83E-08	-1.04E-03	-4.71E-08
1	372249	3757612	Residence	-7.42E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E-05	NA	-1.35E-04	-4.34E-08	-1.03E-03	-2.79E-08	-6.15E-04	-2.79E-08
2	372499	3757612	Residence	-6.71E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E-05	NA	-1.22E-04	-3.93E-08	-9.33E-04	-2.52E-08	-5.56E-04	-2.53E-08
3	372249	3757862	Residence	-7.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E-05	NA	-1.24E-04	-4.01E-08	-9.92E-04	-2.68E-08	-5.96E-04	-2.71E-08
4	372499	3757862	Residence	-6.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E-05	NA	-1.01E-04	-3.26E-08	-8.46E-04	-2.29E-08	-5.14E-04	-2.34E-08
5	372249	3758112	Residence	-7.15E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E-05	NA	-1.03E-04	-3.32E-08	-8.74E-04	-2.36E-08	-5.33E-04	-2.42E-08
6	372499	3758112	Residence	-5.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E-05	NA	-8.69E-05	-2.80E-08	-7.34E-04	-1.98E-08	-4.47E-04	-2.03E-08
7	372249	3758362	Residence	-6.62E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.36E-05	NA	-1.04E-04	-3.34E-08	-8.46E-04	-2.29E-08	-5.12E-04	-2.33E-08
8	372499	3758362	Residence	-5.89E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-05	NA	-6.43E-05	-2.07E-08	-6.28E-04	-1.70E-08	-3.94E-04	-1.79E-08
9	373793	3755335	Residence	-3.66E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.61E-06	NA	-5.83E-05	-1.88E-08	-4.73E-04	-1.28E-08	-2.85E-04	-1.30E-08
10	374093	3755335	Residence	-3.14E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.41E-06	NA	-4.85E-05	-1.56E-08	-3.99E-04	-1.08E-08	-2.41E-04	-1.10E-08
11	373793	3755710	Residence	-3.63E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.70E-06	NA	-5.98E-05	-1.93E-08	-4.78E-04	-1.29E-08	-2.87E-04	-1.31E-08
12	374093	3755710	Residence	-3.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.04E-06	NA	-5.49E-05	-1.77E-08	-4.37E-04	-1.18E-08	-2.62E-04	-1.19E-08
13	373793	3756085	Residence	-4.01E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.70E-06	NA	-5.54E-05	-1.79E-08	-4.80E-04	-1.30E-08	-2.94E-04	-1.34E-08
14	374093	3756085	Residence	-3.49E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.14E-06	NA	-5.40E-05	-1.74E-08	-4.44E-04	-1.20E-08	-2.69E-04	-1.22E-08
15	373793	3756460	Residence	-3.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.16E-06	NA	-6.26E-05	-2.02E-08	-5.07E-04	-1.37E-08	-3.06E-04	-1.39E-08
16	374093	3756460	Residence	-3.44E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.85E-06	NA	-6.39E-05	-2.06E-08	-4.85E-04	-1.31E-08	-2.88E-04	-1.31E-08
17	373793	3756835	Residence	-3.89E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.24E-06	NA	-5.09E-05	-1.64E-08	-4.53E-04	-1.22E-08	-2.79E-04	-1.27E-08
18	374093	3756835	Residence	-3.42E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.07E-06	NA	-5.39E-05	-1.74E-08	-4.39E-04	-1.19E-08	-2.66E-04	-1.21E-08
19	373793	3757210	Residence	-3.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.18E-06	NA	-6.43E-05	-2.08E-08	-5.07E-04	-1.37E-08	-3.04E-04	-1.38E-08
20	374093	3757210	Residence	-3.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.73E-06	NA	-6.40E-05	-2.06E-08	-4.78E-04	-1.29E-08	-2.83E-04	-1.28E-08
21	373793	3757585	Residence	-3.24E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.32E-06	NA	-5.92E-05	-1.91E-08	-4.53E-04	-1.22E-08	-2.70E-04	-1.23E-08
22	374093	3757585	Residence	-2.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.09E-06	NA	-5.94E-05	-1.92E-08	-4.38E-04	-1.18E-08	-2.58E-04	-1.17E-08
23	373793	3757960	Residence	-3.69E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.94E-06	NA	-6.22E-05	-2.01E-08	-4.92E-04	-1.33E-08	-2.95E-04	-1.34E-08
24	374093	3757960	Residence	-3.25E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.61E-06	NA	-6.29E-05	-2.03E-08	-4.70E-04	-1.27E-08	-2.78E-04	-1.26E-08
25	373793	3758335	Residence	-3.15E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.97E-06	NA	-5.56E-05	-1.79E-08	-4.32E-04	-1.17E-08	-2.58E-04	-1.17E-08
26	374093	3758335	Residence	-2.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.66E-06	NA	-5.37E-05	-1.73E-08	-4.12E-04	-1.11E-08	-2.46E-04	-1.12E-08
27	373793	3758710	Residence	-3.23E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.61E-06	NA	-6.33E-05	-2.04E-08	-4.70E-04	-1.27E-08	-2.78E-04	-1.26E-08
28	374093	3758710	Residence	-2.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.09E-06	NA	-6.07E-05	-1.96E-08	-4.37E-04	-1.18E-08	-2.56E-04	-1.16E-08
30	367278	3755614	Residence	-4.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.89E-06	NA	-6.01E-05	-1.94E-08	-5.56E-04	-1.50E-08	-3.45E-04	-1.57E-08
31	367231	3755722	Residence	-4.94E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.05E-06	NA	-6.26E-05	-2.02E-08	-5.66E-04	-1.53E-08	-3.49E-04	-1.59E-08
32	367185	3755830	Residence	-4.87E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.04E-06	NA	-6.33E-05	-2.04E-08	-5.65E-04	-1.53E-08	-3.48E-04	-1.58E-08
33	367138	3755938	Residence	-4.80E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.29E-06	NA	-6.74E-05	-2.17E-08	-5.79E-04	-1.57E-08	-3.54E-04	-1.61E-08
34	367091	3756047	Residence	-4.77E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.22E-06	NA	-6.68E-05	-2.15E-08	-5.75E-04	-1.55E-08	-3.52E-04	-1.60E-08
35	367048	3756147	Residence	-4.70E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.82E-06	NA	-6.23E-05	-2.01E-08	-5.51E-04	-1.49E-08	-3.39E-04	-1.54E-08
36	367005	3756247	Residence	-4.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.69E-06	NA	-6.12E-05	-1.98E-08	-5.42E-04	-1.47E-08	-3.34E-04	-1.52E-08
37	366962	3756348	Residence	-4.63E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.94E-06	NA	-6.47E-05	-2.09E-08	-5.58E-04	-1.51E-08	-3.41E-04	-1.55E-08
38	366918	3756450	Residence	-4.55E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.24E-06	NA	-6.95E-05	-2.24E-08	-5.75E-04	-1.55E-08	-3.48E-04	-1.58E-08
39	366874	3756551	Residence	-4.37E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.85E-06	NA	-6.64E-05	-2.14E-08	-5.50E-04	-1.49E-08	-3.34E-04	-1.52E-08
40	366830	3756653	Residence	-4.18E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.65E-06	NA	-6.61E-05	-2.13E-08	-5.37E-04	-1.45E-08	-3.25E-04	-1.48E-08
41	366840	3756685	Residence	-4.19E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.53E-06	NA	-6.44E-05	-2.08E-08	-5.31E-04	-1.43E-08	-3.21E-04	-1.46E-08
42	366890	3756714	Residence	-4.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.42E-06	NA	-6.19E-05	-2.00E-08	-5.24E-04	-1.42E-08	-3.19E-04	-1.45E-08
43	366879	3756683	Residence	-4.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.58E-06	NA	-6.42E-05	-2.07E-08	-5.34E-04	-1.44E-08	-3.24E-04	-1.47E-08
44	366852	3756751	Residence	-4.31E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.71E-06	NA	-6.52E-05	-2.10E-08	-5.42E-04	-1.46E-08	-3.29E-04	-1.49E-08
45	366884	3756737	Residence	-4.31E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.40E-06	NA	-6.13E-05	-1.98E-08	-5.23E-04	-1.41E-08	-3.20E-04	-1.45E-08
46	366821	3756715	Residence	-4.13E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.34E-06	NA	-6.26E-05	-2.02E-08	-5.19E-04	-1.40E-08	-3.15E-04	-1.43E-08
47	366790	3756728	Residence	-4.06E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.23E-06	NA	-6.18E-05	-2.00E-08	-5.12E-04	-1.38E-08	-3.10E-04	-1.41E-08
48	366745	3756823	Residence	-4.21E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.02E-06	NA	-7.06E-05	-2.28E-08	-5.59E-04	-1.51E-08	-3.36E-04	-1.53E-08
49	366700	3756919	Residence	-4.12E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.78E-06	NA	-6.85E-05	-2.21E-08	-5.45E-04	-1.47E-08	-3.27E-04	-1.49E-08
50	366655	3757014	Residence	-3.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.33E-06	NA	-6.44E-05	-2.08E-08	-5.17E-04	-1.40E-08	-3.12E-04	-1.42E-08
51	366608	3757113	Residence	-3.87E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.63E-06	NA	-6.93E-05	-2.24E-08	-5.35E-04	-1.44E-08	-3.19E-04	-1.45E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
52	366561	3757212	Residence	-3.78E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.67E-06	NA	-7.09E-05	-2.29E-08	-5.37E-04	-1.45E-08	-3.18E-04	-1.45E-08
53	366514	3757311	Residence	-3.70E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.50E-06	NA	-6.96E-05	-2.25E-08	-5.26E-04	-1.42E-08	-3.12E-04	-1.42E-08
54	366464	3757416	Residence	-3.59E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.48E-06	NA	-7.06E-05	-2.28E-08	-5.24E-04	-1.42E-08	-3.09E-04	-1.41E-08
55	366415	3757520	Residence	-3.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.38E-06	NA	-7.00E-05	-2.26E-08	-5.18E-04	-1.40E-08	-3.05E-04	-1.39E-08
56	366434	3757556	Residence	-3.53E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.27E-06	NA	-6.85E-05	-2.21E-08	-5.11E-04	-1.38E-08	-3.02E-04	-1.37E-08
57	366484	3757562	Residence	-3.59E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.32E-06	NA	-6.84E-05	-2.21E-08	-5.14E-04	-1.39E-08	-3.05E-04	-1.38E-08
58	366567	3757525	Residence	-3.73E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.45E-06	NA	-6.85E-05	-2.21E-08	-5.23E-04	-1.41E-08	-3.11E-04	-1.41E-08
59	366621	3757539	Residence	-3.80E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.60E-06	NA	-6.97E-05	-2.25E-08	-5.32E-04	-1.44E-08	-3.16E-04	-1.44E-08
60	366646	3757556	Residence	-3.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.74E-06	NA	-7.11E-05	-2.29E-08	-5.41E-04	-1.46E-08	-3.22E-04	-1.46E-08
61	366713	3757550	Residence	-3.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.83E-06	NA	-7.09E-05	-2.29E-08	-5.47E-04	-1.48E-08	-3.26E-04	-1.48E-08
62	366779	3757545	Residence	-4.07E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.90E-06	NA	-7.06E-05	-2.28E-08	-5.52E-04	-1.49E-08	-3.30E-04	-1.50E-08
63	366839	3757583	Residence	-4.15E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.80E-06	NA	-6.83E-05	-2.20E-08	-5.46E-04	-1.48E-08	-3.28E-04	-1.49E-08
64	366913	3757623	Residence	-4.22E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.05E-06	NA	-7.08E-05	-2.29E-08	-5.61E-04	-1.52E-08	-3.37E-04	-1.53E-08
65	366986	3757664	Residence	-4.32E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.16E-06	NA	-7.12E-05	-2.30E-08	-5.69E-04	-1.54E-08	-3.42E-04	-1.56E-08
66	367074	3757713	Residence	-4.44E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.06E-06	NA	-6.84E-05	-2.21E-08	-5.63E-04	-1.52E-08	-3.41E-04	-1.55E-08
67	367162	3757761	Residence	-4.55E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.26E-06	NA	-6.98E-05	-2.25E-08	-5.76E-04	-1.56E-08	-3.49E-04	-1.59E-08
68	367300	3757718	Residence	-4.88E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.43E-06	NA	-6.83E-05	-2.20E-08	-5.88E-04	-1.59E-08	-3.60E-04	-1.64E-08
69	367385	3757734	Residence	-5.04E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.24E-06	NA	-6.39E-05	-2.06E-08	-5.77E-04	-1.56E-08	-3.57E-04	-1.62E-08
70	367398	3757758	Residence	-5.03E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.01E-06	NA	-6.10E-05	-1.97E-08	-5.64E-04	-1.52E-08	-3.50E-04	-1.59E-08
71	367506	3757818	Residence	-5.39E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.66E-06	NA	-6.56E-05	-2.11E-08	-6.05E-04	-1.64E-08	-3.75E-04	-1.71E-08
72	367533	3757826	Residence	-5.44E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.57E-06	NA	-6.37E-05	-2.06E-08	-5.99E-04	-1.62E-08	-3.73E-04	-1.70E-08
73	367561	3757814	Residence	-5.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.61E-06	NA	-6.33E-05	-2.04E-08	-6.02E-04	-1.63E-08	-3.76E-04	-1.71E-08
78	367786	3757842	Residence	-6.08E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.06E-05	NA	-7.01E-05	-2.26E-08	-6.65E-04	-1.80E-08	-4.15E-04	-1.89E-08
79	367782	3757935	Residence	-5.98E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E-05	NA	-6.49E-05	-2.09E-08	-6.36E-04	-1.72E-08	-3.99E-04	-1.82E-08
80	367752	3757969	Residence	-5.84E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.98E-06	NA	-6.45E-05	-2.08E-08	-6.26E-04	-1.69E-08	-3.92E-04	-1.78E-08
81	367775	3758021	Residence	-5.77E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.83E-06	NA	-6.34E-05	-2.05E-08	-6.17E-04	-1.67E-08	-3.87E-04	-1.76E-08
82	367808	3758034	Residence	-5.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.02E-05	NA	-6.81E-05	-2.20E-08	-6.39E-04	-1.73E-08	-3.98E-04	-1.81E-08
83	367866	3758009	Residence	-5.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E-05	NA	-7.55E-05	-2.44E-08	-6.83E-04	-1.85E-08	-4.22E-04	-1.92E-08
84	367924	3757985	Residence	-6.16E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E-05	NA	-8.32E-05	-2.68E-08	-7.28E-04	-1.97E-08	-4.47E-04	-2.03E-08
85	367938	3757954	Residence	-6.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.19E-05	NA	-8.47E-05	-2.73E-08	-7.44E-04	-2.01E-08	-4.57E-04	-2.08E-08
86	367928	3757923	Residence	-6.39E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.18E-05	NA	-8.27E-05	-2.67E-08	-7.40E-04	-2.00E-08	-4.56E-04	-2.07E-08
87	367915	3757953	Residence	-6.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E-05	NA	-8.11E-05	-2.62E-08	-7.25E-04	-1.96E-08	-4.47E-04	-2.03E-08
88	368017	3757908	Residence	-6.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.31E-05	NA	-9.62E-05	-3.10E-08	-8.15E-04	-2.20E-08	-4.97E-04	-2.26E-08
89	368119	3757863	Residence	-7.05E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E-05	NA	-1.13E-04	-3.66E-08	-9.16E-04	-2.48E-08	-5.52E-04	-2.51E-08
90	368180	3757839	Residence	-7.28E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E-05	NA	-1.23E-04	-3.98E-08	-9.74E-04	-2.63E-08	-5.84E-04	-2.66E-08
91	368242	3757814	Residence	-7.51E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.67E-05	NA	-1.34E-04	-4.32E-08	-1.03E-03	-2.79E-08	-6.17E-04	-2.80E-08
92	368318	3757785	Residence	-7.77E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E-05	NA	-1.46E-04	-4.72E-08	-1.11E-03	-2.99E-08	-6.56E-04	-2.98E-08
93	368407	3757788	Residence	-7.74E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.83E-05	NA	-1.53E-04	-4.93E-08	-1.13E-03	-3.06E-08	-6.68E-04	-3.04E-08
94	368505	3757789	Residence	-8.59E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E-05	NA	-1.60E-04	-5.15E-08	-1.21E-03	-3.28E-08	-7.20E-04	-3.27E-08
95	368603	3757790	Residence	-9.24E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E-05	NA	-1.60E-04	-5.16E-08	-1.25E-03	-3.38E-08	-7.48E-04	-3.40E-08
96	368628	3757765	Residence	-9.41E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E-05	NA	-1.68E-04	-5.42E-08	-1.30E-03	-3.51E-08	-7.74E-04	-3.52E-08
97	368676	3757781	Residence	-9.36E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E-05	NA	-1.67E-04	-5.38E-08	-1.29E-03	-3.48E-08	-7.69E-04	-3.50E-08
98	368759	3757821	Residence	-8.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E-05	NA	-1.82E-04	-5.87E-08	-1.33E-03	-3.60E-08	-7.85E-04	-3.57E-08
99	368839	3757872	Residence	-8.63E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E-05	NA	-1.91E-04	-6.15E-08	-1.35E-03	-3.66E-08	-7.90E-04	-3.59E-08
100	368921	3757924	Residence	-9.51E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.14E-05	NA	-1.73E-04	-5.59E-08	-1.33E-03	-3.59E-08	-7.90E-04	-3.59E-08
101	369004	3757976	Residence	-9.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E-05	NA	-1.92E-04	-6.19E-08	-1.44E-03	-3.88E-08	-8.50E-04	-3.86E-08
102	369038	3757969	Residence	-1.00E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.41E-05	NA	-2.03E-04	-6.54E-08	-1.49E-03	-4.03E-08	-8.77E-04	-3.99E-08
103	369101	3757878	Residence	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E-05	NA	-2.15E-04	-6.92E-08	-1.58E-03	-4.26E-08	-9.28E-04	-4.22E-08
104	369067	3757885	Residence	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E-05	NA	-2.02E-04	-6.53E-08	-1.52E-03	-4.09E-08	-8.97E-04	-4.08E-08
105	369139	3757930	Residence	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E-05	NA	-2.19E-04	-7.08E-08	-1.59E-03	-4.29E-08	-9.32E-04	-4.24E-08
106	369211	3757974	Residence	-1.03E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E-05	NA	-2.06E-04	-6.64E-08	-1.52E-03	-4.10E-08	-8.94E-04	-4.07E-08
107	369243	3757968	Residence	-1.03E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E-05	NA	-2.04E-04	-6.59E-08	-1.51E-03	-4.09E-08	-8.93E-04	-4.06E-08
108	369305	3757894	Residence	-1.09E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.60E-05	NA	-2.18E-04	-7.03E-08	-1.61E-03	-4.34E-08	-9.47E-04	-4.30E-08
109	369366	3757820	Residence	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.74E-05	NA	-2.30E-04	-7.41E-08	-1.69E-03	-4.57E-08	-9.95E-04	-4.52E-08
110	369436	3757794	Residence	-1.19E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E-05	NA	-2.46E-04	-7.93E-08	-1.79E-03	-4.84E-08	-1.05E-03	-4.79E-08
111	369435	3757760	Residence	-1.19E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E-05	NA	-2.29E-04	-7.40E-08	-1.71E-03	-4.63E-08	-1.01E-03	-4.61E-08
112	369251	3758017	Residence	-1.02E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E-05	NA	-1.91E-04	-6.16E-08	-1.45E-03	-3.92E-08	-8.60E-04	-3.91E-08
113	369344	3758083	Residence	-9.15E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.49E-05	NA	-2.24E-04	-7.21E-08	-1.53E-03	-4.14E-08	-8.85E-04	-4.02E-08
114	369437	3758148	Residence	-8.17E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E-05	NA	-2.11E-04	-6.82E-08	-1.42E-03	-3.84E-08	-8.16E-04	-3.71E-08
115	369429	3758218	Residence	-7.98E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.18E-05	NA	-1.96E-04	-6.31E-08	-1.34E-03	-3.62E-08	-7.74E-04	-3.52E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
116	369432	3758306	Residence	-7.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.95E-05	NA	-1.70E-04	-5.47E-08	-1.20E-03	-3.25E-08	-7.01E-04	-3.19E-08
117	369435	3758395	Residence	-7.21E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.76E-05	NA	-1.48E-04	-4.79E-08	-1.08E-03	-2.93E-08	-6.37E-04	-2.89E-08
118	369460	3758419	Residence	-7.04E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E-05	NA	-1.55E-04	-4.99E-08	-1.10E-03	-2.98E-08	-6.43E-04	-2.92E-08
119	369558	3758419	Residence	-7.21E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.99E-05	NA	-1.79E-04	-5.78E-08	-1.22E-03	-3.30E-08	-7.04E-04	-3.20E-08
120	369657	3758419	Residence	-8.08E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.01E-05	NA	-1.72E-04	-5.56E-08	-1.24E-03	-3.35E-08	-7.26E-04	-3.30E-08
121	369755	3758419	Residence	-8.45E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E-05	NA	-1.57E-04	-5.07E-08	-1.19E-03	-3.23E-08	-7.09E-04	-3.22E-08
122	369853	3758419	Residence	-7.74E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.02E-05	NA	-1.77E-04	-5.72E-08	-1.24E-03	-3.36E-08	-7.22E-04	-3.28E-08
123	369878	3758394	Residence	-7.60E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E-05	NA	-1.88E-04	-6.07E-08	-1.28E-03	-3.47E-08	-7.41E-04	-3.37E-08
124	369877	3758289	Residence	-8.27E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.20E-05	NA	-1.96E-04	-6.31E-08	-1.36E-03	-3.66E-08	-7.86E-04	-3.57E-08
125	369876	3758183	Residence	-8.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.31E-05	NA	-2.01E-04	-6.48E-08	-1.42E-03	-3.84E-08	-8.27E-04	-3.76E-08
126	369962	3758103	Residence	-9.01E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.64E-05	NA	-2.44E-04	-7.88E-08	-1.62E-03	-4.37E-08	-9.25E-04	-4.21E-08
127	370075	3758103	Residence	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.71E-05	NA	-2.37E-04	-7.63E-08	-1.67E-03	-4.52E-08	-9.74E-04	-4.43E-08
128	370187	3758103	Residence	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.70E-05	NA	-2.35E-04	-7.58E-08	-1.66E-03	-4.48E-08	-9.67E-04	-4.39E-08
129	370299	3758103	Residence	-1.07E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.64E-05	NA	-2.26E-04	-7.28E-08	-1.63E-03	-4.40E-08	-9.55E-04	-4.34E-08
136	370506	3758113	Residence	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E-05	NA	-2.56E-04	-8.27E-08	-1.83E-03	-4.93E-08	-1.07E-03	-4.85E-08
137	370601	3758113	Residence	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E-05	NA	-2.35E-04	-7.57E-08	-1.66E-03	-4.48E-08	-9.66E-04	-4.39E-08
138	370696	3758114	Residence	-8.61E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.55E-05	NA	-2.37E-04	-7.65E-08	-1.56E-03	-4.22E-08	-8.92E-04	-4.06E-08
139	370791	3758114	Residence	-7.52E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E-05	NA	-2.41E-04	-7.77E-08	-1.52E-03	-4.10E-08	-8.54E-04	-3.88E-08
140	370886	3758114	Residence	-7.79E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.32E-05	NA	-2.16E-04	-6.98E-08	-1.42E-03	-3.84E-08	-8.11E-04	-3.69E-08
154	371170	3757732	Residence	-1.15E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E-05	NA	-2.51E-04	-8.10E-08	-1.79E-03	-4.83E-08	-1.04E-03	-4.75E-08
155	371240	3757783	Residence	-1.11E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E-05	NA	-2.48E-04	-7.99E-08	-1.75E-03	-4.73E-08	-1.02E-03	-4.64E-08
156	371264	3757808	Residence	-1.10E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E-05	NA	-2.45E-04	-7.89E-08	-1.73E-03	-4.68E-08	-1.01E-03	-4.59E-08
157	371372	3757807	Residence	-9.49E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E-05	NA	-2.18E-04	-7.05E-08	-1.53E-03	-4.13E-08	-8.88E-04	-4.04E-08
158	371385	3757827	Residence	-9.44E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E-05	NA	-2.15E-04	-6.92E-08	-1.51E-03	-4.08E-08	-8.78E-04	-3.99E-08
159	371485	3757895	Residence	-8.43E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.16E-05	NA	-1.87E-04	-6.05E-08	-1.33E-03	-3.59E-08	-7.74E-04	-3.52E-08
160	371585	3757964	Residence	-7.62E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E-05	NA	-1.68E-04	-5.41E-08	-1.19E-03	-3.22E-08	-6.96E-04	-3.17E-08
161	371684	3758032	Residence	-7.50E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.80E-05	NA	-1.51E-04	-4.88E-08	-1.11E-03	-3.01E-08	-6.55E-04	-2.98E-08
162	371784	3758101	Residence	-7.34E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.68E-05	NA	-1.37E-04	-4.43E-08	-1.04E-03	-2.81E-08	-6.17E-04	-2.81E-08
163	371818	3758095	Residence	-7.60E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.70E-05	NA	-1.36E-04	-4.39E-08	-1.05E-03	-2.84E-08	-6.26E-04	-2.85E-08
164	371873	3758022	Residence	-8.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.87E-05	NA	-1.51E-04	-4.89E-08	-1.16E-03	-3.13E-08	-6.90E-04	-3.14E-08
165	371928	3757949	Residence	-8.43E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E-05	NA	-1.48E-04	-4.78E-08	-1.15E-03	-3.11E-08	-6.88E-04	-3.13E-08
166	371969	3757946	Residence	-8.37E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.80E-05	NA	-1.41E-04	-4.56E-08	-1.12E-03	-3.02E-08	-6.70E-04	-3.05E-08
167	371989	3757924	Residence	-8.38E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E-05	NA	-1.40E-04	-4.51E-08	-1.11E-03	-3.00E-08	-6.67E-04	-3.03E-08
295	370737	3755244	Residence	-9.40E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E-05	NA	-2.67E-04	-8.62E-08	-1.74E-03	-4.71E-08	-9.92E-04	-4.51E-08
296	370669	3755237	Residence	-7.35E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E-05	NA	-2.54E-04	-8.20E-08	-1.56E-03	-4.23E-08	-8.75E-04	-3.98E-08
297	370571	3755237	Residence	-7.68E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.62E-05	NA	-2.58E-04	-8.31E-08	-1.60E-03	-4.32E-08	-8.97E-04	-4.08E-08
298	370476	3755238	Residence	-8.13E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E-05	NA	-2.86E-04	-9.22E-08	-1.75E-03	-4.74E-08	-9.79E-04	-4.45E-08
299	370380	3755238	Residence	-6.82E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.50E-05	NA	-2.51E-04	-8.10E-08	-1.52E-03	-4.11E-08	-8.46E-04	-3.85E-08
300	370279	3755239	Residence	-8.91E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E-05	NA	-2.74E-04	-8.83E-08	-1.74E-03	-4.71E-08	-9.85E-04	-4.48E-08
301	370177	3755240	Residence	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E-05	NA	-2.65E-04	-8.55E-08	-1.79E-03	-4.84E-08	-1.03E-03	-4.69E-08
302	370076	3755240	Residence	-9.11E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E-05	NA	-2.61E-04	-8.42E-08	-1.70E-03	-4.59E-08	-9.66E-04	-4.39E-08
303	369979	3755241	Residence	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.09E-05	NA	-2.83E-04	-9.14E-08	-1.89E-03	-5.12E-08	-1.09E-03	-4.94E-08
304	369883	3755241	Residence	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E-05	NA	-2.42E-04	-7.80E-08	-1.71E-03	-4.62E-08	-9.98E-04	-4.53E-08
306	369690	3755242	Residence	-1.21E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.14E-05	NA	-2.75E-04	-8.88E-08	-1.93E-03	-5.22E-08	-1.12E-03	-5.11E-08
307	369594	3755243	Residence	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.73E-05	NA	-2.40E-04	-7.74E-08	-1.68E-03	-4.54E-08	-9.76E-04	-4.43E-08
308	369498	3755243	Residence	-1.12E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.90E-05	NA	-2.53E-04	-8.17E-08	-1.79E-03	-4.83E-08	-1.04E-03	-4.73E-08
309	369396	3755244	Residence	-1.43E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.20E-05	NA	-2.57E-04	-8.29E-08	-1.98E-03	-5.35E-08	-1.18E-03	-5.36E-08
310	369295	3755244	Residence	-1.86E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.72E-05	NA	-1.45E-04	-4.69E-08	-1.72E-03	-4.66E-08	-1.12E-03	-5.07E-08
311	369193	3755245	Residence	-2.02E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.67E-05	NA	-1.20E-04	-3.88E-08	-1.70E-03	-4.61E-08	-1.13E-03	-5.14E-08
312	369092	3755245	Residence	-1.92E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.02E-05	NA	-1.78E-04	-5.75E-08	-1.90E-03	-5.15E-08	-1.21E-03	-5.52E-08
313	368991	3755246	Residence	-1.52E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E-05	NA	-1.95E-04	-6.29E-08	-1.75E-03	-4.74E-08	-1.08E-03	-4.92E-08
314	368889	3755247	Residence	-9.78E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E-05	NA	-1.62E-04	-5.23E-08	-1.29E-03	-3.49E-08	-7.77E-04	-3.53E-08
315	368782	3755247	Residence	-8.54E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.04E-05	NA	-1.70E-04	-5.49E-08	-1.26E-03	-3.40E-08	-7.41E-04	-3.37E-08
316	368676	3755248	Residence	-8.71E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.05E-05	NA	-1.70E-04	-5.47E-08	-1.26E-03	-3.42E-08	-7.47E-04	-3.40E-08
317	368569	3755248	Residence	-8.42E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.94E-05	NA	-1.59E-04	-5.12E-08	-1.20E-03	-3.24E-08	-7.10E-04	-3.23E-08
318	368471	3755249	Residence	-8.14E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E-05	NA	-1.46E-04	-4.72E-08	-1.13E-03	-3.04E-08	-6.71E-04	-3.05E-08
319	368373	3755249	Residence	-7.82E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.75E-05	NA	-1.40E-04	-4.53E-08	-1.08E-03	-2.92E-08	-6.44E-04	-2.93E-08
320	368275	3755250	Residence	-7.43E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E-05	NA	-1.24E-04	-4.00E-08	-9.85E-04	-2.66E-08	-5.91E-04	-2.69E-08
321	368167	3755230	Residence	-6.81E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.43E-05	NA	-1.10E-04	-3.56E-08	-8.88E-04	-2.40E-08	-5.35E-04	-2.43E-08
322	368054	3755209	Residence	-6.19E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E-05	NA	-9.10E-05	-2.94E-08	-7.66E-04	-2.07E-08	-4.66E-04	-2.12E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m³)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m³)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m³)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
323	367941	3755189	Residence	-5.96E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E-05	NA	-7.45E-05	-2.40E-08	-6.78E-04	-1.83E-08	-4.20E-04	-1.91E-08
324	367824	3755185	Residence	-5.75E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.99E-06	NA	-6.57E-05	-2.12E-08	-6.26E-04	-1.69E-08	-3.91E-04	-1.78E-08
325	367711	3755181	Residence	-5.50E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.94E-06	NA	-6.80E-05	-2.19E-08	-6.22E-04	-1.68E-08	-3.85E-04	-1.75E-08
326	367598	3755178	Residence	-5.21E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.65E-06	NA	-6.74E-05	-2.17E-08	-6.03E-04	-1.63E-08	-3.72E-04	-1.69E-08
327	367484	3755174	Residence	-4.94E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.20E-06	NA	-6.46E-05	-2.08E-08	-5.75E-04	-1.55E-08	-3.54E-04	-1.61E-08
328	367461	3755189	Residence	-4.94E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.33E-06	NA	-6.63E-05	-2.14E-08	-5.83E-04	-1.57E-08	-3.58E-04	-1.63E-08
329	367415	3755295	Residence	-5.03E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.47E-06	NA	-6.72E-05	-2.17E-08	-5.91E-04	-1.60E-08	-3.63E-04	-1.65E-08
330	367369	3755401	Residence	-4.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.35E-06	NA	-6.69E-05	-2.16E-08	-5.84E-04	-1.58E-08	-3.58E-04	-1.63E-08
331	367324	3755507	Residence	-4.95E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.97E-06	NA	-6.15E-05	-1.98E-08	-5.61E-04	-1.52E-08	-3.48E-04	-1.58E-08
332	367484	3755199	Residence	-5.00E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.36E-06	NA	-6.60E-05	-2.13E-08	-5.84E-04	-1.58E-08	-3.60E-04	-1.63E-08
333	367301	3755623	Residence	-5.03E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.91E-06	NA	-5.97E-05	-1.93E-08	-5.58E-04	-1.51E-08	-3.47E-04	-1.58E-08
334	367114	3756056	Residence	-4.83E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.25E-06	NA	-6.66E-05	-2.15E-08	-5.77E-04	-1.56E-08	-3.54E-04	-1.61E-08
335	366985	3756358	Residence	-4.69E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.10E-06	NA	-6.61E-05	-2.13E-08	-5.67E-04	-1.53E-08	-3.47E-04	-1.58E-08
336	366853	3756663	Residence	-4.22E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.64E-06	NA	-6.54E-05	-2.11E-08	-5.37E-04	-1.45E-08	-3.25E-04	-1.48E-08
337	366902	3756692	Residence	-4.31E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.56E-06	NA	-6.33E-05	-2.04E-08	-5.33E-04	-1.44E-08	-3.24E-04	-1.47E-08
338	366876	3756760	Residence	-4.41E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.00E-06	NA	-6.80E-05	-2.19E-08	-5.59E-04	-1.51E-08	-3.39E-04	-1.54E-08
339	366813	3756739	Residence	-4.16E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.30E-06	NA	-6.16E-05	-1.99E-08	-5.17E-04	-1.40E-08	-3.14E-04	-1.43E-08
340	366677	3757025	Residence	-3.98E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.60E-06	NA	-6.77E-05	-2.18E-08	-5.33E-04	-1.44E-08	-3.20E-04	-1.45E-08
341	366536	3757322	Residence	-3.72E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.48E-06	NA	-6.90E-05	-2.22E-08	-5.24E-04	-1.42E-08	-3.12E-04	-1.42E-08
342	366437	3757531	Residence	-3.55E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.37E-06	NA	-6.95E-05	-2.24E-08	-5.17E-04	-1.40E-08	-3.05E-04	-1.39E-08
343	366487	3757537	Residence	-3.61E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.37E-06	NA	-6.88E-05	-2.22E-08	-5.17E-04	-1.40E-08	-3.07E-04	-1.39E-08
344	366624	3757468	Residence	-3.85E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.69E-06	NA	-7.03E-05	-2.27E-08	-5.38E-04	-1.45E-08	-3.20E-04	-1.45E-08
345	366644	3757531	Residence	-3.84E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.61E-06	NA	-6.95E-05	-2.24E-08	-5.33E-04	-1.44E-08	-3.18E-04	-1.44E-08
346	366777	3757520	Residence	-4.08E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.94E-06	NA	-7.10E-05	-2.29E-08	-5.54E-04	-1.50E-08	-3.31E-04	-1.51E-08
347	366999	3757642	Residence	-4.36E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.21E-06	NA	-7.14E-05	-2.30E-08	-5.72E-04	-1.55E-08	-3.44E-04	-1.56E-08
348	367174	3757740	Residence	-4.60E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.34E-06	NA	-7.04E-05	-2.27E-08	-5.81E-04	-1.57E-08	-3.52E-04	-1.60E-08
349	367291	3757694	Residence	-4.89E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.53E-06	NA	-6.95E-05	-2.24E-08	-5.94E-04	-1.61E-08	-3.63E-04	-1.65E-08
350	367413	3757695	Residence	-5.17E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.49E-06	NA	-6.58E-05	-2.12E-08	-5.93E-04	-1.60E-08	-3.66E-04	-1.67E-08
351	367410	3757736	Residence	-5.09E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.17E-06	NA	-6.25E-05	-2.02E-08	-5.74E-04	-1.55E-08	-3.56E-04	-1.62E-08
352	367518	3757796	Residence	-5.45E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.78E-06	NA	-6.64E-05	-2.14E-08	-6.12E-04	-1.65E-08	-3.80E-04	-1.73E-08
353	367539	3757802	Residence	-5.49E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.73E-06	NA	-6.52E-05	-2.10E-08	-6.09E-04	-1.65E-08	-3.79E-04	-1.72E-08
354	367609	3757677	Residence	-5.67E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.62E-06	NA	-6.18E-05	-1.99E-08	-6.04E-04	-1.63E-08	-3.79E-04	-1.72E-08
355	367769	3757644	Residence	-6.33E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.17E-05	NA	-8.18E-05	-2.64E-08	-7.32E-04	-1.98E-08	-4.51E-04	-2.05E-08
356	367775	3757719	Residence	-6.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E-05	NA	-7.33E-05	-2.37E-08	-6.90E-04	-1.86E-08	-4.30E-04	-1.95E-08
357	367809	3757835	Residence	-6.17E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E-05	NA	-7.27E-05	-2.34E-08	-6.82E-04	-1.84E-08	-4.25E-04	-1.93E-08
358	367807	3757936	Residence	-6.05E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E-05	NA	-6.72E-05	-2.17E-08	-6.50E-04	-1.76E-08	-4.07E-04	-1.85E-08
359	367775	3757959	Residence	-5.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-05	NA	-6.39E-05	-2.06E-08	-6.28E-04	-1.70E-08	-3.95E-04	-1.79E-08
360	367798	3758011	Residence	-5.84E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E-05	NA	-6.61E-05	-2.13E-08	-6.34E-04	-1.71E-08	-3.96E-04	-1.80E-08
361	367914	3757962	Residence	-6.23E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E-05	NA	-8.12E-05	-2.62E-08	-7.24E-04	-1.96E-08	-4.46E-04	-2.03E-08
362	367905	3757930	Residence	-6.31E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.15E-05	NA	-7.94E-05	-2.56E-08	-7.20E-04	-1.95E-08	-4.45E-04	-2.02E-08
363	368109	3757840	Residence	-7.13E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E-05	NA	-1.11E-04	-3.59E-08	-9.11E-04	-2.46E-08	-5.51E-04	-2.50E-08
364	368233	3757790	Residence	-7.67E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E-05	NA	-1.35E-04	-4.36E-08	-1.05E-03	-2.84E-08	-6.27E-04	-2.85E-08
365	368309	3757762	Residence	-7.97E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E-05	NA	-1.49E-04	-4.79E-08	-1.13E-03	-3.04E-08	-6.69E-04	-3.04E-08
366	368603	3757765	Residence	-9.26E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.09E-05	NA	-1.69E-04	-5.44E-08	-1.29E-03	-3.49E-08	-7.69E-04	-3.49E-08
367	368604	3757719	Residence	-9.06E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E-05	NA	-1.76E-04	-5.66E-08	-1.31E-03	-3.54E-08	-7.75E-04	-3.52E-08
368	368770	3757799	Residence	-9.07E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.19E-05	NA	-1.84E-04	-5.95E-08	-1.35E-03	-3.65E-08	-7.95E-04	-3.61E-08
369	369017	3757954	Residence	-1.01E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.35E-05	NA	-1.94E-04	-6.25E-08	-1.45E-03	-3.92E-08	-8.60E-04	-3.91E-08
370	369080	3757864	Residence	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.47E-05	NA	-2.04E-04	-6.58E-08	-1.53E-03	-4.13E-08	-9.06E-04	-4.12E-08
371	369224	3757952	Residence	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.51E-05	NA	-2.11E-04	-6.80E-08	-1.55E-03	-4.18E-08	-9.11E-04	-4.14E-08
372	369409	3757730	Residence	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.88E-05	NA	-2.45E-04	-7.91E-08	-1.78E-03	-4.80E-08	-1.04E-03	-4.74E-08
373	369454	3757776	Residence	-1.20E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E-05	NA	-2.50E-04	-8.06E-08	-1.81E-03	-4.90E-08	-1.07E-03	-4.84E-08
374	369265	3757997	Residence	-1.04E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E-05	NA	-1.95E-04	-6.29E-08	-1.47E-03	-3.99E-08	-8.75E-04	-3.98E-08
375	369452	3758128	Residence	-8.30E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.35E-05	NA	-2.15E-04	-6.92E-08	-1.44E-03	-3.90E-08	-8.29E-04	-3.77E-08
376	369460	3758394	Residence	-7.18E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.78E-05	NA	-1.52E-04	-4.90E-08	-1.10E-03	-2.96E-08	-6.43E-04	-2.92E-08
377	369853	3758394	Residence	-7.89E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.05E-05	NA	-1.79E-04	-5.77E-08	-1.26E-03	-3.40E-08	-7.33E-04	-3.33E-08
378	369850	3758078	Residence	-9.64E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E-05	NA	-2.03E-04	-6.55E-08	-1.47E-03	-3.97E-08	-8.61E-04	-3.91E-08
384	370886	3758089	Residence	-7.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E-05	NA	-2.18E-04	-7.03E-08	-1.44E-03	-3.88E-08	-8.20E-04	-3.73E-08
391	371193	3757720	Residence	-1.12E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.87E-05	NA	-2.49E-04	-8.02E-08	-1.77E-03	-4.77E-08	-1.03E-03	-4.68E-08
392	371254	3757762	Residence	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E-05	NA	-2.45E-04	-7.89E-08	-1.72E-03	-4.66E-08	-1.00E-03	-4.57E-08
393	371264	3757783	Residence	-1.09E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.80E-05	NA	-2.45E-04	-7.90E-08	-1.73E-03	-4.66E-08	-1.01E-03	-4.57E-08

Table 4-3B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Operations for Offsite Receptors
LAX Central Utility Plant
Operations TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	Hydrogen chloride (µg/m^3)	Hydrogen chloride Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	Polycyclic Aromatic Hydrocarbon (PAHs) (µg/m^3)	Polycyclic Aromatic Hydrocarbon (PAHs) Acute Hazard	propylene oxide (µg/m^3)	propylene oxide Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
			CalEPA Acute REL		NA		2100		13000		NA		3100		37000		22000
394	371372	3757782	Residence	-9.25E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E-05	NA	-2.18E-04	-7.02E-08	-1.51E-03	-4.08E-08	-8.76E-04	-3.98E-08
395	371399	3757806	Residence	-9.02E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.38E-05	NA	-2.10E-04	-6.78E-08	-1.46E-03	-3.96E-08	-8.50E-04	-3.87E-08
396	371798	3758080	Residence	-7.66E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E-05	NA	-1.39E-04	-4.47E-08	-1.06E-03	-2.88E-08	-6.34E-04	-2.88E-08
397	371908	3757934	Residence	-8.53E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.89E-05	NA	-1.51E-04	-4.88E-08	-1.17E-03	-3.17E-08	-6.99E-04	-3.18E-08
398	371964	3757922	Residence	-8.46E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E-05	NA	-1.43E-04	-4.60E-08	-1.13E-03	-3.05E-08	-6.77E-04	-3.08E-08
442	370667	3755262	Residence	-7.56E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.62E-05	NA	-2.58E-04	-8.34E-08	-1.60E-03	-4.32E-08	-8.94E-04	-4.06E-08
443	370380	3755263	Residence	-6.92E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E-05	NA	-2.53E-04	-8.18E-08	-1.54E-03	-4.16E-08	-8.56E-04	-3.89E-08
444	370076	3755265	Residence	-9.04E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E-05	NA	-2.62E-04	-8.46E-08	-1.70E-03	-4.59E-08	-9.66E-04	-4.39E-08
446	369498	3755268	Residence	-1.14E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E-05	NA	-2.60E-04	-8.38E-08	-1.83E-03	-4.94E-08	-1.06E-03	-4.83E-08
447	369194	3755270	Residence	-2.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E-05	NA	-1.40E-04	-4.51E-08	-1.81E-03	-4.90E-08	-1.19E-03	-5.40E-08
448	368889	3755272	Residence	-8.80E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.05E-05	NA	-1.69E-04	-5.45E-08	-1.27E-03	-3.42E-08	-7.50E-04	-3.41E-08
449	368569	3755273	Residence	-8.56E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.96E-05	NA	-1.60E-04	-5.15E-08	-1.21E-03	-3.27E-08	-7.19E-04	-3.27E-08
450	368275	3755275	Residence	-7.39E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.58E-05	NA	-1.23E-04	-3.97E-08	-9.79E-04	-2.65E-08	-5.88E-04	-2.67E-08
451	367936	3755213	Residence	-6.05E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E-05	NA	-7.38E-05	-2.38E-08	-6.80E-04	-1.84E-08	-4.22E-04	-1.92E-08
74	370324	3758078	School	-5.71E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.97E-06	NA	-6.58E-05	-2.12E-08	-6.25E-04	-1.69E-08	-3.90E-04	-1.77E-08
75	370324	3758078	School	-5.81E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E-05	NA	-6.54E-05	-2.11E-08	-6.28E-04	-1.70E-08	-3.93E-04	-1.79E-08
76	370324	3758078	School	-6.07E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E-05	NA	-7.31E-05	-2.36E-08	-6.78E-04	-1.83E-08	-4.21E-04	-1.92E-08
77	370324	3758078	School	-6.18E-05	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.08E-05	NA	-7.14E-05	-2.30E-08	-6.77E-04	-1.83E-08	-4.22E-04	-1.92E-08
130	370324	3758078	School	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.58E-05	NA	-2.20E-04	-7.09E-08	-1.59E-03	-4.31E-08	-9.36E-04	-4.25E-08
131	370381	3757991	School	-1.05E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.69E-05	NA	-2.34E-04	-7.54E-08	-1.66E-03	-4.48E-08	-9.66E-04	-4.39E-08
132	370435	3758019	School	-1.15E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.75E-05	NA	-2.30E-04	-7.43E-08	-1.70E-03	-4.58E-08	-9.99E-04	-4.54E-08
133	370499	3758050	School	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E-05	NA	-2.55E-04	-8.22E-08	-1.82E-03	-4.93E-08	-1.07E-03	-4.85E-08
134	370485	3758025	School	-1.19E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.97E-05	NA	-2.55E-04	-8.23E-08	-1.83E-03	-4.95E-08	-1.07E-03	-4.87E-08
135	370481	3758086	School	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.93E-05	NA	-2.51E-04	-8.10E-08	-1.80E-03	-4.87E-08	-1.06E-03	-4.80E-08
305	369787	3755242	School	-1.18E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.11E-05	NA	-2.75E-04	-8.85E-08	-1.91E-03	-5.17E-08	-1.11E-03	-5.05E-08
379	370299	3758078	School	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.67E-05	NA	-2.28E-04	-7.35E-08	-1.64E-03	-4.44E-08	-9.63E-04	-4.38E-08
380	370298	3757963	School	-1.08E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.63E-05	NA	-2.22E-04	-7.15E-08	-1.62E-03	-4.38E-08	-9.53E-04	-4.33E-08
381	370382	3757966	School	-1.06E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.66E-05	NA	-2.29E-04	-7.40E-08	-1.64E-03	-4.44E-08	-9.60E-04	-4.36E-08
382	370510	3758027	School	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.92E-05	NA	-2.51E-04	-8.09E-08	-1.80E-03	-4.87E-08	-1.05E-03	-4.79E-08
383	370506	3758088	School	-1.17E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E-05	NA	-2.56E-04	-8.25E-08	-1.82E-03	-4.93E-08	-1.07E-03	-4.85E-08
445	369787	3755267	School	-1.20E-04	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.15E-05	NA	-2.77E-04	-8.95E-08	-1.94E-03	-5.24E-08	-1.13E-03	-5.12E-08

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
Residential																					
Maximum Offsite Concentration-->	1.51E+01	1.54E+01	1.08E+00	8.47E-04	3.09E-01	3.12E-02	5.29E-02	2.08E-04	2.16E+00	3.77E-02	5.05E-04	7.21E-03	2.16E-01	1.27E-02	0.00E+00	4.00E-01	9.28E-03	2.67E-01	1.12E-01	5.70E-02	1.40E-02
Average Offsite Concentration-->	6.08E+00	6.20E+00	4.33E-01	3.41E-04	1.24E-01	1.26E-02	2.13E-02	8.09E-05	8.70E-01	1.51E-02	1.96E-04	2.90E-03	8.70E-02	5.12E-03	0.00E+00	1.61E-01	3.73E-03	1.07E-01	4.52E-02	2.29E-02	5.61E-03
Minimum Offsite Concentration-->	8.47E-01	8.64E-01	6.04E-02	4.76E-05	1.73E-02	1.75E-03	2.96E-03	1.10E-05	1.21E-01	2.10E-03	2.66E-05	4.04E-04	1.21E-02	7.14E-04	0.00E+00	2.24E-02	5.20E-04	1.49E-02	6.30E-03	3.20E-03	7.83E-04
Commercial																					
Maximum Offsite Concentration-->	1.47E+02	1.50E+02	1.04E+01	8.19E-03	2.99E+00	3.02E-01	5.19E-01	2.99E-03	2.09E+01	3.88E-01	7.24E-03	7.11E-02	2.09E+00	1.23E-01	0.00E+00	3.86E+00	8.96E-02	2.65E+00	1.09E+00	5.51E-01	1.35E-01
Average Offsite Concentration-->	8.79E+00	8.96E+00	6.25E-01	4.92E-04	1.80E-01	1.81E-02	3.08E-02	1.32E-04	1.26E+00	2.22E-02	3.20E-04	4.21E-03	1.26E-01	7.40E-03	0.00E+00	2.32E-01	5.39E-03	1.56E-01	6.53E-02	3.31E-02	8.11E-03
Minimum Offsite Concentration-->	9.95E-01	1.01E+00	7.08E-02	5.58E-05	2.03E-02	2.05E-03	3.49E-03	1.41E-05	1.42E-01	2.50E-03	3.41E-05	4.76E-04	1.42E-02	8.37E-04	0.00E+00	2.63E-02	6.10E-04	1.76E-02	7.39E-03	3.75E-03	9.18E-04
School																					
Maximum Offsite Concentration-->	9.95E+00	1.01E+01	7.08E-01	5.57E-04	2.03E-01	2.05E-02	3.49E-02	1.53E-04	1.42E+00	2.52E-02	3.70E-04	4.77E-03	1.42E-01	8.37E-03	0.00E+00	2.63E-01	6.10E-03	1.77E-01	7.39E-02	3.75E-02	9.18E-03
Average Offsite Concentration-->	6.18E+00	6.31E+00	4.40E-01	3.46E-04	1.26E-01	1.28E-02	2.17E-02	9.76E-05	8.83E-01	1.57E-02	2.37E-04	2.97E-03	8.84E-02	5.20E-03	0.00E+00	1.63E-01	3.79E-03	1.10E-01	4.59E-02	2.33E-02	5.71E-03
Minimum Offsite Concentration-->	4.38E+00	4.47E+00	3.11E-01	2.45E-04	8.94E-02	9.03E-03	1.54E-02	6.05E-05	6.25E-01	1.12E-02	1.47E-04	2.11E-03	6.26E-02	3.68E-03	0.00E+00	1.16E-01	2.68E-03	7.82E-02	3.25E-02	1.65E-02	4.04E-03
CalEPA Acute REL	NA	NA	470	2.5	1300	NA	NA	NA	55	NA	3200	28000	13000	NA	5800	3100	21000	37000	22000	22000	22000
Residential																					
Offsite Maximum Acute Hazard-->	NA	NA	2.29E-03	3.39E-04	2.38E-04	NA	NA	NA	3.93E-02	NA	1.58E-07	2.58E-07	1.66E-05	NA	0.00E+00	1.29E-04	4.42E-07	7.21E-06	5.11E-06	2.59E-06	6.35E-07
Offsite Average Acute Hazard-->	NA	NA	9.21E-04	1.36E-04	9.56E-05	NA	NA	NA	1.58E-02	NA	6.12E-08	1.04E-07	6.69E-06	NA	0.00E+00	5.18E-05	1.78E-07	2.90E-06	2.05E-06	1.04E-06	2.55E-07
Offsite Minimum Acute Hazard-->	NA	NA	1.28E-04	1.90E-05	1.33E-05	NA	NA	NA	2.20E-03	NA	8.31E-09	1.44E-08	9.33E-07	NA	0.00E+00	7.23E-06	2.48E-08	4.04E-07	2.86E-07	1.45E-07	3.56E-08
Commercial																					
Offsite Maximum Acute Hazard-->	NA	NA	2.21E-02	3.28E-03	2.30E-03	NA	NA	NA	3.80E-01	NA	2.26E-06	2.54E-06	1.61E-04	NA	0.00E+00	1.24E-03	4.26E-06	7.17E-05	4.94E-05	2.50E-05	6.14E-06
Offsite Average Acute Hazard-->	NA	NA	1.33E-03	1.97E-04	1.38E-04	NA	NA	NA	2.28E-02	NA	1.00E-07	1.50E-07	9.67E-06	NA	0.00E+00	7.48E-05	2.56E-07	4.22E-06	2.97E-06	1.50E-06	3.69E-07
Offsite Minimum Acute Hazard-->	NA	NA	1.51E-04	2.23E-05	1.56E-05	NA	NA	NA	2.59E-03	NA	1.07E-08	1.70E-08	1.09E-06	NA	0.00E+00	8.47E-06	2.90E-08	4.76E-07	3.36E-07	1.70E-07	4.17E-08
School																					
Offsite Maximum Acute Hazard-->	NA	NA	1.51E-03	2.23E-04	1.56E-04	NA	NA	NA	2.58E-02	NA	1.16E-07	1.70E-07	1.09E-05	NA	0.00E+00	8.47E-05	2.90E-07	4.78E-06	3.36E-06	1.70E-06	4.17E-07
Offsite Average Acute Hazard-->	NA	NA	9.36E-04	1.38E-04	9.71E-05	NA	NA	NA	1.61E-02	NA	7.39E-08	1.06E-07	6.80E-06	NA	0.00E+00	5.26E-05	1.80E-07	2.98E-06	2.09E-06	1.06E-06	2.59E-07
Offsite Minimum Acute Hazard-->	NA	NA	6.63E-04	9.81E-05	6.88E-05	NA	NA	NA	1.14E-02	NA	4.58E-08	7.52E-08	4.81E-06	NA	0.00E+00	3.73E-05	1.28E-07	2.11E-06	1.48E-06	7.49E-07	1.84E-07

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
29	370479	3756654	Commercial	1.47E+02	1.50E+02	1.04E+01	8.19E-03	2.99E+00	3.02E-01	5.19E-01	2.99E-03	2.09E+01	3.88E-01	7.24E-03	7.11E-02	2.09E+00	1.23E-01	0.00E+00	3.86E+00	8.96E-02	2.65E+00	1.09E+00	5.51E-01	1.35E-01
141	370911	3758089	Commercial	4.15E+00	4.24E+00	2.96E-01	2.33E-04	8.49E-02	8.58E-03	1.46E-02	6.00E-05	5.94E-01	1.04E-02	1.45E-04	1.99E-03	5.94E-02	3.50E-03	0.00E+00	1.10E-01	2.55E-03	7.36E-02	3.09E-02	1.57E-02	3.84E-03
142	370911	3757976	Commercial	4.93E+00	5.03E+00	3.52E-01	2.77E-04	1.01E-01	1.02E-02	1.73E-02	6.48E-05	7.06E-01	1.23E-02	1.57E-04	2.35E-03	7.06E-02	4.16E-03	0.00E+00	1.30E-01	3.03E-03	8.71E-02	3.67E-02	1.86E-02	4.56E-03
143	370911	3757863	Commercial	6.46E+00	6.59E+00	4.61E-01	3.63E-04	1.32E-01	1.34E-02	2.26E-02	7.53E-05	9.26E-01	1.59E-02	1.83E-04	3.07E-03	9.26E-02	5.45E-03	0.00E+00	1.71E-01	3.97E-03	1.13E-01	4.81E-02	2.44E-02	5.97E-03
144	370910	3757751	Commercial	8.40E+00	8.56E+00	5.99E-01	4.72E-04	1.72E-01	1.74E-02	2.93E-02	1.02E-04	1.20E+00	2.07E-02	2.48E-04	4.00E-03	1.20E-01	7.08E-03	0.00E+00	2.22E-01	5.16E-03	1.48E-01	6.25E-02	3.17E-02	7.76E-03
145	370930	3757712	Commercial	9.38E+00	9.57E+00	6.69E-01	5.27E-04	1.92E-01	1.94E-02	3.28E-02	1.17E-04	1.34E+00	2.32E-02	2.84E-04	4.47E-03	1.34E-01	7.91E-03	0.00E+00	2.48E-01	5.76E-03	1.65E-01	6.98E-02	3.54E-02	8.67E-03
146	370961	3757689	Commercial	1.01E+01	1.03E+01	7.22E-01	5.69E-04	2.07E-01	2.10E-02	3.54E-02	1.30E-04	1.45E+00	2.51E-02	3.15E-04	4.83E-03	1.45E-01	8.54E-03	0.00E+00	2.68E-01	6.22E-03	1.79E-01	7.54E-02	3.82E-02	9.36E-03
147	371046	3757693	Commercial	1.06E+01	1.08E+01	7.58E-01	5.97E-04	2.18E-01	2.20E-02	3.72E-02	1.41E-04	1.52E+00	2.65E-02	3.42E-04	5.07E-03	1.52E-01	8.96E-03	0.00E+00	2.81E-01	6.52E-03	1.88E-01	7.91E-02	4.01E-02	9.82E-03
148	371071	3757668	Commercial	1.11E+01	1.14E+01	7.94E-01	6.25E-04	2.28E-01	2.30E-02	3.90E-02	1.50E-04	1.59E+00	2.78E-02	3.64E-04	5.32E-03	1.60E-01	9.39E-03	0.00E+00	2.95E-01	6.84E-03	1.97E-01	8.29E-02	4.20E-02	1.03E-02
149	371071	3757585	Commercial	1.25E+01	1.28E+01	8.92E-01	7.02E-04	2.56E-01	2.59E-02	4.39E-02	1.74E-04	1.79E+00	3.13E-02	4.21E-04	5.98E-03	1.79E-01	1.05E-02	0.00E+00	3.31E-01	7.68E-03	2.22E-01	9.31E-02	4.72E-02	1.16E-02
150	371047	3757610	Commercial	1.21E+01	1.23E+01	8.62E-01	6.79E-04	2.48E-01	2.50E-02	4.24E-02	1.65E-04	1.73E+00	3.02E-02	4.00E-04	5.78E-03	1.73E-01	1.02E-02	0.00E+00	3.20E-01	7.43E-03	2.14E-01	9.00E-02	4.57E-02	1.12E-02
151	371122	3757609	Commercial	1.21E+01	1.23E+01	8.58E-01	6.76E-04	2.46E-01	2.49E-02	4.22E-02	1.68E-04	1.72E+00	3.02E-02	4.07E-04	5.76E-03	1.72E-01	1.02E-02	0.00E+00	3.18E-01	7.39E-03	2.13E-01	8.96E-02	4.54E-02	1.11E-02
152	371099	3757595	Commercial	1.23E+01	1.26E+01	8.77E-01	6.90E-04	2.52E-01	2.54E-02	4.31E-02	1.71E-04	1.76E+00	3.08E-02	4.15E-04	5.88E-03	1.76E-01	1.04E-02	0.00E+00	3.25E-01	7.55E-03	2.18E-01	9.15E-02	4.64E-02	1.14E-02
153	371135	3757663	Commercial	1.13E+01	1.15E+01	8.02E-01	6.32E-04	2.30E-01	2.33E-02	3.95E-02	1.55E-04	1.61E+00	2.81E-02	3.76E-04	5.38E-03	1.61E-01	9.49E-03	0.00E+00	2.98E-01	6.91E-03	1.99E-01	8.37E-02	4.25E-02	1.04E-02
168	371995	3757843	Commercial	6.64E+00	6.77E+00	4.73E-01	3.72E-04	1.36E-01	1.37E-02	2.33E-02	9.33E-05	9.50E-01	1.66E-02	2.26E-04	3.17E-03	9.50E-02	5.59E-03	0.00E+00	1.75E-01	4.07E-03	1.18E-01	4.93E-02	2.50E-02	6.13E-03
169	371969	3757867	Commercial	6.73E+00	6.87E+00	4.80E-01	3.77E-04	1.38E-01	1.39E-02	2.36E-02	9.42E-05	9.63E-01	1.69E-02	2.28E-04	3.22E-03	9.63E-02	5.67E-03	0.00E+00	1.78E-01	4.13E-03	1.19E-01	5.00E-02	2.54E-02	6.22E-03
170	372023	3757868	Commercial	6.50E+00	6.63E+00	4.63E-01	3.64E-04	1.33E-01	1.34E-02	2.28E-02	9.11E-05	9.30E-01	1.63E-02	2.21E-04	3.10E-03	9.30E-02	5.47E-03	0.00E+00	1.72E-01	3.99E-03	1.15E-01	4.83E-02	2.45E-02	6.00E-03
171	372048	3757843	Commercial	6.39E+00	6.51E+00	4.55E-01	3.58E-04	1.31E-01	1.32E-02	2.24E-02	8.98E-05	9.13E-01	1.60E-02	2.18E-04	3.05E-03	9.14E-02	5.38E-03	0.00E+00	1.69E-01	3.92E-03	1.13E-01	4.75E-02	2.41E-02	5.90E-03
172	372047	3757746	Commercial	6.29E+00	6.41E+00	4.48E-01	3.52E-04	1.29E-01	1.30E-02	2.20E-02	8.94E-05	9.00E-01	1.58E-02	2.17E-04	3.01E-03	9.00E-02	5.30E-03	0.00E+00	1.66E-01	3.86E-03	1.11E-01	4.67E-02	2.37E-02	5.81E-03
173	372046	3757649	Commercial	6.03E+00	6.15E+00	4.30E-01	3.38E-04	1.23E-01	1.25E-02	2.11E-02	8.63E-05	8.63E-01	1.51E-02	2.09E-04	2.88E-03	8.63E-02	5.08E-03	0.00E+00	1.59E-01	3.70E-03	1.07E-01	4.48E-02	2.27E-02	5.57E-03
174	372045	3757551	Commercial	6.07E+00	6.19E+00	4.32E-01	3.40E-04	1.24E-01	1.25E-02	2.12E-02	8.41E-05	8.68E-01	1.52E-02	2.04E-04	2.90E-03	8.68E-02	5.11E-03	0.00E+00	1.60E-01	3.72E-03	1.07E-01	4.51E-02	2.29E-02	5.60E-03
175	372041	3757448	Commercial	6.32E+00	6.45E+00	4.51E-01	3.54E-04	1.29E-01	1.31E-02	2.22E-02	8.82E-05	9.05E-01	1.58E-02	2.14E-04	3.02E-03	9.05E-02	5.33E-03	0.00E+00	1.67E-01	3.88E-03	1.12E-01	4.70E-02	2.38E-02	5.84E-03
176	372036	3757345	Commercial	6.40E+00	6.53E+00	4.56E-01	3.58E-04	1.31E-01	1.32E-02	2.24E-02	8.99E-05	9.16E-01	1.60E-02	2.18E-04	3.06E-03	9.16E-02	5.39E-03	0.00E+00	1.69E-01	3.93E-03	1.13E-01	4.76E-02	2.41E-02	5.91E-03
177	372032	3757242	Commercial	6.85E+00	6.98E+00	4.88E-01	3.84E-04	1.40E-01	1.42E-02	2.40E-02	9.47E-05	9.80E-01	1.71E-02	2.30E-04	3.27E-03	9.80E-02	5.77E-03	0.00E+00	1.81E-01	4.20E-03	1.21E-01	5.09E-02	2.58E-02	6.32E-03
178	372027	3757139	Commercial	7.90E+00	8.06E+00	5.63E-01	4.43E-04	1.62E-01	1.63E-02	2.77E-02	1.10E-04	1.13E+00	1.98E-02	2.67E-04	3.77E-03	1.13E-01	6.65E-03	0.00E+00	2.09E-01	4.85E-03	1.40E-01	5.87E-02	2.98E-02	7.30E-03
179	372003	3757115	Commercial	8.23E+00	8.39E+00	5.86E-01	4.61E-04	1.68E-01	1.70E-02	2.88E-02	1.15E-04	1.18E+00	2.06E-02	2.78E-04	3.93E-03	1.18E-01	6.93E-03	0.00E+00	2.17E-01	5.05E-03	1.46E-01	6.11E-02	3.10E-02	7.60E-03
180	371881	3757114	Commercial	8.73E+00	8.90E+00	6.22E-01	4.89E-04	1.79E-01	1.80E-02	3.06E-02	1.22E-04	1.25E+00	2.19E-02	2.96E-04	4.17E-03	1.25E-01	7.35E-03	0.00E+00	2.31E-01	5.35E-03	1.55E-01	6.49E-02	3.29E-02	8.06E-03
181	371758	3757113	Commercial	9.26E+00	9.44E+00	6.59E-01	5.19E-04	1.89E-01	1.91E-02	3.24E-02	1.30E-04	1.32E+00	2.32E-02	3.15E-04	4.42E-03	1.32E-01	7.80E-03	0.00E+00	2.45E-01	5.68E-03	1.64E-01	6.88E-02	3.49E-02	8.55E-03
182	371636	3757112	Commercial	9.78E+00	9.97E+00	6.96E-01	5.48E-04	2.00E-01	2.02E-02	3.43E-02	1.37E-04	1.40E+00	2.45E-02	3.33E-04	4.67E-03	1.40E-01	8.23E-03	0.00E+00	2.58E-01	6.00E-03	1.73E-01	7.27E-02	3.69E-02	9.03E-03
183	371514	3757111	Commercial	1.03E+01	1.05E+01	7.32E-01	5.75E-04	2.10E-01	2.12E-02	3.60E-02	1.48E-04	1.47E+00	2.58E-02	3.58E-04	4.91E-03	1.47E-01	8.66E-03	0.00E+00	2.72E-01	6.30E-03	1.82E-01	7.64E-02	3.87E-02	9.49E-03
184	371394	3757110	Commercial	1.18E+01	1.20E+01	8.38E-01	6.58E-04	2.41E-01	2.43E-02	4.12E-02	1.70E-04	1.68E+00	2.96E-02	4.12E-04	5.63E-03	1.68E-01	9.91E-03	0.00E+00	3.11E-01	7.21E-03	2.09E-01	8.74E-02	4.43E-02	1.09E-02
185	371275	3757110	Commercial	1.34E+01	1.37E+01	9.56E-01	7.51E-04	2.74E-01	2.77E-02	4.71E-02	1.95E-04	1.92E+00	3.37E-02	4.72E-04	6.42E-03	1.92E-01	1.13E-02	0.00E+00	3.54E-01	8.23E-03	2.38E-01	9.97E-02	5.06E-02	1.24E-02

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
186	371155	3757109	Commercial	1.56E+01	1.59E+01	1.11E+00	8.73E-04	3.19E-01	3.22E-02	5.48E-02	2.38E-04	2.23E+00	3.95E-02	5.77E-04	7.48E-03	2.23E-01	1.31E-02	0.00E+00	4.12E-01	9.57E-03	2.78E-01	1.16E-01	5.88E-02	1.44E-02
187	371035	3757108	Commercial	1.96E+01	2.00E+01	1.40E+00	1.10E-03	4.01E-01	4.06E-02	6.90E-02	3.01E-04	2.81E+00	4.97E-02	7.29E-04	9.41E-03	2.81E-01	1.65E-02	0.00E+00	5.19E-01	1.20E-02	3.49E-01	1.46E-01	7.40E-02	1.81E-02
188	371060	3757133	Commercial	1.88E+01	1.92E+01	1.34E+00	1.05E-03	3.85E-01	3.89E-02	6.61E-02	2.87E-04	2.69E+00	4.77E-02	6.95E-04	9.02E-03	2.69E-01	1.59E-02	0.00E+00	4.97E-01	1.15E-02	3.35E-01	1.40E-01	7.10E-02	1.74E-02
189	371059	3757085	Commercial	1.86E+01	1.90E+01	1.33E+00	1.04E-03	3.81E-01	3.84E-02	6.54E-02	2.86E-04	2.66E+00	4.72E-02	6.94E-04	8.92E-03	2.66E-01	1.57E-02	0.00E+00	4.92E-01	1.14E-02	3.31E-01	1.38E-01	7.02E-02	1.72E-02
190	371034	3757060	Commercial	1.94E+01	1.97E+01	1.38E+00	1.08E-03	3.95E-01	4.00E-02	6.80E-02	2.99E-04	2.77E+00	4.91E-02	7.25E-04	9.27E-03	2.77E-01	1.63E-02	0.00E+00	5.11E-01	1.19E-02	3.44E-01	1.44E-01	7.29E-02	1.79E-02
191	370944	3757061	Commercial	2.32E+01	2.37E+01	1.65E+00	1.30E-03	4.74E-01	4.79E-02	8.15E-02	3.60E-04	3.32E+00	5.89E-02	8.73E-04	1.11E-02	3.32E-01	1.95E-02	0.00E+00	6.13E-01	1.42E-02	4.13E-01	1.72E-01	8.74E-02	2.14E-02
192	370854	3757061	Commercial	2.72E+01	2.77E+01	1.93E+00	1.52E-03	5.55E-01	5.61E-02	9.54E-02	4.22E-04	3.88E+00	6.89E-02	1.02E-03	1.30E-02	3.88E-01	2.29E-02	0.00E+00	7.17E-01	1.66E-02	4.83E-01	2.02E-01	1.02E-01	2.51E-02
193	370764	3757062	Commercial	3.06E+01	3.12E+01	2.18E+00	1.71E-03	6.26E-01	6.32E-02	1.08E-01	4.70E-04	4.38E+00	7.76E-02	1.14E-03	1.47E-02	4.38E-01	2.58E-02	0.00E+00	8.08E-01	1.88E-02	5.45E-01	2.27E-01	1.15E-01	2.83E-02
194	370789	3757086	Commercial	2.87E+01	2.92E+01	2.04E+00	1.60E-03	5.86E-01	5.92E-02	1.01E-01	4.36E-04	4.10E+00	7.25E-02	1.06E-03	1.37E-02	4.10E-01	2.41E-02	0.00E+00	7.56E-01	1.76E-02	5.09E-01	2.13E-01	1.08E-01	2.65E-02
195	370786	3756996	Commercial	3.22E+01	3.29E+01	2.29E+00	1.80E-03	6.58E-01	6.65E-02	1.13E-01	5.14E-04	4.61E+00	8.21E-02	1.25E-03	1.55E-02	4.61E-01	2.71E-02	0.00E+00	8.51E-01	1.97E-02	5.74E-01	2.39E-01	1.21E-01	2.98E-02
196	370782	3756907	Commercial	3.31E+01	3.37E+01	2.35E+00	1.85E-03	6.75E-01	6.82E-02	1.16E-01	5.43E-04	4.72E+00	8.45E-02	1.31E-03	1.59E-02	4.73E-01	2.78E-02	0.00E+00	8.73E-01	2.03E-02	5.90E-01	2.45E-01	1.25E-01	3.05E-02
197	370779	3756817	Commercial	3.82E+01	3.90E+01	2.72E+00	2.13E-03	7.81E-01	7.88E-02	1.34E-01	6.01E-04	5.46E+00	9.70E-02	1.46E-03	1.83E-02	5.46E-01	3.22E-02	0.00E+00	1.01E+00	2.34E-02	6.80E-01	2.83E-01	1.44E-01	3.53E-02
198	370755	3756843	Commercial	3.61E+01	3.68E+01	2.57E+00	2.01E-03	7.37E-01	7.45E-02	1.27E-01	5.76E-04	5.16E+00	9.18E-02	1.40E-03	1.73E-02	5.16E-01	3.04E-02	0.00E+00	9.52E-01	2.21E-02	6.43E-01	2.68E-01	1.36E-01	3.33E-02
199	370847	3756839	Commercial	3.24E+01	3.30E+01	2.30E+00	1.81E-03	6.61E-01	6.68E-02	1.14E-01	4.99E-04	4.63E+00	8.20E-02	1.21E-03	1.55E-02	4.63E-01	2.72E-02	0.00E+00	8.54E-01	1.98E-02	5.76E-01	2.40E-01	1.22E-01	2.99E-02
200	370940	3756836	Commercial	2.89E+01	2.95E+01	2.06E+00	1.62E-03	5.91E-01	5.97E-02	1.01E-01	4.39E-04	4.13E+00	7.31E-02	1.07E-03	1.38E-02	4.13E-01	2.43E-02	0.00E+00	7.63E-01	1.77E-02	5.14E-01	2.15E-01	1.09E-01	2.67E-02
201	371032	3756832	Commercial	2.57E+01	2.62E+01	1.83E+00	1.43E-03	5.24E-01	5.30E-02	9.00E-02	3.85E-04	3.67E+00	6.48E-02	9.32E-04	1.23E-02	3.67E-01	2.16E-02	0.00E+00	6.77E-01	1.57E-02	4.56E-01	1.90E-01	9.66E-02	2.37E-02
202	371056	3756809	Commercial	2.56E+01	2.61E+01	1.82E+00	1.43E-03	5.22E-01	5.28E-02	8.96E-02	3.82E-04	3.65E+00	6.45E-02	9.26E-04	1.22E-02	3.65E-01	2.15E-02	0.00E+00	6.75E-01	1.57E-02	4.54E-01	1.90E-01	9.63E-02	2.36E-02
203	371058	3756782	Commercial	2.61E+01	2.66E+01	1.85E+00	1.46E-03	5.32E-01	5.38E-02	9.14E-02	3.89E-04	3.72E+00	6.57E-02	9.43E-04	1.25E-02	3.72E-01	2.19E-02	0.00E+00	6.88E-01	1.60E-02	4.62E-01	1.93E-01	9.81E-02	2.40E-02
204	371034	3756805	Commercial	2.65E+01	2.70E+01	1.89E+00	1.48E-03	5.42E-01	5.48E-02	9.30E-02	3.98E-04	3.79E+00	6.70E-02	9.64E-04	1.27E-02	3.79E-01	2.23E-02	0.00E+00	7.00E-01	1.63E-02	4.71E-01	1.97E-01	9.99E-02	2.45E-02
205	371146	3756803	Commercial	2.26E+01	2.30E+01	1.61E+00	1.26E-03	4.61E-01	4.66E-02	7.92E-02	3.34E-04	3.23E+00	5.69E-02	8.08E-04	1.08E-02	3.23E-01	1.90E-02	0.00E+00	5.96E-01	1.38E-02	4.01E-01	1.68E-01	8.51E-02	2.08E-02
206	371259	3756800	Commercial	1.94E+01	1.98E+01	1.38E+00	1.09E-03	3.97E-01	4.01E-02	6.81E-02	2.83E-04	2.78E+00	4.89E-02	6.86E-04	9.29E-03	2.78E-01	1.63E-02	0.00E+00	5.13E-01	1.19E-02	3.44E-01	1.44E-01	7.32E-02	1.79E-02
207	371371	3756798	Commercial	1.69E+01	1.72E+01	1.20E+00	9.45E-04	3.45E-01	3.49E-02	5.92E-02	2.44E-04	2.41E+00	4.24E-02	5.90E-04	8.07E-03	2.41E-01	1.42E-02	0.00E+00	4.46E-01	1.03E-02	2.99E-01	1.25E-01	6.36E-02	1.56E-02
208	371484	3756795	Commercial	1.48E+01	1.51E+01	1.05E+00	8.28E-04	3.02E-01	3.06E-02	5.19E-02	2.11E-04	2.12E+00	3.71E-02	5.13E-04	7.07E-03	2.12E-01	1.25E-02	0.00E+00	3.91E-01	9.07E-03	2.62E-01	1.10E-01	5.58E-02	1.37E-02
209	371595	3756793	Commercial	1.31E+01	1.33E+01	9.31E-01	7.32E-04	2.67E-01	2.70E-02	4.58E-02	1.86E-04	1.87E+00	3.28E-02	4.50E-04	6.25E-03	1.87E-01	1.10E-02	0.00E+00	3.45E-01	8.02E-03	2.32E-01	9.71E-02	4.93E-02	1.21E-02
210	371706	3756791	Commercial	1.17E+01	1.19E+01	8.30E-01	6.52E-04	2.38E-01	2.41E-02	4.08E-02	1.64E-04	1.67E+00	2.92E-02	3.98E-04	5.57E-03	1.67E-01	9.81E-03	0.00E+00	3.08E-01	7.15E-03	2.06E-01	8.66E-02	4.39E-02	1.08E-02
211	371818	3756788	Commercial	1.04E+01	1.07E+01	7.44E-01	5.85E-04	2.14E-01	2.16E-02	3.66E-02	1.47E-04	1.49E+00	2.62E-02	3.55E-04	4.99E-03	1.50E-01	8.80E-03	0.00E+00	2.76E-01	6.41E-03	1.85E-01	7.76E-02	3.94E-02	9.65E-03
212	371932	3756786	Commercial	9.42E+00	9.60E+00	6.71E-01	5.27E-04	1.93E-01	1.95E-02	3.30E-02	1.32E-04	1.35E+00	2.36E-02	3.19E-04	4.50E-03	1.35E-01	7.93E-03	0.00E+00	2.49E-01	5.77E-03	1.67E-01	7.00E-02	3.55E-02	8.69E-03
213	372046	3756783	Commercial	8.52E+00	8.68E+00	6.07E-01	4.77E-04	1.74E-01	1.76E-02	2.98E-02	1.18E-04	1.22E+00	2.13E-02	2.86E-04	4.07E-03	1.22E-01	7.17E-03	0.00E+00	2.25E-01	5.22E-03	1.51E-01	6.33E-02	3.21E-02	7.86E-03
214	372161	3756780	Commercial	7.73E+00	7.88E+00	5.51E-01	4.33E-04	1.58E-01	1.60E-02	2.71E-02	1.07E-04	1.11E+00	1.93E-02	2.60E-04	3.69E-03	1.11E-01	6.51E-03	0.00E+00	2.04E-01	4.74E-03	1.37E-01	5.74E-02	2.91E-02	7.14E-03
215	372275	3756778	Commercial	7.05E+00	7.19E+00	5.02E-01	3.95E-04	1.44E-01	1.46E-02	2.47E-02	9.76E-05	1.01E+00	1.76E-02	2.37E-04	3.37E-03	1.01E-01	5.94E-03	0.00E+00	1.86E-01	4.33E-03	1.25E-01	5.24E-02	2.66E-02	6.51E-03
216	372385	3756776	Commercial	6.50E+00	6.63E+00	4.63E-01	3.64E-04	1.33E-01	1.34E-02	2.28E-02	8.91E-05	9.30E-01	1.62E-02	2.16E-04	3.10E-03	9.30E-02	5.48E-03	0.00E+00	1.72E-01	3.99E-03	1.15E-01	4.83E-02	2.45E-02	6.00E-03
217	372494	3756773	Commercial	6.00E+00	6.12E+00	4.27E-01	3.36E-04	1.23E-01	1.24E-02	2.10E-02	8.23E-05	8.58E-01	1.50E-02	1.99E-04	2.86E-03	8.58E-02	5.05E-03	0.00E+00	1.58E-01	3.68E-03	1.06E-01	4.46E-02	2.26E-02	5.54E-03
218	372604	3756771	Commercial	5.55E+00	5.66E+00	3.95E-01	3.11E-04	1.13E-01	1.15E-02	1.94E-02	7.62E-05	7.94E-01	1.39E-02	1.85E-04	2.65E-03	7.94E-02	4.67E-03	0.00E+00	1.47E-01	3.40E-03	9.81E-02	4.12E-02	2.09E-02	5.12E-03
219	372714	3756768	Commercial	5.16E+00	5.26E+00	3.68E-01	2.89E-04	1.06E-01	1.07E-02	1.81E-02	7.07E-05	7.38E-01	1.29E-02	1.71E-04	2.46E-03	7.38E-02	4.35E-03	0.00E+00	1.36E-01	3.17E-03	9.12E-02	3.83E-02	1.95E-02	4.77E-03
220	372738	3756742	Commercial	4.96E+00	5.05E+00	3.53E-01	2.78E-04	1.01E-01	1.02E-02	1.74E-02	6.76E-05	7.09E-01	1.24E-02	1.64E-04	2.37E-03	7.09E-02	4.18E-03	0.00E+00	1.31E-01	3.04E-03	8.76E-02	3.68E-02	1.87E-02	4.58E-03
221	372733	3756647	Commercial	4.47E+00	4.56E+00	3.18E-01	2.51E-04	9.14E-02	9.23E-03	1.56E-02	6.04E-05	6.39E-01	1.11E-02	1.46E-04	2.13E-03	6.39E-02	3.76E-03	0.00E+00	1.18E-01	2.74E-03	7.89E-02	3.32E-02	1.68E-02	4.13E-03
222	372820	3756574	Commercial	3.81E+00	3.88E+00	2.71E-01	2.14E-04	7.79E-02	7.87E-03	1.33E-02	5.15E-05	5.45E-01	9.49E-03	1.25E-04	1.82E-03	5.45E-02	3.21E-03	0.00E+00	1.01E-01	2.34E-03	6.73E-02	2.83E-02	1.44E-02	3.51E-03
223	372844	3756548	Commercial	3.59E+00	3.66E+00	2.56E-01	2.02E-04	7.35E-02	7.42E-03	1.26E-02	4.83E-05	5.14E-01	8.95E-03	1.17E-04	1.71E-03	5.14E-02	3.03E-03	0.00E+00	9.49E-02	2.20E-03	6.34E-02	2.67E-02	1.35E-02	3.32E-03
224	372839	3756454	Commercial	3.02E+00	3.08E+00	2.15E-01	1.69E-04	6.18E-02	6.24E-03	1.06E-02	4.05E-05	4.32E-01	7.52E-03	9.81E-05	1.44E-03	4.32E-02	2.54E-03	0.00E+00	7.98E-02	1.85E-03	5.33E-02	2.24E-02	1.14E-02	2.79E-03
225	372821	3756363	Commercial	2.54E+00	2.59E+00	1.81E-01	1.43E-04	5.19E-02	5.25E-03	8.88E-03	3.35E-05	3.63E-01	6.31E-03	8.11E-05	1.21E-03	3.63E-02	2.14E-03	0.00E+00	6.71E-02	1.56E-03	4.48E-02	1.89E-02	9.57E-03	2.34E-03
226	372796	3756343	Commercial	2.41E+00	2.46E+00	1.72E-01	1.35E-04	4.93E-02	4.98E-03	8.43E-03	3.18E-05	3.45E-01	5.99E-03	7.72E-05	1.15E-03	3.45E-02	2.03E-03	0.00E+00	6.37E-02	1.48E-03	4.25E-02	1.79E-02	9.09E-03	2.23E-03
227	372731	3756328	Commercial	2.42E+00	2.46E+00	1.72E-01	1.36E-04	4.95E-02	5.00E-03	8.46E-03	3.19E-05	3.46E-01	6.01E-03	7.72E-05	1.15E-03	3.46E-02	2.04E-03	0.00E+00	6.39E-02	1.48E-03	4.27E-02	1.80E-02	9.12E-03	2.23E-03
228	372707	3756352	Commercial	2.59E+00	2.64E+00	1.84E-01	1.45E-04	5.29E-02	5.35E-03	9.05E-03	3.41E-05	3.70E-01	6.43E-03	8.27E-05	1.23E-03	3.70E-02	2.18E-03	0.00E+00	6.83E-02	1.59E-03	4.56E-02	1.92E-02	9.75E-03	2.39E-03
229	372928	3756344	Commercial	2.28E+00	2.32E+00	1.62E-01	1.28E-04	4.66E-02	4.71E-03	7.97E-03	3.01E-05	3.26E-01	5.67E-03	7.30E-05	1.09E-03	3.26E-02	1.92E-03	0.00E+00	6.02E-02	1.40E-03	4.02E-02	1.69E-02	8.59E-03	2.10E-03
230	372952	3756319	Commercial	2.14E+00	2.19E+00	1.53E-01	1.20E-04	4.39E-02	4.43E-03	7.50E-03	2.82E-05	3.07E-01	5.33E-03	6.83E-05	1.02E-03	3.07E-02	1.81E-03	0.00E+00	5.67E-02	1.32E-03	3.78E-02	1.59E-02	8.09E-03	1.98E-03
231	372951	3756245	Commercial	1.79E+00	1.82E+00	1.27E-01	1.00E-04	3.66E-02	3.70E-03	6.26E-03	2.32E-05	2.56E-01	4.44E-03	5.63E-05	8.53E-04	2.56E-02	1.51E-03	0.00E+00	4.73E-02	1.10E-03	3.15E-02	1.33E-02	6.75E-03	1.65E-03
232	372927	3756270	Commercial	1.91E+00	1.95E+00	1.36E-01	1.07E-04	3.92E-02	3.96E-03	6.70E-03	2.51E-05	2.74E-01	4.76E-03	6.08E-05	9.13E-04	2.74E-02	1.61E-03	0.00E+00	5.06E-02	1.17E-03	3.38E-02	1.42E-02	7.22E-03	1.77E-03
233	373033	3756268	Commercial	1.82E+00	1.86E+00	1.30E-01	1.02E-04	3.73E-02	3.77E-03	6.37E-03	2.39E-05	2.61E-01	4.53E-03	5.80E-05	8.69E-04	2.61E-02	1.53E-03	0.00E+00	4.82E-02	1.12E-03	3.22E-02	1.35E-02	6.87E-03	1.68E-03
234	373139	3756266	Commercial	1.74E+00	1.77E+00	1.24E-01	9.76E-05	3.56E-02	3.59E-03	6.08E-03	2.29E-05	2.49E-01	4.32E-03	5.55E-05	8.29E-04	2.49E-02	1.46E-03	0.00E+00	4.59E-02	1.07E-03	3.07E-02	1.29E-02	6.56E-03	1.60E-03
235	373245	3756264	Commercial	1.66E+00	1.69E+00	1.18E-01	9.32E-05	3.39E-02	3.43E-03	5.81E-03	2.19E-05	2.37E-01	4.13E-03	5.30E-05	7.92E-04	2.37E-02	1.40E-03	0.00E+00	4.39E-02	1.02E-03	2.93E-02	1.23E-02	6.26E-03	1.53E-03
236	373351	3756262	Commercial	1.59E+00	1.62E+00	1.13E-01	8.90E-05	3.24E-02	3.28E-03	5.55E-03	2.09E-05	2.27E-01	3.94E-03	5.08E-05	7.57E-04	2.27E-02	1.34E-03	0.00E+00	4.19E-02	9.73E-04	2.80E-02	1.18E-02	5.98E-03	1.46E-03
237	373457	3756261	Commercial	1.52E+00	1.55E+00	1.08E-01	8.52E-05	3.11E-02	3.14E-03	5.31E-03	2.01E-05	2.17E-01	3.78E-03	4.87E-05	7.24E-04	2.17E-02	1.28E-03	0.00E+00	4.01E-02	9.32E-04	2.68E-02	1.13E-02	5.73E-03	1.40E-03
238	373482	3756235	Commercial	1.44E+00	1.47E+00	1.03E-01	8.10E-05	2.95E-02	2.98E-03	5.05E-03	1.87E-05	2.07E-01	3.58E-03	4.54E-05	6.88E-04	2.07E-02	1.22E-03	0.00E+00	3.81E-02	8.86E-04	2.55E-02	1.07E-02	5.44E-03	1.33E-03
239	373480	3756123	Commercial	1.08E+00	1.10E+00	7.71E-02	6.07E-05	2.21E-02	2.24E-03	3.78E-03	1.41E-05	1.55E-01	2.69E-03	3.41E-05	5.16E-04	1.55E-02	9.11E-04	0.00E+00	2.86E-02	6.64E-04	1.91E-02	8.04E-03	4.08E-03	9.99E-04
240	373479	3756010	Commercial	9.95E-01	1.01E+00	7.08E-02	5.58E-05	2.03E-02	2.05E-03	3.49E-03	1.42E-05	1.42E-01	2.50E-03	3.45E-05	4.76E-04	1.42E-02	8.37E-04	0.00E+00	2.63E-02	6.10E-04	1.76E-02	7.39E-03	3.75E-03	9.18E-04
241	373477	3755897	Commercial	1.15E+00	1.17E+00	8.19E-02	6.45E-05	2.35E-02	2.38E-03	4.03E-03	1.64E-05	1.64E-01	2.89E-03	3.97E-05	5.50E-04	1.64E-02	9.68E-04	0.00E+00	3.04E-02	7.05E-04	2.04E-02	8.55E-03	4.33E-03	1.06E-03
242	373476	3755785	Commercial	1.30E+00	1.32E+00	9.24E-02	7.27E-05	2.65E-02	2.68E-03	4.55E-03	1.84E-05	1.86E-01	3.25E-03	4.46E-05	6.20E-04	1.86E-02	1.09E-03	0.00E+00	3.43E-02	7.96E-04	2.30E-02	9.64E-03	4.89E-03	1.20E-03
243	373474	3755672	Commercial	1.43E+00	1.46E+00	1.02E-01	8.01E-05	2.92E-02	2.96E-03	5.01E-03	2.01E-05	2.05E-01	3.58E-03	4.87E-05	6.83E-04	2.05E-02	1.20E-03	0.00E+00	3.78E-02	8.77E-04	2.53E-02	1.06E-02	5.39E-03	1.32E-03
244	373473	3755559	Commercial	1.54E+00	1.57E+00	1.10E-01	8.64E-05	3.16E-02	3.19E-03	5.41E-03	2.16E-05	2.21E-01	3.86E-03	5.24E-05	7.37E-04	2.21E-02	1.30E-03	0.00E+00	4.08E-02	9.47E-04	2.73E-02	1.15E-02	5.82E-03	1.43E-03
245	373447	3755535	Commercial	1.59E+00	1.62E+00	1.13E-01	8.91E-05	3.25E-02	3.29E-03	5.57E-03	2.22E-05	2.28E-01	3.98E-03	5.37E-05	7.60E-04	2.28E-02	1.34E-03	0.00E+00	4.20E-02	9.76E-04	2.82E-02	1.18E-02	6.00E-03	1.47E-03
246	373334	3755539	Commercial	1.71E+00	1.74E+00	1.22E-01	9.55E-05	3.49E-02	3.53E-03	5.98E-03	2.38E-05	2.44E-01	4.27E-03	5.77E-05	8.15E-04	2.44E-02	1.44E-03	0.00E+00	4.51E-02	1.05E-03	3.02E-02	1.27E-02	6.43E-03	1.58E-03
247	373221	3755544	Commercial	1.83E+00	1.86E+00	1.30E-01	1.02E-04	3.74E-02	3.78E-03	6.41E-03	2.54E-05	2.62E-01	4.57E-03	6.16E-05	8.73E-04	2.62E-02	1.54E-03	0.00E+00	4.83E-02	1.12E-03	3.24E-02	1.36E-02	6.89E-03	1.69E-03
248	373197	3755568	Commercial	1.83E+00	1.87E+00	1.31E-01	1.03E-04	3.75E-02	3.79E-03	6.43E-03	2.56E-05	2.62E-01	4.59E-03	6.20E-05	8.76E-04	2.63E-02	1.55E-03	0.00E+00	4.85E-02	1.13E-03	3.25E-02	1.36E-02	6.92E-03	1.69E-03
249	373196	3755636	Commercial	1.78E+00	1.81E+00	1.26E-01	9.94E-05	3.63E-02	3.67E-03	6.22E-03	2.49E-05	2.54E-01	4.44E-03	6.03E-05	8.48E-04	2.54E-02	1.50E-03	0.00E+00	4.69E-02	1.09E-03	3.14E-02	1.32E-02	6.69E-03	1.64E-03
250	373194	3755705	Commercial	1.70E+00	1.74E+00	1.21E-01	9.54E-05	3.48E-02	3.52E-03	5.97E-03	2.39E-05	2.44E-01	4.27E-03	5.79E-05	8.14E-04	2.44E-02	1.43E-03	0.00E+00	4.50E-02	1.04E-03	3.01E-02	1.27E-02	6.42E-03	1.57E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
251	373220	3755680	Commercial	1.70E+00	1.74E+00	1.21E-01	9.53E-05	3.48E-02	3.52E-03	5.96E-03	2.39E-05	2.43E-01	4.26E-03	5.79E-05	8.13E-04	2.44E-02	1.43E-03	0.00E+00	4.50E-02	1.04E-03	3.01E-02	1.26E-02	6.42E-03	1.57E-03
252	373135	3755679	Commercial	1.81E+00	1.84E+00	1.29E-01	1.01E-04	3.69E-02	3.73E-03	6.33E-03	2.54E-05	2.58E-01	4.52E-03	6.16E-05	8.63E-04	2.58E-02	1.52E-03	0.00E+00	4.77E-02	1.11E-03	3.20E-02	1.34E-02	6.81E-03	1.67E-03
253	373160	3755704	Commercial	1.75E+00	1.78E+00	1.25E-01	9.79E-05	3.58E-02	3.61E-03	6.13E-03	2.46E-05	2.50E-01	4.38E-03	5.95E-05	8.36E-04	2.50E-02	1.47E-03	0.00E+00	4.62E-02	1.07E-03	3.10E-02	1.30E-02	6.59E-03	1.62E-03
254	373158	3755635	Commercial	1.83E+00	1.86E+00	1.30E-01	1.02E-04	3.73E-02	3.77E-03	6.39E-03	2.55E-05	2.61E-01	4.57E-03	6.19E-05	8.72E-04	2.61E-02	1.54E-03	0.00E+00	4.82E-02	1.12E-03	3.23E-02	1.36E-02	6.88E-03	1.69E-03
255	373156	3755566	Commercial	1.89E+00	1.93E+00	1.35E-01	1.06E-04	3.86E-02	3.90E-03	6.62E-03	2.63E-05	2.70E-01	4.73E-03	6.37E-05	9.02E-04	2.70E-02	1.59E-03	0.00E+00	4.99E-02	1.16E-03	3.34E-02	1.40E-02	7.12E-03	1.74E-03
256	373132	3755542	Commercial	1.94E+00	1.98E+00	1.38E-01	1.08E-04	3.96E-02	4.01E-03	6.79E-03	2.70E-05	2.77E-01	4.85E-03	6.54E-05	9.26E-04	2.77E-02	1.63E-03	0.00E+00	5.12E-02	1.19E-03	3.43E-02	1.44E-02	7.31E-03	1.79E-03
257	373055	3755538	Commercial	2.03E+00	2.07E+00	1.45E-01	1.14E-04	4.16E-02	4.20E-03	7.12E-03	2.83E-05	2.91E-01	5.09E-03	6.85E-05	9.71E-04	2.91E-02	1.71E-03	0.00E+00	5.37E-02	1.25E-03	3.60E-02	1.51E-02	7.67E-03	1.88E-03
258	373079	3755562	Commercial	1.99E+00	2.03E+00	1.42E-01	1.11E-04	4.07E-02	4.11E-03	6.97E-03	2.77E-05	2.85E-01	4.98E-03	6.71E-05	9.50E-04	2.85E-02	1.68E-03	0.00E+00	5.26E-02	1.22E-03	3.52E-02	1.48E-02	7.50E-03	1.84E-03
259	373077	3755465	Commercial	2.04E+00	2.08E+00	1.46E-01	1.14E-04	4.18E-02	4.22E-03	7.15E-03	2.82E-05	2.92E-01	5.10E-03	6.83E-05	9.75E-04	2.92E-02	1.72E-03	0.00E+00	5.40E-02	1.25E-03	3.61E-02	1.52E-02	7.70E-03	1.89E-03
260	373075	3755368	Commercial	2.07E+00	2.11E+00	1.47E-01	1.16E-04	4.23E-02	4.27E-03	7.24E-03	2.83E-05	2.96E-01	5.16E-03	6.87E-05	9.87E-04	2.96E-02	1.74E-03	0.00E+00	5.46E-02	1.27E-03	3.66E-02	1.54E-02	7.80E-03	1.91E-03
261	373073	3755271	Commercial	2.06E+00	2.10E+00	1.47E-01	1.15E-04	4.22E-02	4.26E-03	7.21E-03	2.80E-05	2.95E-01	5.14E-03	6.78E-05	9.83E-04	2.95E-02	1.74E-03	0.00E+00	5.45E-02	1.26E-03	3.64E-02	1.53E-02	7.77E-03	1.90E-03
262	373071	3755174	Commercial	2.02E+00	2.06E+00	1.44E-01	1.13E-04	4.14E-02	4.18E-03	7.08E-03	2.73E-05	2.90E-01	5.04E-03	6.62E-05	9.66E-04	2.90E-02	1.70E-03	0.00E+00	5.35E-02	1.24E-03	3.58E-02	1.50E-02	7.63E-03	1.87E-03
263	373046	3755149	Commercial	2.03E+00	2.07E+00	1.44E-01	1.14E-04	4.15E-02	4.19E-03	7.09E-03	2.73E-05	2.90E-01	5.05E-03	6.61E-05	9.67E-04	2.90E-02	1.71E-03	0.00E+00	5.36E-02	1.24E-03	3.58E-02	1.51E-02	7.64E-03	1.87E-03
264	372939	3755150	Commercial	2.09E+00	2.14E+00	1.49E-01	1.17E-04	4.29E-02	4.33E-03	7.33E-03	2.80E-05	3.00E-01	5.22E-03	6.80E-05	9.99E-04	3.00E-02	1.76E-03	0.00E+00	5.54E-02	1.29E-03	3.70E-02	1.56E-02	7.90E-03	1.93E-03
265	372832	3755151	Commercial	2.16E+00	2.20E+00	1.54E-01	1.21E-04	4.41E-02	4.46E-03	7.55E-03	2.88E-05	3.09E-01	5.37E-03	6.98E-05	1.03E-03	3.09E-02	1.82E-03	0.00E+00	5.70E-02	1.32E-03	3.81E-02	1.60E-02	8.14E-03	1.99E-03
266	372725	3755152	Commercial	2.21E+00	2.26E+00	1.58E-01	1.24E-04	4.53E-02	4.57E-03	7.74E-03	2.94E-05	3.17E-01	5.51E-03	7.13E-05	1.06E-03	3.17E-02	1.86E-03	0.00E+00	5.85E-02	1.36E-03	3.91E-02	1.64E-02	8.34E-03	2.04E-03
267	372623	3755157	Commercial	2.26E+00	2.31E+00	1.61E-01	1.27E-04	4.63E-02	4.68E-03	7.92E-03	2.99E-05	3.24E-01	5.62E-03	7.24E-05	1.08E-03	3.24E-02	1.91E-03	0.00E+00	5.98E-02	1.39E-03	3.99E-02	1.68E-02	8.53E-03	2.09E-03
268	372527	3755158	Commercial	2.29E+00	2.34E+00	1.63E-01	1.29E-04	4.69E-02	4.74E-03	8.02E-03	3.01E-05	3.28E-01	5.70E-03	7.31E-05	1.09E-03	3.28E-02	1.93E-03	0.00E+00	6.06E-02	1.41E-03	4.05E-02	1.70E-02	8.65E-03	2.12E-03
269	372431	3755159	Commercial	2.31E+00	2.36E+00	1.65E-01	1.30E-04	4.73E-02	4.78E-03	8.09E-03	3.02E-05	3.31E-01	5.74E-03	7.32E-05	1.10E-03	3.31E-02	1.95E-03	0.00E+00	6.11E-02	1.42E-03	4.08E-02	1.72E-02	8.72E-03	2.13E-03
270	372334	3755160	Commercial	2.31E+00	2.36E+00	1.65E-01	1.30E-04	4.73E-02	4.78E-03	8.09E-03	3.00E-05	3.31E-01	5.74E-03	7.26E-05	1.10E-03	3.31E-02	1.95E-03	0.00E+00	6.12E-02	1.42E-03	4.08E-02	1.72E-02	8.73E-03	2.14E-03
271	372237	3755161	Commercial	2.30E+00	2.35E+00	1.64E-01	1.29E-04	4.71E-02	4.76E-03	8.06E-03	2.96E-05	3.30E-01	5.71E-03	7.17E-05	1.10E-03	3.30E-02	1.94E-03	0.00E+00	6.09E-02	1.41E-03	4.06E-02	1.71E-02	8.69E-03	2.13E-03
272	372139	3755161	Commercial	2.27E+00	2.32E+00	1.62E-01	1.28E-04	4.65E-02	4.70E-03	7.94E-03	2.89E-05	3.25E-01	5.63E-03	7.00E-05	1.08E-03	3.25E-02	1.91E-03	0.00E+00	6.01E-02	1.39E-03	4.00E-02	1.69E-02	8.57E-03	2.10E-03
273	372040	3755162	Commercial	2.22E+00	2.26E+00	1.58E-01	1.25E-04	4.54E-02	4.59E-03	7.75E-03	2.78E-05	3.17E-01	5.48E-03	6.75E-05	1.06E-03	3.17E-02	1.87E-03	0.00E+00	5.86E-02	1.36E-03	3.90E-02	1.65E-02	8.37E-03	2.05E-03
274	371941	3755163	Commercial	2.14E+00	2.18E+00	1.52E-01	1.20E-04	4.37E-02	4.42E-03	7.47E-03	2.65E-05	3.06E-01	5.28E-03	6.41E-05	1.02E-03	3.06E-02	1.80E-03	0.00E+00	5.65E-02	1.31E-03	3.76E-02	1.59E-02	8.07E-03	1.97E-03
275	371843	3755164	Commercial	2.03E+00	2.07E+00	1.45E-01	1.14E-04	4.16E-02	4.20E-03	7.10E-03	2.47E-05	2.91E-01	5.01E-03	6.00E-05	9.67E-04	2.91E-02	1.71E-03	0.00E+00	5.37E-02	1.25E-03	3.57E-02	1.51E-02	7.67E-03	1.88E-03
276	371748	3755165	Commercial	1.91E+00	1.95E+00	1.36E-01	1.07E-04	3.90E-02	3.94E-03	6.69E-03	2.84E-05	2.73E-01	4.82E-03	6.89E-05	9.14E-04	2.73E-02	1.61E-03	0.00E+00	5.04E-02	1.17E-03	3.39E-02	1.42E-02	7.19E-03	1.76E-03
277	371653	3755165	Commercial	2.20E+00	2.25E+00	1.57E-01	1.23E-04	4.50E-02	4.55E-03	7.74E-03	3.33E-05	3.15E-01	5.57E-03	8.06E-05	1.06E-03	3.15E-02	1.86E-03	0.00E+00	5.82E-02	1.35E-03	3.92E-02	1.64E-02	8.30E-03	2.03E-03
278	371558	3755166	Commercial	2.57E+00	2.62E+00	1.83E-01	1.44E-04	5.25E-02	5.31E-03	9.02E-03	3.83E-05	3.67E-01	6.48E-03	9.28E-05	1.23E-03	3.68E-02	2.16E-03	0.00E+00	6.79E-02	1.58E-03	4.56E-02	1.91E-02	9.68E-03	2.37E-03
279	371463	3755167	Commercial	2.95E+00	3.01E+00	2.10E-01	1.65E-04	6.03E-02	6.09E-03	1.03E-02	4.35E-05	4.22E-01	7.43E-03	1.05E-04	1.41E-03	4.22E-02	2.48E-03	0.00E+00	7.79E-02	1.81E-03	5.23E-02	2.19E-02	1.11E-02	2.72E-03
280	371359	3755168	Commercial	3.38E+00	3.44E+00	2.40E-01	1.89E-04	6.90E-02	6.97E-03	1.18E-02	4.89E-05	4.83E-01	8.48E-03	1.19E-04	1.61E-03	4.83E-02	2.84E-03	0.00E+00	8.91E-02	2.07E-03	5.98E-02	2.51E-02	1.27E-02	3.12E-03
281	371256	3755169	Commercial	3.77E+00	3.84E+00	2.68E-01	2.11E-04	7.70E-02	7.78E-03	1.32E-02	5.36E-05	5.39E-01	9.45E-03	1.30E-04	1.80E-03	5.39E-02	3.17E-03	0.00E+00	9.95E-02	2.31E-03	6.67E-02	2.80E-02	1.42E-02	3.48E-03
282	371152	3755170	Commercial	4.11E+00	4.19E+00	2.93E-01	2.30E-04	8.40E-02	8.49E-03	1.44E-02	5.72E-05	5.88E-01	1.03E-02	1.39E-04	1.96E-03	5.88E-02	3.46E-03	0.00E+00	1.09E-01	2.52E-03	7.27E-02	3.05E-02	1.55E-02	3.79E-03
283	371049	3755171	Commercial	4.35E+00	4.44E+00	3.10E-01	2.44E-04	8.90E-02	8.99E-03	1.52E-02	5.92E-05	6.23E-01	1.09E-02	1.43E-04	2.08E-03	6.23E-02	3.67E-03	0.00E+00	1.15E-01	2.67E-03	7.69E-02	3.23E-02	1.64E-02	4.02E-03
284	371024	3755197	Commercial	4.48E+00	4.57E+00	3.19E-01	2.51E-04	9.16E-02	9.26E-03	1.57E-02	6.08E-05	6.41E-01	1.12E-02	1.47E-04	2.14E-03	6.41E-02	3.77E-03	0.00E+00	1.18E-01	2.75E-03	7.92E-02	3.33E-02	1.69E-02	4.14E-03
285	371028	3755273	Commercial	4.72E+00	4.82E+00	3.37E-01	2.65E-04	9.66E-02	9.76E-03	1.65E-02	6.51E-05	6.76E-01	1.18E-02	1.58E-04	2.26E-03	6.76E-02	3.98E-03	0.00E+00	1.25E-01	2.90E-03	8.36E-02	3.51E-02	1.78E-02	4.36E-03
286	371031	3755350	Commercial	4.95E+00	5.05E+00	3.53E-01	2.77E-04	1.01E-01	1.02E-02	1.74E-02	6.94E-05	7.08E-01	1.24E-02	1.68E-04	2.37E-03	7.09E-02	4.17E-03	0.00E+00	1.31E-01	3.04E-03	8.77E-02	3.68E-02	1.87E-02	4.57E-03
287	371020	3755376	Commercial	5.07E+00	5.17E+00	3.61E-01	2.84E-04	1.04E-01	1.05E-02	1.78E-02	7.12E-05	7.26E-01	1.27E-02	1.73E-04	2.42E-03	7.26E-02	4.27E-03	0.00E+00	1.34E-01	3.11E-03	8.98E-02	3.77E-02	1.91E-02	4.68E-03
288	371018	3755470	Commercial	5.36E+00	5.46E+00	3.81E-01	3.00E-04	1.09E-01	1.11E-02	1.88E-02	7.68E-05	7.66E-01	1.34E-02	1.86E-04	2.56E-03	7.66E-02	4.51E-03	0.00E+00	1.41E-01	3.28E-03	9.49E-02	3.98E-02	2.02E-02	4.94E-03
289	371017	3755556	Commercial	5.57E+00	5.68E+00	3.96E-01	3.12E-04	1.14E-01	1.15E-02	1.95E-02	8.16E-05	7.96E-01	1.40E-02	1.98E-04	2.66E-03	7.96E-02	4.69E-03	0.00E+00	1.47E-01	3.41E-03	9.87E-02	4.13E-02	2.10E-02	5.14E-03
290	371040	3755532	Commercial	5.36E+00	5.46E+00	3.81E-01	3.00E-04	1.10E-01	1.11E-02	1.88E-02	7.85E-05	7.66E-01	1.35E-02	1.90E-04	2.56E-03	7.66E-02	4.51E-03	0.00E+00	1.41E-01	3.28E-03	9.50E-02	3.98E-02	2.02E-02	4.95E-03
291	371026	3755420	Commercial	5.18E+00	5.28E+00	3.69E-01	2.90E-04	1.06E-01	1.07E-02	1.82E-02	7.36E-05	7.41E-01	1.30E-02	1.78E-04	2.48E-03	7.41E-02	4.36E-03	0.00E+00	1.37E-01	3.18E-03	9.18E-02	3.85E-02	1.95E-02	4.78E-03
292	371016	3755399	Commercial	5.16E+00	5.26E+00	3.68E-01	2.89E-04	1.06E-01	1.07E-02	1.81E-02	7.28E-05	7.38E-01	1.29E-02	1.76E-04	2.47E-03	7.39E-02	4.35E-03	0.00E+00	1.36E-01	3.17E-03	9.14E-02	3.84E-02	1.95E-02	4.77E-03
293	370916	3755327	Commercial	5.18E+00	5.28E+00	3.69E-01	2.90E-04	1.06E-01	1.07E-02	1.81E-02	6.98E-05	7.41E-01	1.29E-02	1.69E-04	2.47E-03	7.41E-02	4.36E-03	0.00E+00	1.37E-01	3.18E-03	9.15E-02	3.85E-02	1.95E-02	4.78E-03
294	370816	3755255	Commercial	4.81E+00	4.91E+00	3.43E-01	2.70E-04	9.86E-02	9.96E-03	1.68E-02	6.17E-05	6.89E-01	1.19E-02	1.49E-04	2.30E-03	6.89E-02	4.06E-03	0.00E+00	1.27E-01	2.96E-03	8.49E-02	3.58E-02	1.82E-02	4.45E-03
385	370885	3757751	Commercial	8.09E+00	8.25E+00	5.77E-01	4.55E-04	1.66E-01	1.67E-02	2.83E-02	9.70E-05	1.16E+00	1.99E-02	2.35E-04	3.85E-03	1.16E-01	6.82E-03	0.00E+00	2.14E-01	4.97E-03	1.42E-01	6.02E-02	3.05E-02	7.48E-03
386	370907	3757702	Commercial	9.34E+00	9.53E+00	6.66E-01	5.25E-04	1.91E-01	1.93E-02	3.27E-02	1.16E-04	1.34E+00	2.31E-02	2.81E-04	4.45E-03	1.34E-01	7.88E-03	0.00E+00	2.47E-01	5.74E-03	1.65E-01	6.95E-02	3.53E-02	8.63E-03
387	370945	3757670	Commercial	1.04E+01	1.06E+01	7.41E-01	5.83E-04	2.13E-01	2.15E-02	3.63E-02	1.33E-04	1.49E+00	2.58E-02	3.23E-04	4.95E-03	1.49E-01	8.76E-03	0.00E+00	2.75E-01	6.38E-03	1.83E-01	7.73E-02	3.92E-02	9.60E-03
388	371046	3757668	Commercial	1.11E+01	1.13E+01	7.89E-01	6.22E-04	2.27E-01	2.29E-02	3.88E-02	1.48E-04	1.58E+00	2.76E-02	3.59E-04	5.29E-03	1.59E-01	9.33E-03	0.00E+00	2.93E-01	6.80E-03	1.96E-01	8.24E-02	4.18E-02	1.02E-02
389	371046	3757585	Commercial	1.25E+01	1.28E+01	8.94E-01	7.04E-04	2.57E-01	2.59E-02	4.39E-02	1.73E-04	1.79E+00	3.13E-02	4.18E-04	5.99E-03	1.80E-01	1.06E-02	0.00E+00	3.31E-01	7.70E-03	2.22E-01	9.32E-02	4.73E-02	1.16E-02
390	371122	3757584	Commercial	1.24E+01	1.26E+01	8.83E-01	6.95E-04	2.54E-01	2.56E-02	4.34E-02	1.74E-04	1.77E+00	3.11E-02	4.22E-04	5.92E-03	1.77E-01	1.04E-02	0.00E+00	3.28E-01	7.60E-03	2.19E-01	9.21E-02	4.67E-02	1.14E-02
399	371970	3757842	Commercial	6.76E+00	6.90E+00	4.82E-01	3.79E-04	1.38E-01	1.40E-02	2.37E-02	9.48E-05	9.67E-01	1.69E-02	2.30E-04	3.23E-03	9.68E-02	5.70E-03	0.00E+00	1.79E-01	4.15E-03	1.20E-01	5.02E-02	2.55E-02	6.24E-03
400	372023	3757843	Commercial	6.50E+00	6.63E+00	4.63E-01	3.64E-04	1.33E-01	1.34E-02	2.28E-02	9.15E-05	9.30E-01	1.63E-02	2.22E-04	3.11E-03	9.31E-02	5.48E-03	0.00E+00	1.72E-01	3.99E-03	1.15E-01	4.83E-02	2.45E-02	6.01E-03
401	372020	3757552	Commercial	6.14E+00	6.26E+00	4.37E-01	3.44E-04	1.26E-01	1.27E-02	2.15E-02	8.51E-05	8.78E-01	1.54E-02	2.06E-04	2.93E-03	8.79E-02	5.17E-03	0.00E+00	1.62E-01	3.77E-03	1.09E-01	4.56E-02	2.31E-02	5.67E-03
402	372002	3757140	Commercial	7.98E+00	8.14E+00	5.68E-01	4.47E-04	1.63E-01	1.65E-02	2.80E-02	1.11E-04	1.14E+00	2.00E-02	2.69E-04	3.81E-03	1.14E-01	6.72E-03	0.00E+00	2.11E-01	4.90E-03	1.41E-01	5.93E-02	3.01E-02	7.37E-03
403	371514	3757136	Commercial	1.03E+01	1.05E+01	7.33E-01	5.76E-04	2.10E-01	2.13E-02	3.61E-02	1.48E-04	1.47E+00	2.58E-02	3.58E-04	4.92E-03	1.47E-01	8.67E-03	0.00E+00	2.72E-01	6.31E-03	1.82E-01	7.65E-02	3.88E-02	9.50E-03
404	371035	3757133	Commercial	1.97E+01	2.00E+01	1.40E+00	1.10E-03	4.02E-01	4.06E-02	6.90E-02	2.99E-04	2.81E+00	4.97E-02	7.25E-04	9.41E-03	2.81E-01	1.65E-02	0.00E+00	5.19E-01	1.20E-02	3.49E-01	1.46E-01	7.40E-02	1.81E-02
405	371034	3757085	Commercial	1.96E+01	2.00E+01	1.39E+00	1.09E-03	4.00E-01	4.04E-02	6.87E-02	3.01E-04	2.80E+00	4.96E-02	7.29E-04	9.37E-03	2.80E-01	1.65E-02	0.00E+00	5.16E-01	1.20E-02	3.48E-01	1.45E-01	7.37E-02	1.81E-02
406	370764	3757087	Commercial	2.93E+01	2.98E+01	2.08E+00	1.64E-03	5.98E-01	6.04E-02	1.03E-01	4.52E-04	4.18E+00	7.42E-02	1.10E-03	1.40E-02	4.18E-01	2.46E-02	0.00E+00	7.72E-01	1.79E-02	5.20E-01	2.17E-01	1.10E-01	2.70E-02
407	370754	3756818	Commercial	3.94E+01	4.01E+01	2.80E+00	2.19E-03	8.04E-01	8.12E-02	1.38E-01	6.24E-04	5.62E+00	1.00E-01	1.51E-03	1.89E-02	5.63E-01	3.31E-02	0.00E+00	1.04E+00	2.41E-02	7.01E-01	2.92E-01	1.48E-01	3.63E-02
408	371031	3756807	Commercial	2.65E+01	2.71E+01	1.89E+00	1.48E-03	5.42E-01	5.48E-02	9.31E-02	3.98E-04	3.79E+00	6.70E-02	9.65E-04	1.27E-02	3.80E-01	2.23E-02	0.00E+00	7.01E-01	1.63E-02	4.71E-01	1.97E-01	1.00E-01	2.45E-02
409	371033	3756780	Commercial	2.71E+01	2.77E+01	1.93E+00	1.52E-03	5.54E-01	5.60E-02	9.52E-02	4.07E-04	3.88E+00	6.85E-02	9.85E-04	1.30E-02	3.88E-01	2.28E-02	0.00E+00	7.16E-01	1.66E-02	4.82E-01	2.01E-01	1.02E-01	2.50E-02
410	371483	3756770	Commercial	1.47E+01	1.50E+01	1.05E+00	8.22E-04	3.00E-01	3.03E-02	5.15E-02	2.10E-04	2.10E+00	3.68E-02	5.08E-04	7.02E-03	2.10E-01	1.24E-02	0.00E+00	3.88E-01	9.00E-03	2.60E-01	1.09E-01	5.53E-02	1.36E-02
411	371817	3756763	Commercial	1.03E+01	1.05E+01	7.34E-01	5.77E-04	2.11E-01	2.13E-02	3.61E-02	1.44E-04	1.47E+00	2.58E-02	3.49E-04	4.92E-03	1.48E-01	8.68E-03	0.00E+00	2.72E-01	6.32E-03	1.82E-01	7.66E-02	3.89E-02	9.52E-03
412	372274	3756753	Commercial	6.92E+00	7.05E+00	4.93E-01	3.87E-04	1.41E-01	1.43E-02	2.42E-02	9.52E-05	9.89E-01	1.73E-02	2.31E-04	3.30E-03	9.90E-02	5.83E-03	0.00E+00	1.83E-01	4.24E-03	1.22E-01	5.14E-02	2.61E-02	6.39E-03
413	372713	3756743	Commercial	5.05E+00	5.15E+00	3.60E-01	2.83E-04	1.03E-01	1.04E-02	1.77E-02	6.87E-05	7.22E-01	1.26E-02	1.67E-04	2.41E-03	7.22E-02	4.25E-03	0.00E+00	1.33E-01	3.10E-03	8.92E-02	3.75E-02	1.90E-02	4.66E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
414	372703	3756553	Commercial	3.91E+00	3.99E+00	2.79E-01	2.19E-04	8.00E-02	8.08E-03	1.37E-02	5.29E-05	5.59E-01	9.75E-03	1.28E-04	1.87E-03	5.59E-02	3.29E-03	0.00E+00	1.03E-01	2.40E-03	6.91E-02	2.91E-02	1.47E-02	3.61E-03
415	372819	3756549	Commercial	3.64E+00	3.72E+00	2.60E-01	2.05E-04	7.46E-02	7.53E-03	1.28E-02	4.90E-05	5.21E-01	9.08E-03	1.19E-04	1.74E-03	5.22E-02	3.07E-03	0.00E+00	9.63E-02	2.24E-03	6.44E-02	2.71E-02	1.37E-02	3.37E-03
416	372814	3756455	Commercial	3.07E+00	3.13E+00	2.19E-01	1.72E-04	6.29E-02	6.35E-03	1.08E-02	4.12E-05	4.40E-01	7.66E-03	9.99E-05	1.47E-03	4.40E-02	2.59E-03	0.00E+00	8.12E-02	1.89E-03	5.43E-02	2.28E-02	1.16E-02	2.84E-03
417	372797	3756368	Commercial	2.60E+00	2.65E+00	1.85E-01	1.46E-04	5.32E-02	5.38E-03	9.10E-03	3.42E-05	3.72E-01	6.47E-03	8.30E-05	1.24E-03	3.72E-02	2.19E-03	0.00E+00	6.87E-02	1.60E-03	4.59E-02	1.93E-02	9.81E-03	2.40E-03
418	372705	3756372	Commercial	2.75E+00	2.80E+00	1.96E-01	1.54E-04	5.62E-02	5.68E-03	9.62E-03	3.62E-05	3.93E-01	6.83E-03	8.77E-05	1.31E-03	3.93E-02	2.32E-03	0.00E+00	7.26E-02	1.69E-03	4.85E-02	2.04E-02	1.04E-02	2.54E-03
419	372706	3756327	Commercial	2.44E+00	2.49E+00	1.74E-01	1.37E-04	5.00E-02	5.05E-03	8.55E-03	3.22E-05	3.50E-01	6.08E-03	7.80E-05	1.17E-03	3.50E-02	2.06E-03	0.00E+00	6.46E-02	1.50E-03	4.31E-02	1.82E-02	9.22E-03	2.26E-03
420	372927	3756319	Commercial	2.17E+00	2.21E+00	1.55E-01	1.22E-04	4.44E-02	4.49E-03	7.60E-03	2.85E-05	3.11E-01	5.40E-03	6.92E-05	1.04E-03	3.11E-02	1.83E-03	0.00E+00	5.74E-02	1.33E-03	3.83E-02	1.61E-02	8.19E-03	2.01E-03
421	372926	3756245	Commercial	1.80E+00	1.84E+00	1.29E-01	1.01E-04	3.69E-02	3.73E-03	6.32E-03	2.35E-05	2.58E-01	4.48E-03	5.69E-05	8.61E-04	2.58E-02	1.52E-03	0.00E+00	4.77E-02	1.11E-03	3.18E-02	1.34E-02	6.81E-03	1.67E-03
422	373457	3756236	Commercial	1.46E+00	1.49E+00	1.04E-01	8.18E-05	2.98E-02	3.01E-03	5.10E-03	1.89E-05	2.09E-01	3.62E-03	4.58E-05	6.95E-04	2.09E-02	1.23E-03	0.00E+00	3.85E-02	8.94E-04	2.57E-02	1.08E-02	5.50E-03	1.35E-03
423	373448	3755560	Commercial	1.57E+00	1.60E+00	1.12E-01	8.78E-05	3.21E-02	3.24E-03	5.49E-03	2.19E-05	2.24E-01	3.92E-03	5.32E-05	7.49E-04	2.24E-02	1.32E-03	0.00E+00	4.14E-02	9.61E-04	2.77E-02	1.16E-02	5.91E-03	1.45E-03
424	373222	3755569	Commercial	1.81E+00	1.84E+00	1.29E-01	1.01E-04	3.69E-02	3.73E-03	6.33E-03	2.52E-05	2.58E-01	4.52E-03	6.11E-05	8.62E-04	2.58E-02	1.52E-03	0.00E+00	4.77E-02	1.11E-03	3.20E-02	1.34E-02	6.81E-03	1.67E-03
425	373219	3755705	Commercial	1.67E+00	1.70E+00	1.19E-01	9.36E-05	3.42E-02	3.45E-03	5.86E-03	2.35E-05	2.39E-01	4.19E-03	5.69E-05	7.98E-04	2.39E-02	1.41E-03	0.00E+00	4.41E-02	1.02E-03	2.96E-02	1.24E-02	6.30E-03	1.54E-03
426	373135	3755704	Commercial	1.78E+00	1.82E+00	1.27E-01	9.97E-05	3.64E-02	3.68E-03	6.24E-03	2.50E-05	2.55E-01	4.46E-03	6.07E-05	8.51E-04	2.55E-02	1.50E-03	0.00E+00	4.71E-02	1.09E-03	3.15E-02	1.32E-02	6.71E-03	1.64E-03
427	373131	3755567	Commercial	1.92E+00	1.96E+00	1.37E-01	1.07E-04	3.93E-02	3.97E-03	6.73E-03	2.67E-05	2.75E-01	4.80E-03	6.47E-05	9.17E-04	2.75E-02	1.62E-03	0.00E+00	5.07E-02	1.18E-03	3.40E-02	1.43E-02	7.24E-03	1.77E-03
428	373054	3755563	Commercial	2.02E+00	2.06E+00	1.44E-01	1.13E-04	4.13E-02	4.17E-03	7.07E-03	2.81E-05	2.89E-01	5.05E-03	6.82E-05	9.64E-04	2.89E-02	1.70E-03	0.00E+00	5.34E-02	1.24E-03	3.57E-02	1.50E-02	7.61E-03	1.87E-03
429	373046	3755174	Commercial	2.04E+00	2.08E+00	1.46E-01	1.14E-04	4.18E-02	4.22E-03	7.15E-03	2.75E-05	2.92E-01	5.09E-03	6.68E-05	9.74E-04	2.92E-02	1.72E-03	0.00E+00	5.40E-02	1.25E-03	3.61E-02	1.52E-02	7.70E-03	1.89E-03
430	372725	3755177	Commercial	2.25E+00	2.29E+00	1.60E-01	1.26E-04	4.60E-02	4.64E-03	7.86E-03	2.99E-05	3.21E-01	5.59E-03	7.26E-05	1.07E-03	3.22E-02	1.89E-03	0.00E+00	5.94E-02	1.38E-03	3.97E-02	1.67E-02	8.47E-03	2.08E-03
431	372624	3755182	Commercial	2.30E+00	2.35E+00	1.64E-01	1.29E-04	4.71E-02	4.76E-03	8.05E-03	3.05E-05	3.29E-01	5.72E-03	7.39E-05	1.10E-03	3.29E-02	1.94E-03	0.00E+00	6.08E-02	1.41E-03	4.06E-02	1.71E-02	8.68E-03	2.12E-03
432	372238	3755186	Commercial	2.37E+00	2.42E+00	1.69E-01	1.33E-04	4.85E-02	4.90E-03	8.29E-03	3.06E-05	3.39E-01	5.88E-03	7.41E-05	1.13E-03	3.39E-02	2.00E-03	0.00E+00	6.26E-02	1.45E-03	4.18E-02	1.76E-02	8.94E-03	2.19E-03
433	371843	3755189	Commercial	2.12E+00	2.17E+00	1.52E-01	1.19E-04	4.35E-02	4.40E-03	7.43E-03	2.60E-05	3.04E-01	5.24E-03	6.31E-05	1.01E-03	3.04E-02	1.79E-03	0.00E+00	5.62E-02	1.31E-03	3.74E-02	1.58E-02	8.02E-03	1.96E-03
434	371463	3755192	Commercial	2.94E+00	3.00E+00	2.09E-01	1.64E-04	6.01E-02	6.07E-03	1.03E-02	4.35E-05	4.20E-01	7.41E-03	1.05E-04	1.41E-03	4.21E-02	2.47E-03	0.00E+00	7.76E-02	1.80E-03	5.22E-02	2.18E-02	1.11E-02	2.71E-03
435	371049	3755196	Commercial	4.43E+00	4.52E+00	3.15E-01	2.48E-04	9.06E-02	9.15E-03	1.55E-02	6.05E-05	6.34E-01	1.11E-02	1.47E-04	2.11E-03	6.34E-02	3.73E-03	0.00E+00	1.17E-01	2.72E-03	7.83E-02	3.29E-02	1.67E-02	4.09E-03
436	371056	3755349	Commercial	4.85E+00	4.95E+00	3.46E-01	2.72E-04	9.92E-02	1.00E-02	1.70E-02	6.84E-05	6.94E-01	1.22E-02	1.66E-04	2.32E-03	6.94E-02	4.09E-03	0.00E+00	1.28E-01	2.98E-03	8.59E-02	3.60E-02	1.83E-02	4.48E-03
437	371043	3755384	Commercial	5.00E+00	5.10E+00	3.56E-01	2.80E-04	1.02E-01	1.03E-02	1.75E-02	7.08E-05	7.15E-01	1.25E-02	1.72E-04	2.39E-03	7.16E-02	4.21E-03	0.00E+00	1.32E-01	3.07E-03	8.86E-02	3.72E-02	1.89E-02	4.62E-03
438	371042	3755556	Commercial	5.38E+00	5.49E+00	3.83E-01	3.01E-04	1.10E-01	1.11E-02	1.89E-02	7.94E-05	7.70E-01	1.36E-02	1.92E-04	2.58E-03	7.70E-02	4.53E-03	0.00E+00	1.42E-01	3.30E-03	9.55E-02	4.00E-02	2.03E-02	4.97E-03
439	370996	3755560	Commercial	5.73E+00	5.84E+00	4.08E-01	3.21E-04	1.17E-01	1.18E-02	2.01E-02	8.35E-05	8.19E-01	1.44E-02	2.02E-04	2.74E-03	8.19E-02	4.82E-03	0.00E+00	1.51E-01	3.51E-03	1.02E-01	4.25E-02	2.16E-02	5.29E-03
440	371001	3755419	Commercial	5.29E+00	5.39E+00	3.77E-01	2.96E-04	1.08E-01	1.09E-02	1.85E-02	7.46E-05	7.57E-01	1.33E-02	1.81E-04	2.53E-03	7.57E-02	4.45E-03	0.00E+00	1.40E-01	3.24E-03	9.37E-02	3.93E-02	1.99E-02	4.88E-03
441	370801	3755276	Commercial	4.91E+00	5.01E+00	3.50E-01	2.76E-04	1.01E-01	1.02E-02	1.72E-02	6.28E-05	7.03E-01	1.22E-02	1.52E-04	2.34E-03	7.03E-02	4.14E-03	0.00E+00	1.30E-01	3.01E-03	8.66E-02	3.65E-02	1.85E-02	4.54E-03
1	372249	3757612	Residence	5.34E+00	5.44E+00	3.80E-01	2.99E-04	1.09E-01	1.10E-02	1.87E-02	7.38E-05	7.64E-01	1.33E-02	1.79E-04	2.55E-03	7.64E-02	4.50E-03	0.00E+00	1.41E-01	3.27E-03	9.44E-02	3.97E-02	2.01E-02	4.93E-03
2	372499	3757612	Residence	4.67E+00	4.76E+00	3.33E-01	2.61E-04	9.55E-02	9.65E-03	1.64E-02	6.45E-05	6.68E-01	1.17E-02	1.56E-04	2.23E-03	6.68E-02	3.93E-03	0.00E+00	1.23E-01	2.86E-03	8.26E-02	3.47E-02	1.76E-02	4.31E-03
3	372249	3757862	Residence	5.41E+00	5.52E+00	3.85E-01	3.03E-04	1.11E-01	1.12E-02	1.90E-02	7.65E-05	7.74E-01	1.36E-02	1.85E-04	2.59E-03	7.74E-02	4.56E-03	0.00E+00	1.43E-01	3.32E-03	9.58E-02	4.02E-02	2.04E-02	5.00E-03
4	372499	3757862	Residence	4.29E+00	4.37E+00	3.06E-01	2.40E-04	8.77E-02	8.86E-03	1.50E-02	5.99E-05	6.14E-01	1.07E-02	1.45E-04	2.05E-03	6.14E-02	3.61E-03	0.00E+00	1.13E-01	2.63E-03	7.59E-02	3.19E-02	1.62E-02	3.96E-03
5	372249	3758112	Residence	5.45E+00	5.55E+00	3.88E-01	3.05E-04	1.11E-01	1.13E-02	1.91E-02	7.52E-05	7.79E-01	1.36E-02	1.82E-04	2.60E-03	7.79E-02	4.59E-03	0.00E+00	1.44E-01	3.34E-03	9.63E-02	4.05E-02	2.05E-02	5.03E-03
6	372499	3758112	Residence	4.69E+00	4.78E+00	3.34E-01	2.63E-04	9.59E-02	9.69E-03	1.64E-02	6.54E-05	6.71E-01	1.17E-02	1.58E-04	2.24E-03	6.71E-02	3.95E-03	0.00E+00	1.24E-01	2.88E-03	8.30E-02	3.49E-02	1.77E-02	4.33E-03
7	372249	3758362	Residence	4.83E+00	4.93E+00	3.44E-01	2.71E-04	9.89E-02	9.99E-03	1.69E-02	6.53E-05	6.92E-01	1.21E-02	1.58E-04	2.31E-03	6.92E-02	4.07E-03	0.00E+00	1.28E-01	2.97E-03	8.54E-02	3.59E-02	1.82E-02	4.47E-03
8	372499	3758362	Residence	4.57E+00	4.66E+00	3.25E-01	2.56E-04	9.34E-02	9.44E-03	1.60E-02	6.24E-05	6.53E-01	1.14E-02	1.51E-04	2.18E-03	6.54E-02	3.85E-03	0.00E+00	1.21E-01	2.80E-03	8.07E-02	3.39E-02	1.72E-02	4.22E-03
9	373793	3755335	Residence	1.42E+00	1.45E+00	1.01E-01	7.96E-05	2.91E-02	2.94E-03	4.98E-03	1.97E-05	2.03E-01	3.55E-03	4.77E-05	6.79E-04	2.04E-02	1.20E-03	0.00E+00	3.76E-02	8.72E-04	2.52E-02	1.06E-02	5.36E-03	1.31E-03
10	374093	3755335	Residence	1.21E+00	1.23E+00	8.59E-02	6.75E-05	2.47E-02	2.49E-03	4.22E-03	1.68E-05	1.72E-01	3.02E-03	4.07E-05	5.76E-04	1.73E-02	1.02E-03	0.00E+00	3.19E-02	7.39E-04	2.13E-02	8.96E-03	4.55E-03	1.11E-03
11	373793	3755710	Residence	1.11E+00	1.13E+00	7.92E-02	6.23E-05	2.27E-02	2.30E-03	3.90E-03	1.57E-05	1.59E-01	2.79E-03	3.81E-05	5.32E-04	1.59E-02	9.37E-04	0.00E+00	2.94E-02	6.82E-04	1.97E-02	8.26E-03	4.19E-03	1.03E-03
12	374093	3755710	Residence	9.04E-01	9.22E-01	6.44E-02	5.07E-05	1.85E-02	1.87E-03	3.17E-03	1.28E-05	1.29E-01	2.27E-03	3.09E-05	4.32E-04	1.29E-02	7.61E-04	0.00E+00	2.39E-02	5.55E-04	1.60E-02	6.72E-03	3.41E-03	8.35E-04
13	373793	3756085	Residence	9.16E-01	9.34E-01	6.53E-02	5.14E-05	1.87E-02	1.89E-03	3.20E-03	1.18E-05	1.31E-01	2.27E-03	2.85E-05	4.37E-04	1.31E-02	7.72E-04	0.00E+00	2.42E-02	5.62E-04	1.62E-02	6.81E-03	3.46E-03	8.46E-04
14	374093	3756085	Residence	8.47E-01	8.64E-01	6.04E-02	4.76E-05	1.73E-02	1.75E-03	2.96E-03	1.10E-05	1.21E-01	2.10E-03	2.66E-05	4.04E-04	1.21E-02	7.14E-04	0.00E+00	2.24E-02	5.20E-04	1.49E-02	6.30E-03	3.20E-03	7.83E-04
15	373793	3756460	Residence	1.94E+00	1.98E+00	1.38E-01	1.09E-04	3.97E-02	4.01E-03	6.79E-03	2.61E-05	2.78E-01	4.84E-03	6.33E-05	9.26E-04	2.78E-02	1.63E-03	0.00E+00	5.13E-02	1.19E-03	3.43E-02	1.44E-02	7.32E-03	1.79E-03
16	374093	3756460	Residence	1.73E+00	1.76E+00	1.23E-01	9.71E-05	3.54E-02	3.58E-03	6.06E-03	2.32E-05	2.48E-01	4.31E-03	5.62E-05	8.26E-04	2.48E-02	1.46E-03	0.00E+00	4.57E-02	1.06E-03	3.06E-02	1.29E-02	6.52E-03	1.60E-03
17	373793	3756835	Residence	3.05E+00	3.11E+00	2.17E-01	1.71E-04	6.24E-02	6.31E-03	1.07E-02	4.12E-05	4.37E-01	7.61E-03	9.98E-05	1.46E-03	4.37E-02	2.57E-03	0.00E+00	8.07E-02	1.87E-03	5.39E-02	2.27E-02	1.15E-02	2.82E-03
18	374093	3756835	Residence	2.65E+00	2.70E+00	1.89E-01	1.49E-04	5.42E-02	5.47E-03	9.27E-03	3.58E-05	3.79E-01	6.60E-03	8.67E-05	1.26E-03	3.79E-02	2.23E-03	0.00E+00	7.00E-02	1.62E-03	4.68E-02	1.97E-02	9.99E-03	2.45E-03
19	373793	3757210	Residence	3.54E+00	3.61E+00	2.52E-01	1.98E-04	7.24E-02	7.31E-03	1.24E-02	4.80E-05	5.06E-01	8.82E-03	1.16E-04	1.69E-03	5.06E-02	2.98E-03	0.00E+00	9.35E-02	2.17E-03	6.25E-02	2.63E-02	1.33E-02	3.27E-03
20	374093	3757210	Residence	3.16E+00	3.22E+00	2.25E-01	1.77E-04	6.46E-02	6.53E-03	1.11E-02	4.28E-05	4.52E-01	7.87E-03	1.04E-04	1.51E-03	4.52E-02	2.66E-03	0.00E+00	8.34E-02	1.94E-03	5.58E-02	2.35E-02	1.19E-02	2.92E-03
21	373793	3757585	Residence	3.09E+00	3.16E+00	2.20E-01	1.73E-04	6.33E-02	6.40E-03	1.08E-02	4.21E-05	4.43E-01	7.72E-03	1.02E-04	1.48E-03	4.43E-02	2.61E-03	0.00E+00	8.18E-02	1.90E-03	5.47E-02	2.30E-02	1.17E-02	2.86E-03
22	374093	3757585	Residence	2.91E+00	2.96E+00	2.07E-01	1.63E-04	5.95E-02	6.01E-03	1.02E-02	3.94E-05	4.16E-01	7.25E-03	9.55E-05	1.39E-03	4.16E-02	2.45E-03	0.00E+00	7.68E-02	1.78E-03	5.14E-02	2.16E-02	1.10E-02	2.68E-03
23	373793	3757960	Residence	2.46E+00	2.50E+00	1.75E-01	1.38E-04	5.02E-02	5.08E-03	8.60E-03	3.35E-05	3.51E-01	6.13E-03	8.12E-05	1.17E-03	3.52E-02	2.07E-03	0.00E+00	6.49E-02	1.51E-03	4.34E-02	1.83E-02	9.26E-03	2.27E-03
24	374093	3757960	Residence	2.12E+00	2.16E+00	1.51E-01	1.19E-04	4.34E-02	4.38E-03	7.42E-03	2.90E-05	3.03E-01	5.29E-03	7.02E-05	1.01E-03	3.03E-02	1.79E-03	0.00E+00	5.60E-02	1.30E-03	3.75E-02	1.58E-02	7.99E-03	1.96E-03
25	373793	3758335	Residence	2.47E+00	2.51E+00	1.76E-01	1.38E-04	5.04E-02	5.09E-03	8.63E-03	3.34E-05	3.53E-01	6.15E-03	8.09E-05	1.18E-03	3.53E-02	2.08E-03	0.00E+00	6.51E-02	1.51E-03	4.36E-02	1.83E-02	9.30E-03	2.28E-03
26	374093	3758335	Residence	2.25E+00	2.29E+00	1.60E-01	1.26E-04	4.60E-02	4.64E-03	7.87E-03	3.04E-05	3.21E-01	5.60E-03	7.37E-05	1.07E-03	3.22E-02	1.89E-03	0.00E+00	5.94E-02	1.38E-03	3.97E-02	1.67E-02	8.47E-03	2.07E-03
27	373793	3758710	Residence	2.31E+00	2.35E+00	1.64E-01	1.29E-04	4.72E-02	4.77E-03	8.09E-03	3.20E-05	3.30E-01	5.77E-03	7.76E-05	1.10E-03	3.30E-02	1.94E-03	0.00E+00	6.10E-02	1.42E-03	4.09E-02	1.72E-02	8.71E-03	2.13E-03
28	374093	3758710	Residence	2.07E+00	2.11E+00	1.47E-01	1.16E-04	4.22E-02	4.27E-03	7.23E-03	2.77E-05	2.96E-01	5.14E-03	6.72E-05	9.85E-04	2.96E-02	1.74E-03	0.00E+00	5.46E-02	1.27E-03	3.65E-02	1.54E-02	7.79E-03	1.91E-03
30	367278	3755614	Residence	5.59E+00	5.70E+00	3.98E-01	3.13E-04	1.14E-01	1.16E-02	1.95E-02	7.15E-05	8.00E-01	1.38E-02	1.73E-04	2.66E-03	8.00E-02	4.71E-03	0.00E+00	1.48E-01	3.43E-03	9.85E-02	4.16E-02	2.11E-02	5.16E-03
31	367231	3755722	Residence	5.85E+00	5.96E+00	4.17E-01	3.28E-04	1.20E-01	1.21E-02	2.04E-02	7.44E-05	8.37E-01	1.45E-02	1.80E-04	2.79E-03	8.37E-02	4.93E-03	0.00E+00	1.55E-01	3.59E-03	1.03E-01	4.35E-02	2.21E-02	5.40E-03
32	367185	3755830	Residence	5.92E+00	6.04E+00	4.22E-01	3.32E-04	1.21E-01	1.22E-02	2.07E-02	7.54E-05	8.48E-01	1.47E-02	1.83E-04	2.82E-03	8.48E-02	4.99E-03	0.00E+00	1.57E-01	3.64E-03	1.04E-01	4.40E-02	2.23E-02	5.47E-03
33	367138	3755938	Residence	6.28E+00	6.40E+00	4.48E-01	3.52E-04	1.29E-01	1.30E-02	2.20E-02	7.96E-05	8.99E-01	1.55E-02	1.93E-04	2.99E-03	8.99E-02	5.29E-03	0.00E+00	1.66E-01	3.85E-03	1.11E-01	4.67E-02	2.37E-02	5.80E-03
34	367091	3756047	Residence	6.38E+00	6.51E+00	4.55E-01	3.58E-04	1.31E-01	1.32E-02	2.23E-02	8.09E-05	9.14E-01	1.58E-02	1.96E-04	3.04E-03	9.14E-02	5.38E-03	0.00E+00	1.69E-01	3.92E-03	1.12E-01	4.75E-02	2.41E-02	5.90E-03
35	367048	3756147	Residence	6.26E+00	6.38E+00	4.46E-01	3.51E-04	1.28E-01	1.29E-02	2.19E-02	7.94E-05	8.96E-01	1.55E-02	1.93E-04	2.98E-03	8.96E-02	5.28E-03	0.00E+00	1.66E-01	3.84E-03	1.10E-01	4.65E-02	2.36E-02	5.78E-03
36	367005	3756247	Residence	5.92E+00	6.04E+00	4.22E-01	3.32E-04	1.21E-01	1.22E-02	2.07E-02	7.53E-05	8.48E-01	1.47E-02	1.83E-04	2.82E-03	8.48E-02	4.99E-03	0.00E+00	1.57E-01	3.64E-03	1.04E-01	4.40E-02	2.23E-02	5.47E-03
37	366962	3756348	Residence	6.07E+00	6.19E+00	4.33E-01	3.40E-04	1.24E-01	1.26E-02	2.12E-02	7.67E-05	8.69E-01	1.50E-02	1.86E-04	2.89E-03	8.69E-02	5.12E-03	0.00E+00	1.61E-01	3.73E-03	1.07E-01	4.51E-02	2.29E-02	5.61E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
38	366918	3756450	Residence	6.04E+00	6.16E+00	4.31E-01	3.39E-04	1.24E-01	1.25E-02	2.11E-02	7.67E-05	8.65E-01	1.50E-02	1.86E-04	2.88E-03	8.65E-02	5.09E-03	0.00E+00	1.60E-01	3.71E-03	1.06E-01	4.49E-02	2.28E-02	5.58E-03
39	366874	3756551	Residence	5.87E+00	5.98E+00	4.18E-01	3.29E-04	1.20E-01	1.21E-02	2.05E-02	7.47E-05	8.40E-01	1.45E-02	1.81E-04	2.79E-03	8.40E-02	4.94E-03	0.00E+00	1.55E-01	3.60E-03	1.03E-01	4.36E-02	2.21E-02	5.42E-03
40	366830	3756653	Residence	5.54E+00	5.65E+00	3.95E-01	3.10E-04	1.13E-01	1.15E-02	1.94E-02	7.06E-05	7.93E-01	1.37E-02	1.71E-04	2.64E-03	7.93E-02	4.67E-03	0.00E+00	1.46E-01	3.40E-03	9.76E-02	4.12E-02	2.09E-02	5.12E-03
41	366840	3756685	Residence	5.63E+00	5.75E+00	4.02E-01	3.16E-04	1.15E-01	1.17E-02	1.97E-02	7.11E-05	8.07E-01	1.39E-02	1.72E-04	2.68E-03	8.07E-02	4.75E-03	0.00E+00	1.49E-01	3.46E-03	9.93E-02	4.19E-02	2.13E-02	5.21E-03
42	366890	3756714	Residence	5.79E+00	5.90E+00	4.13E-01	3.24E-04	1.18E-01	1.20E-02	2.02E-02	7.33E-05	8.29E-01	1.43E-02	1.78E-04	2.76E-03	8.29E-02	4.88E-03	0.00E+00	1.53E-01	3.55E-03	1.02E-01	4.30E-02	2.18E-02	5.35E-03
43	366879	3756683	Residence	5.72E+00	5.84E+00	4.08E-01	3.21E-04	1.17E-01	1.18E-02	2.00E-02	7.22E-05	8.20E-01	1.42E-02	1.75E-04	2.73E-03	8.20E-02	4.83E-03	0.00E+00	1.51E-01	3.51E-03	1.01E-01	4.26E-02	2.16E-02	5.29E-03
44	366852	3756751	Residence	5.72E+00	5.84E+00	4.08E-01	3.21E-04	1.17E-01	1.18E-02	2.00E-02	7.26E-05	8.20E-01	1.42E-02	1.76E-04	2.73E-03	8.20E-02	4.83E-03	0.00E+00	1.51E-01	3.51E-03	1.01E-01	4.26E-02	2.16E-02	5.29E-03
45	366884	3756737	Residence	5.79E+00	5.91E+00	4.13E-01	3.25E-04	1.19E-01	1.20E-02	2.03E-02	7.34E-05	8.29E-01	1.43E-02	1.78E-04	2.76E-03	8.30E-02	4.88E-03	0.00E+00	1.53E-01	3.56E-03	1.02E-01	4.31E-02	2.19E-02	5.35E-03
46	366821	3756715	Residence	5.62E+00	5.74E+00	4.01E-01	3.15E-04	1.15E-01	1.16E-02	1.97E-02	7.13E-05	8.05E-01	1.39E-02	1.73E-04	2.68E-03	8.05E-02	4.74E-03	0.00E+00	1.49E-01	3.45E-03	9.91E-02	4.18E-02	2.12E-02	5.20E-03
47	366790	3756728	Residence	5.57E+00	5.68E+00	3.97E-01	3.12E-04	1.14E-01	1.15E-02	1.95E-02	7.06E-05	7.97E-01	1.38E-02	1.71E-04	2.65E-03	7.97E-02	4.69E-03	0.00E+00	1.47E-01	3.42E-03	9.81E-02	4.14E-02	2.10E-02	5.14E-03
48	366745	3756823	Residence	5.48E+00	5.59E+00	3.91E-01	3.07E-04	1.12E-01	1.13E-02	1.92E-02	6.97E-05	7.85E-01	1.36E-02	1.69E-04	2.61E-03	7.85E-02	4.62E-03	0.00E+00	1.45E-01	3.36E-03	9.66E-02	4.08E-02	2.07E-02	5.06E-03
49	366700	3756919	Residence	5.28E+00	5.39E+00	3.77E-01	2.96E-04	1.08E-01	1.09E-02	1.85E-02	6.78E-05	7.56E-01	1.31E-02	1.64E-04	2.52E-03	7.57E-02	4.45E-03	0.00E+00	1.40E-01	3.24E-03	9.31E-02	3.93E-02	1.99E-02	4.88E-03
50	366655	3757014	Residence	5.00E+00	5.10E+00	3.56E-01	2.80E-04	1.02E-01	1.03E-02	1.75E-02	6.43E-05	7.15E-01	1.24E-02	1.56E-04	2.38E-03	7.16E-02	4.21E-03	0.00E+00	1.32E-01	3.07E-03	8.81E-02	3.72E-02	1.89E-02	4.62E-03
51	366608	3757113	Residence	4.59E+00	4.68E+00	3.27E-01	2.58E-04	9.40E-02	9.50E-03	1.61E-02	5.96E-05	6.58E-01	1.14E-02	1.45E-04	2.19E-03	6.58E-02	3.87E-03	0.00E+00	1.21E-01	2.82E-03	8.10E-02	3.42E-02	1.73E-02	4.24E-03
52	366561	3757212	Residence	4.16E+00	4.24E+00	2.96E-01	2.33E-04	8.51E-02	8.59E-03	1.45E-02	5.44E-05	5.95E-01	1.03E-02	1.32E-04	1.98E-03	5.95E-02	3.50E-03	0.00E+00	1.10E-01	2.55E-03	7.33E-02	3.09E-02	1.57E-02	3.84E-03
53	366514	3757311	Residence	3.68E+00	3.76E+00	2.63E-01	2.07E-04	7.54E-02	7.62E-03	1.29E-02	4.85E-05	5.27E-01	9.16E-03	1.18E-04	1.76E-03	5.27E-02	3.10E-03	0.00E+00	9.74E-02	2.26E-03	6.50E-02	2.74E-02	1.39E-02	3.40E-03
54	366464	3757416	Residence	3.47E+00	3.53E+00	2.47E-01	1.94E-04	7.09E-02	7.17E-03	1.21E-02	4.35E-05	4.96E-01	8.57E-03	1.05E-04	1.65E-03	4.96E-02	2.92E-03	0.00E+00	9.17E-02	2.13E-03	6.10E-02	2.58E-02	1.31E-02	3.20E-03
55	366415	3757520	Residence	3.51E+00	3.58E+00	2.50E-01	1.97E-04	7.18E-02	7.25E-03	1.23E-02	4.43E-05	5.02E-01	8.68E-03	1.07E-04	1.67E-03	5.02E-02	2.96E-03	0.00E+00	9.27E-02	2.15E-03	6.18E-02	2.61E-02	1.32E-02	3.24E-03
56	366434	3757556	Residence	3.56E+00	3.63E+00	2.54E-01	2.00E-04	7.29E-02	7.36E-03	1.24E-02	4.51E-05	5.10E-01	8.81E-03	1.09E-04	1.70E-03	5.10E-02	3.00E-03	0.00E+00	9.41E-02	2.19E-03	6.27E-02	2.65E-02	1.34E-02	3.29E-03
57	366484	3757562	Residence	3.63E+00	3.71E+00	2.59E-01	2.04E-04	7.44E-02	7.52E-03	1.27E-02	4.60E-05	5.20E-01	8.99E-03	1.12E-04	1.73E-03	5.20E-02	3.06E-03	0.00E+00	9.61E-02	2.23E-03	6.40E-02	2.70E-02	1.37E-02	3.36E-03
58	366567	3757525	Residence	3.74E+00	3.82E+00	2.67E-01	2.10E-04	7.66E-02	7.74E-03	1.31E-02	4.73E-05	5.36E-01	9.26E-03	1.15E-04	1.78E-03	5.36E-02	3.15E-03	0.00E+00	9.90E-02	2.30E-03	6.59E-02	2.78E-02	1.41E-02	3.46E-03
59	366621	3757539	Residence	3.83E+00	3.91E+00	2.73E-01	2.15E-04	7.85E-02	7.93E-03	1.34E-02	4.86E-05	5.49E-01	9.49E-03	1.18E-04	1.83E-03	5.49E-02	3.23E-03	0.00E+00	1.01E-01	2.35E-03	6.75E-02	2.85E-02	1.45E-02	3.54E-03
60	366646	3757556	Residence	3.88E+00	3.96E+00	2.77E-01	2.18E-04	7.94E-02	8.03E-03	1.36E-02	4.94E-05	5.56E-01	9.61E-03	1.20E-04	1.85E-03	5.56E-02	3.27E-03	0.00E+00	1.03E-01	2.38E-03	6.84E-02	2.89E-02	1.46E-02	3.59E-03
61	366713	3757550	Residence	3.98E+00	4.06E+00	2.84E-01	2.23E-04	8.16E-02	8.24E-03	1.39E-02	5.07E-05	5.71E-01	9.87E-03	1.23E-04	1.90E-03	5.71E-02	3.36E-03	0.00E+00	1.05E-01	2.45E-03	7.02E-02	2.96E-02	1.50E-02	3.68E-03
62	366779	3757545	Residence	4.09E+00	4.17E+00	2.92E-01	2.29E-04	8.37E-02	8.46E-03	1.43E-02	5.20E-05	5.86E-01	1.01E-02	1.26E-04	1.95E-03	5.86E-02	3.45E-03	0.00E+00	1.08E-01	2.51E-03	7.21E-02	3.04E-02	1.54E-02	3.78E-03
63	366839	3757583	Residence	4.18E+00	4.26E+00	2.98E-01	2.34E-04	8.55E-02	8.64E-03	1.46E-02	5.33E-05	5.98E-01	1.03E-02	1.29E-04	1.99E-03	5.98E-02	3.52E-03	0.00E+00	1.10E-01	2.56E-03	7.36E-02	3.11E-02	1.58E-02	3.86E-03
64	366913	3757623	Residence	4.26E+00	4.34E+00	3.04E-01	2.39E-04	8.72E-02	8.81E-03	1.49E-02	5.46E-05	6.10E-01	1.06E-02	1.32E-04	2.03E-03	6.10E-02	3.59E-03	0.00E+00	1.13E-01	2.61E-03	7.51E-02	3.17E-02	1.61E-02	3.93E-03
65	366986	3757664	Residence	4.30E+00	4.39E+00	3.07E-01	2.41E-04	8.81E-02	8.90E-03	1.51E-02	5.55E-05	6.16E-01	1.07E-02	1.35E-04	2.05E-03	6.16E-02	3.63E-03	0.00E+00	1.14E-01	2.64E-03	7.59E-02	3.20E-02	1.62E-02	3.98E-03
66	367074	3757713	Residence	4.31E+00	4.39E+00	3.07E-01	2.41E-04	8.81E-02	8.90E-03	1.51E-02	5.59E-05	6.16E-01	1.07E-02	1.35E-04	2.05E-03	6.17E-02	3.63E-03	0.00E+00	1.14E-01	2.64E-03	7.60E-02	3.20E-02	1.62E-02	3.98E-03
67	367162	3757761	Residence	4.26E+00	4.34E+00	3.03E-01	2.39E-04	8.71E-02	8.80E-03	1.49E-02	5.58E-05	6.09E-01	1.06E-02	1.35E-04	2.03E-03	6.09E-02	3.59E-03	0.00E+00	1.12E-01	2.61E-03	7.51E-02	3.16E-02	1.61E-02	3.93E-03
68	367300	3757718	Residence	4.52E+00	4.61E+00	3.22E-01	2.53E-04	9.25E-02	9.34E-03	1.58E-02	5.92E-05	6.47E-01	1.12E-02	1.44E-04	2.15E-03	6.47E-02	3.81E-03	0.00E+00	1.19E-01	2.77E-03	7.97E-02	3.36E-02	1.70E-02	4.17E-03
69	367385	3757734	Residence	4.51E+00	4.60E+00	3.22E-01	2.53E-04	9.23E-02	9.33E-03	1.58E-02	5.95E-05	6.46E-01	1.12E-02	1.44E-04	2.15E-03	6.46E-02	3.80E-03	0.00E+00	1.19E-01	2.77E-03	7.96E-02	3.35E-02	1.70E-02	4.17E-03
70	367398	3757758	Residence	4.42E+00	4.51E+00	3.15E-01	2.48E-04	9.05E-02	9.15E-03	1.55E-02	5.85E-05	6.33E-01	1.10E-02	1.42E-04	2.11E-03	6.33E-02	3.73E-03	0.00E+00	1.17E-01	2.72E-03	7.81E-02	3.29E-02	1.67E-02	4.09E-03
71	367506	3757818	Residence	4.16E+00	4.24E+00	2.96E-01	2.33E-04	8.51E-02	8.59E-03	1.46E-02	5.57E-05	5.95E-01	1.04E-02	1.35E-04	1.98E-03	5.95E-02	3.50E-03	0.00E+00	1.10E-01	2.55E-03	7.34E-02	3.09E-02	1.57E-02	3.84E-03
72	367533	3757826	Residence	4.12E+00	4.20E+00	2.93E-01	2.31E-04	8.43E-02	8.51E-03	1.44E-02	5.53E-05	5.89E-01	1.03E-02	1.34E-04	1.97E-03	5.90E-02	3.47E-03	0.00E+00	1.09E-01	2.53E-03	7.28E-02	3.06E-02	1.55E-02	3.80E-03
73	367561	3757814	Residence	4.18E+00	4.26E+00	2.98E-01	2.34E-04	8.55E-02	8.64E-03	1.46E-02	5.61E-05	5.98E-01	1.04E-02	1.36E-04	2.00E-03	5.98E-02	3.52E-03	0.00E+00	1.11E-01	2.57E-03	7.39E-02	3.11E-02	1.58E-02	3.86E-03
78	367786	3757842	Residence	3.92E+00	3.99E+00	2.79E-01	2.20E-04	8.01E-02	8.09E-03	1.37E-02	5.38E-05	5.60E-01	9.79E-03	1.30E-04	1.87E-03	5.60E-02	3.30E-03	0.00E+00	1.03E-01	2.40E-03	6.93E-02	2.91E-02	1.48E-02	3.62E-03
79	367782	3757935	Residence	3.31E+00	3.38E+00	2.36E-01	1.86E-04	6.77E-02	6.84E-03	1.16E-02	4.62E-05	4.74E-01	8.29E-03	1.12E-04	1.58E-03	4.74E-02	2.79E-03	0.00E+00	8.75E-02	2.03E-03	5.86E-02	2.46E-02	1.25E-02	3.06E-03
80	367752	3757969	Residence	3.13E+00	3.19E+00	2.23E-01	1.75E-04	6.40E-02	6.46E-03	1.10E-02	4.39E-05	4.47E-01	7.83E-03	1.06E-04	1.49E-03	4.48E-02	2.63E-03	0.00E+00	8.26E-02	1.92E-03	5.54E-02	2.32E-02	1.18E-02	2.89E-03
81	367775	3758021	Residence	2.78E+00	2.83E+00	1.98E-01	1.56E-04	5.68E-02	5.74E-03	9.73E-03	3.94E-05	3.97E-01	6.97E-03	9.55E-05	1.33E-03	3.97E-02	2.34E-03	0.00E+00	7.34E-02	1.70E-03	4.92E-02	2.06E-02	1.05E-02	2.56E-03
82	367808	3758034	Residence	2.66E+00	2.72E+00	1.90E-01	1.49E-04	5.45E-02	5.50E-03	9.34E-03	3.79E-05	3.81E-01	6.68E-03	9.18E-05	1.27E-03	3.81E-02	2.24E-03	0.00E+00	7.04E-02	1.63E-03	4.72E-02	1.98E-02	1.00E-02	2.46E-03
83	367866	3758009	Residence	2.73E+00	2.78E+00	1.94E-01	1.53E-04	5.57E-02	5.63E-03	9.55E-03	3.89E-05	3.90E-01	6.84E-03	9.42E-05	1.30E-03	3.90E-02	2.29E-03	0.00E+00	7.20E-02	1.67E-03	4.83E-02	2.03E-02	1.03E-02	2.52E-03
84	367924	3757985	Residence	2.79E+00	2.84E+00	1.99E-01	1.56E-04	5.70E-02	5.76E-03	9.78E-03	3.99E-05	3.99E-01	7.00E-03	9.67E-05	1.33E-03	3.99E-02	2.35E-03	0.00E+00	7.37E-02	1.71E-03	4.94E-02	2.07E-02	1.05E-02	2.58E-03
85	367938	3757954	Residence	2.97E+00	3.03E+00	2.11E-01	1.66E-04	6.07E-02	6.13E-03	1.04E-02	4.23E-05	4.24E-01	7.45E-03	1.02E-04	1.42E-03	4.24E-02	2.50E-03	0.00E+00	7.84E-02	1.82E-03	5.26E-02	2.21E-02	1.12E-02	2.74E-03
86	367928	3757923	Residence	3.20E+00	3.26E+00	2.28E-01	1.79E-04	6.54E-02	6.61E-03	1.12E-02	4.52E-05	4.57E-01	8.02E-03	1.10E-04	1.53E-03	4.58E-02	2.69E-03	0.00E+00	8.45E-02	1.96E-03	5.66E-02	2.38E-02	1.21E-02	2.95E-03
87	367915	3757953	Residence	3.00E+00	3.06E+00	2.14E-01	1.68E-04	6.14E-02	6.21E-03	1.05E-02	4.27E-05	4.30E-01	7.54E-03	1.04E-04	1.44E-03	4.30E-02	2.53E-03	0.00E+00	7.94E-02	1.84E-03	5.32E-02	2.23E-02	1.13E-02	2.77E-03
88	368017	3757908	Residence	3.16E+00	3.22E+00	2.25E-01	1.77E-04	6.45E-02	6.52E-03	1.11E-02	4.50E-05	4.51E-01	7.92E-03	1.09E-04	1.51E-03	4.51E-02	2.66E-03	0.00E+00	8.34E-02	1.94E-03	5.59E-02	2.35E-02	1.19E-02	2.91E-03
89	368119	3757863	Residence	3.32E+00	3.39E+00	2.36E-01	1.86E-04	6.79E-02	6.86E-03	1.16E-02	4.75E-05	4.75E-01	8.34E-03	1.15E-04	1.59E-03	4.75E-02	2.80E-03	0.00E+00	8.77E-02	2.04E-03	5.88E-02	2.47E-02	1.25E-02	3.07E-03
90	368180	3757839	Residence	3.43E+00	3.49E+00	2.44E-01	1.92E-04	7.00E-02	7.08E-03	1.20E-02	4.88E-05	4.90E-01	8.60E-03	1.18E-04	1.64E-03	4.90E-02	2.88E-03	0.00E+00	9.05E-02	2.10E-03	6.07E-02	2.55E-02	1.29E-02	3.16E-03
91	368242	3757814	Residence	3.67E+00	3.75E+00	2.62E-01	2.06E-04	7.51E-02	7.59E-03	1.29E-02	5.02E-05	5.25E-01	9.17E-03	1.22E-04	1.75E-03	5.26E-02	3.09E-03	0.00E+00	9.71E-02	2.25E-03	6.50E-02	2.73E-02	1.39E-02	3.39E-03
92	368318	3757785	Residence	4.03E+00	4.11E+00	2.87E-01	2.26E-04	8.24E-02	8.33E-03	1.41E-02	5.19E-05	5.77E-01	9.99E-03	1.26E-04	1.92E-03	5.77E-02	3.39E-03	0.00E+00	1.06E-01	2.47E-03	7.10E-02	3.00E-02	1.52E-02	3.72E-03
93	368407	3757788	Residence	4.67E+00	4.77E+00	3.34E-01	2.63E-04	9.58E-02	9.68E-03	1.63E-02	5.19E-05	6.70E-01	1.14E-02	1.26E-04	2.22E-03	6.70E-02	3.94E-03	0.00E+00	1.24E-01	2.87E-03	8.19E-02	3.48E-02	1.77E-02	4.32E-03
94	368505	3757789	Residence	5.45E+00	5.56E+00	3.89E-01	3.07E-04	1.12E-01	1.13E-02	1.90E-02	6.14E-05	7.81E-01	1.33E-02	1.49E-04	2.59E-03	7.81E-02	4.60E-03	0.00E+00	1.44E-01	3.35E-03	9.56E-02	4.06E-02	2.06E-02	5.04E-03
95	368603	3757790	Residence	6.30E+00	6.42E+00	4.50E-01	3.54E-04	1.29E-01	1.30E-02	2.20E-02	7.21E-05	9.03E-01	1.54E-02	1.75E-04	3.00E-03	9.03E-02	5.32E-03	0.00E+00	1.67E-01	3.87E-03	1.11E-01	4.69E-02	2.38E-02	5.82E-03
96	368628	3757765	Residence	6.43E+00	6.56E+00	4.59E-01	3.62E-04	1.32E-01	1.33E-02	2.24E-02	7.33E-05	9.22E-01	1.57E-02	1.78E-04	3.06E-03	9.22E-02	5.43E-03	0.00E+00	1.70E-01	3.95E-03	1.13E-01	4.79E-02	2.43E-02	5.94E-03
97	368676	3757781	Residence	6.93E+00	7.07E+00	4.95E-01	3.90E-04	1.42E-01	1.44E-02	2.42E-02	8.00E-05	9.93E-01	1.70E-02	1.94E-04	3.30E-03	9.93E-02	5.85E-03	0.00E+00	1.83E-01	4.26E-03	1.22E-01	5.16E-02	2.62E-02	6.41E-03
98	368759	3757821	Residence	7.77E+00	7.93E+00	5.55E-01	4.37E-04	1.59E-01	1.61E-02	2.72E-02	9.22E-05	1.11E+00	1.91E-02	2.23E-04	3.70E-03	1.11E-01	6.56E-03	0.00E+00	2.06E-01	4.78E-03	1.37E-01	5.79E-02	2.94E-02	7.19E-03
99	368839	3757872	Residence	8.41E+00	8.57E+00	5.99E-01	4.72E-04	1.72E-01	1.74E-02	2.94E-02	1.03E-04	1.20E+00	2.07E-02	2.50E-04	4.00E-03	1.20E-01	7.09E-03	0.00E+00	2.22E-01	5.16E-03	1.48E-01	6.25E-02	3.17E-02	7.77E-03
100	368921	3757924	Residence	8.74E+00	8.91E+00	6.23E-01	4.90E-04	1.79E-01	1.81E-02	3.06E-02	1.11E-04	1.25E+00	2.16E-02	2.69E-04	4.16E-03	1.25E-01	7.37E-03	0.00E+00	2.31E-01	5.37E-03	1.54E-01	6.50E-02	3.30E-02	8.07E-03
101	369004	3757976	Residence	8.70E+00	8.87E+00	6.20E-01	4.88E-04	1.78E-01	1.80E-02	3.04E-02	1.14E-04	1.24E+00	2.16E-02	2.77E-04	4.15E-03	1.25E-01	7.33E-03	0.00E+00	2.30E-01	5.34E-03	1.53E-01	6.47E-02	3.28E-02	8.03E-03
102	369038	3757969	Residence	8.79E+00	8.97E+00	6.27E-01	4.93E-04	1.80E-01	1.82E-02	3.08E-02	1.17E-04	1.26E+00	2.19E-02	2.82E-04	4.19E-03	1.26E-01	7.41E-03	0.00E+00	2.32E-01	5.40E-03	1.55E-01	6.54E-02	3.32E-02	8.12E-03
103	369101	3757878	Residence	9.64E+00	9.83E+00	6.87E-01	5.41E-04	1.97E-01	1.99E-02	3.37E-02	1.27E-04	1.38E+00	2.40E-02	3.08E-04	4.60E-03	1.38E-01	8.13E-03	0.00E+00	2.55E-01	5.92E-03	1.70E-01	7.17E-02	3.64E-02	8.91E-03
104	369067	3757885	Residence	9.52E+00	9.70E+00	6.78E-01	5.34E-04	1.95E-01	1.97E-02	3.33E-02	1.24E-04	1.36E+00	2.36E-02	3.01E-04	4.54E-03	1.36E-01	8.02E-03	0.00E+00	2.52E-01	5.84E-03	1.68E-01	7.08E-02	3.59E-02	8.79E-03
105	369139	3757930	Residence	9.17E+00	9.36E+00	6.54E-01	5.14E-04	1.88E-01	1.90E-02	3.21E-02	1.24E-04	1.31E+00	2.29E-02	3.01E-04	4.38E-03	1.31E-01	7.73E-03	0.00E+00	2.42E-01	5.63E-03	1.62E-01	6.82E-02	3.46E-02	8.47E-03
106	369211	3757974	Residence	8.51E+00	8.68E+00	6.06E-01	4.77E-04	1.74E-01	1.76E-02	2.98E-02	1.20E-04	1.22E+00	2.13E-02	2.90E-04	4.07E-03	1.22E-01	7.17E-03	0.00E+00	2.25E-01	5.22E-03	1.51E-01	6.33E-02	3.21E-02	7.86E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
107	369243	3757968	Residence	8.44E+00	8.61E+00	6.01E-01	4.73E-04	1.73E-01	1.74E-02	2.96E-02	1.20E-04	1.21E+00	2.12E-02	2.90E-04	4.03E-03	1.21E-01	7.11E-03	0.00E+00	2.23E-01	5.17E-03	1.49E-01	6.27E-02	3.18E-02	7.79E-03
108	369305	3757894	Residence	9.11E+00	9.29E+00	6.48E-01	5.10E-04	1.86E-01	1.88E-02	3.19E-02	1.30E-04	1.30E+00	2.28E-02	3.15E-04	4.35E-03	1.30E-01	7.67E-03	0.00E+00	2.41E-01	5.58E-03	1.61E-01	6.76E-02	3.43E-02	8.41E-03
109	369366	3757820	Residence	9.87E+00	1.01E+01	7.03E-01	5.53E-04	2.02E-01	2.04E-02	3.46E-02	1.42E-04	1.41E+00	2.48E-02	3.43E-04	4.72E-03	1.41E-01	8.31E-03	0.00E+00	2.61E-01	6.05E-03	1.75E-01	7.33E-02	3.72E-02	9.11E-03
110	369436	3757794	Residence	9.80E+00	9.99E+00	6.97E-01	5.48E-04	2.00E-01	2.02E-02	3.44E-02	1.44E-04	1.40E+00	2.47E-02	3.49E-04	4.69E-03	1.40E-01	8.24E-03	0.00E+00	2.59E-01	6.00E-03	1.74E-01	7.28E-02	3.69E-02	9.04E-03
111	369435	3757760	Residence	1.04E+01	1.06E+01	7.43E-01	5.84E-04	2.13E-01	2.15E-02	3.66E-02	1.52E-04	1.49E+00	2.62E-02	3.68E-04	4.99E-03	1.49E-01	8.78E-03	0.00E+00	2.75E-01	6.40E-03	1.85E-01	7.75E-02	3.93E-02	9.63E-03
112	369251	3758017	Residence	7.81E+00	7.96E+00	5.56E-01	4.37E-04	1.60E-01	1.61E-02	2.74E-02	1.12E-04	1.12E+00	1.96E-02	2.72E-04	3.73E-03	1.12E-01	6.57E-03	0.00E+00	2.06E-01	4.79E-03	1.38E-01	5.80E-02	2.94E-02	7.21E-03
113	369344	3758083	Residence	6.36E+00	6.48E+00	4.52E-01	3.56E-04	1.30E-01	1.31E-02	2.23E-02	9.61E-05	9.08E-01	1.61E-02	2.33E-04	3.04E-03	9.09E-02	5.35E-03	0.00E+00	1.68E-01	3.90E-03	1.13E-01	4.72E-02	2.39E-02	5.87E-03
114	369437	3758148	Residence	5.07E+00	5.17E+00	3.60E-01	2.84E-04	1.04E-01	1.05E-02	1.78E-02	7.62E-05	7.24E-01	1.28E-02	1.85E-04	2.43E-03	7.24E-02	4.26E-03	0.00E+00	1.34E-01	3.10E-03	9.00E-02	3.76E-02	1.91E-02	4.67E-03
115	369429	3758218	Residence	5.01E+00	5.11E+00	3.57E-01	2.82E-04	1.03E-01	1.04E-02	1.76E-02	6.72E-05	7.17E-01	1.25E-02	1.63E-04	2.39E-03	7.17E-02	4.22E-03	0.00E+00	1.32E-01	3.08E-03	8.86E-02	3.73E-02	1.89E-02	4.63E-03
116	369432	3758306	Residence	5.08E+00	5.18E+00	3.63E-01	2.86E-04	1.04E-01	1.05E-02	1.77E-02	5.59E-05	7.28E-01	1.24E-02	1.35E-04	2.41E-03	7.28E-02	4.29E-03	0.00E+00	1.34E-01	3.12E-03	8.90E-02	3.78E-02	1.92E-02	4.70E-03
117	369435	3758395	Residence	5.11E+00	5.21E+00	3.65E-01	2.88E-04	1.05E-01	1.06E-02	1.78E-02	5.49E-05	7.33E-01	1.24E-02	1.33E-04	2.43E-03	7.33E-02	4.32E-03	0.00E+00	1.35E-01	3.14E-03	8.95E-02	3.81E-02	1.93E-02	4.73E-03
118	369460	3758419	Residence	5.38E+00	5.48E+00	3.84E-01	3.03E-04	1.10E-01	1.11E-02	1.88E-02	5.86E-05	7.71E-01	1.31E-02	1.42E-04	2.55E-03	7.71E-02	4.54E-03	0.00E+00	1.42E-01	3.31E-03	9.42E-02	4.00E-02	2.03E-02	4.97E-03
119	369558	3758419	Residence	6.39E+00	6.51E+00	4.56E-01	3.59E-04	1.31E-01	1.32E-02	2.23E-02	7.31E-05	9.16E-01	1.56E-02	1.77E-04	3.04E-03	9.16E-02	5.39E-03	0.00E+00	1.69E-01	3.93E-03	1.12E-01	4.76E-02	2.41E-02	5.91E-03
120	369657	3758419	Residence	7.30E+00	7.44E+00	5.20E-01	4.10E-04	1.49E-01	1.51E-02	2.55E-02	8.75E-05	1.05E+00	1.80E-02	2.12E-04	3.47E-03	1.05E-01	6.15E-03	0.00E+00	1.93E-01	4.48E-03	1.28E-01	5.43E-02	2.75E-02	6.74E-03
121	369755	3758419	Residence	8.00E+00	8.16E+00	5.70E-01	4.49E-04	1.64E-01	1.65E-02	2.80E-02	1.01E-04	1.15E+00	1.98E-02	2.44E-04	3.81E-03	1.15E-01	6.74E-03	0.00E+00	2.12E-01	4.91E-03	1.41E-01	5.95E-02	3.02E-02	7.39E-03
122	369853	3758419	Residence	8.40E+00	8.56E+00	5.98E-01	4.71E-04	1.72E-01	1.74E-02	2.94E-02	1.10E-04	1.20E+00	2.09E-02	2.68E-04	4.00E-03	1.20E-01	7.07E-03	0.00E+00	2.22E-01	5.15E-03	1.48E-01	6.24E-02	3.17E-02	7.76E-03
123	369878	3758394	Residence	8.59E+00	8.76E+00	6.12E-01	4.82E-04	1.76E-01	1.78E-02	3.01E-02	1.14E-04	1.23E+00	2.14E-02	2.76E-04	4.10E-03	1.23E-01	7.24E-03	0.00E+00	2.27E-01	5.27E-03	1.52E-01	6.39E-02	3.24E-02	7.94E-03
124	369877	3758289	Residence	9.28E+00	9.46E+00	6.61E-01	5.21E-04	1.90E-01	1.92E-02	3.25E-02	1.22E-04	1.33E+00	2.31E-02	2.96E-04	4.43E-03	1.33E-01	7.82E-03	0.00E+00	2.45E-01	5.69E-03	1.64E-01	6.90E-02	3.50E-02	8.57E-03
125	369876	3758183	Residence	1.00E+01	1.02E+01	7.16E-01	5.64E-04	2.06E-01	2.08E-02	3.51E-02	1.31E-04	1.44E+00	2.49E-02	3.17E-04	4.79E-03	1.44E-01	8.47E-03	0.00E+00	2.66E-01	6.17E-03	1.77E-01	7.47E-02	3.79E-02	9.28E-03
126	369962	3758103	Residence	1.09E+01	1.12E+01	7.79E-01	6.13E-04	2.24E-01	2.26E-02	3.83E-02	1.48E-04	1.56E+00	2.73E-02	3.59E-04	5.22E-03	1.57E-01	9.21E-03	0.00E+00	2.89E-01	6.71E-03	1.93E-01	8.13E-02	4.12E-02	1.01E-02
127	370075	3758103	Residence	1.05E+01	1.07E+01	7.49E-01	5.90E-04	2.15E-01	2.17E-02	3.69E-02	1.52E-04	1.51E+00	2.65E-02	3.68E-04	5.03E-03	1.51E-01	8.86E-03	0.00E+00	2.78E-01	6.45E-03	1.87E-01	7.82E-02	3.97E-02	9.72E-03
128	370187	3758103	Residence	9.35E+00	9.53E+00	6.65E-01	5.23E-04	1.91E-01	1.93E-02	3.28E-02	1.43E-04	1.34E+00	2.37E-02	3.47E-04	4.48E-03	1.34E-01	7.86E-03	0.00E+00	2.47E-01	5.73E-03	1.66E-01	6.94E-02	3.52E-02	8.63E-03
129	370299	3758103	Residence	7.63E+00	7.78E+00	5.43E-01	4.27E-04	1.56E-01	1.57E-02	2.68E-02	1.23E-04	1.09E+00	1.95E-02	2.98E-04	3.66E-03	1.09E-01	6.42E-03	0.00E+00	2.01E-01	4.67E-03	1.36E-01	5.66E-02	2.87E-02	7.04E-03
136	370506	3758113	Residence	4.26E+00	4.34E+00	3.03E-01	2.38E-04	8.69E-02	8.78E-03	1.50E-02	7.15E-05	6.08E-01	1.09E-02	1.73E-04	2.05E-03	6.08E-02	3.58E-03	0.00E+00	1.12E-01	2.61E-03	7.61E-02	3.16E-02	1.60E-02	3.93E-03
137	370601	3758113	Residence	4.47E+00	4.56E+00	3.19E-01	2.51E-04	9.15E-02	9.25E-03	1.57E-02	5.90E-05	6.40E-01	1.11E-02	1.43E-04	2.13E-03	6.40E-02	3.77E-03	0.00E+00	1.18E-01	2.75E-03	7.90E-02	3.33E-02	1.69E-02	4.13E-03
138	370696	3758114	Residence	4.53E+00	4.62E+00	3.23E-01	2.54E-04	9.27E-02	9.37E-03	1.59E-02	6.17E-05	6.48E-01	1.13E-02	1.50E-04	2.16E-03	6.49E-02	3.82E-03	0.00E+00	1.20E-01	2.78E-03	8.01E-02	3.37E-02	1.71E-02	4.19E-03
139	370791	3758114	Residence	4.43E+00	4.52E+00	3.15E-01	2.48E-04	9.06E-02	9.15E-03	1.55E-02	6.19E-05	6.33E-01	1.11E-02	1.50E-04	2.12E-03	6.34E-02	3.73E-03	0.00E+00	1.17E-01	2.72E-03	7.84E-02	3.29E-02	1.67E-02	4.09E-03
140	370886	3758114	Residence	4.18E+00	4.27E+00	2.98E-01	2.34E-04	8.55E-02	8.64E-03	1.47E-02	5.99E-05	5.98E-01	1.05E-02	1.45E-04	2.00E-03	5.98E-02	3.52E-03	0.00E+00	1.10E-01	2.57E-03	7.41E-02	3.11E-02	1.58E-02	3.86E-03
154	371170	3757732	Residence	1.03E+01	1.05E+01	7.35E-01	5.79E-04	2.11E-01	2.13E-02	3.61E-02	1.40E-04	1.48E+00	2.58E-02	3.40E-04	4.93E-03	1.48E-01	8.69E-03	0.00E+00	2.73E-01	6.33E-03	1.82E-01	7.67E-02	3.89E-02	9.53E-03
155	371240	3757783	Residence	9.70E+00	9.90E+00	6.91E-01	5.44E-04	1.99E-01	2.01E-02	3.40E-02	1.33E-04	1.39E+00	2.42E-02	3.21E-04	4.63E-03	1.39E-01	8.17E-03	0.00E+00	2.56E-01	5.95E-03	1.72E-01	7.21E-02	3.66E-02	8.96E-03
156	371264	3757808	Residence	9.43E+00	9.61E+00	6.72E-01	5.29E-04	1.93E-01	1.95E-02	3.30E-02	1.29E-04	1.35E+00	2.35E-02	3.12E-04	4.50E-03	1.35E-01	7.94E-03	0.00E+00	2.49E-01	5.78E-03	1.67E-01	7.01E-02	3.55E-02	8.71E-03
157	371372	3757807	Residence	9.21E+00	9.40E+00	6.56E-01	5.16E-04	1.88E-01	1.90E-02	3.23E-02	1.28E-04	1.32E+00	2.31E-02	3.11E-04	4.40E-03	1.32E-01	7.76E-03	0.00E+00	2.43E-01	5.65E-03	1.63E-01	6.85E-02	3.47E-02	8.51E-03
158	371385	3757827	Residence	9.03E+00	9.21E+00	6.43E-01	5.06E-04	1.85E-01	1.87E-02	3.16E-02	1.25E-04	1.29E+00	2.26E-02	3.04E-04	4.31E-03	1.29E-01	7.61E-03	0.00E+00	2.39E-01	5.54E-03	1.60E-01	6.71E-02	3.41E-02	8.34E-03
159	371485	3757895	Residence	8.27E+00	8.44E+00	5.89E-01	4.64E-04	1.69E-01	1.71E-02	2.90E-02	1.15E-04	1.18E+00	2.07E-02	2.79E-04	3.95E-03	1.18E-01	6.97E-03	0.00E+00	2.19E-01	5.08E-03	1.46E-01	6.15E-02	3.12E-02	7.64E-03
160	371585	3757964	Residence	7.61E+00	7.76E+00	5.42E-01	4.26E-04	1.56E-01	1.57E-02	2.66E-02	1.06E-04	1.09E+00	1.90E-02	2.57E-04	3.63E-03	1.09E-01	6.41E-03	0.00E+00	2.01E-01	4.67E-03	1.35E-01	5.65E-02	2.87E-02	7.02E-03
161	371684	3758032	Residence	7.01E+00	7.15E+00	4.99E-01	3.93E-04	1.43E-01	1.45E-02	2.46E-02	9.76E-05	1.00E+00	1.75E-02	2.37E-04	3.35E-03	1.00E-01	5.91E-03	0.00E+00	1.85E-01	4.30E-03	1.24E-01	5.21E-02	2.64E-02	6.48E-03
162	371784	3758101	Residence	6.48E+00	6.61E+00	4.62E-01	3.63E-04	1.33E-01	1.34E-02	2.27E-02	9.02E-05	9.27E-01	1.62E-02	2.19E-04	3.10E-03	9.28E-02	5.46E-03	0.00E+00	1.71E-01	3.98E-03	1.15E-01	4.82E-02	2.44E-02	5.99E-03
163	371818	3758095	Residence	6.38E+00	6.50E+00	4.54E-01	3.57E-04	1.30E-01	1.32E-02	2.23E-02	8.90E-05	9.12E-01	1.60E-02	2.16E-04	3.05E-03	9.12E-02	5.37E-03	0.00E+00	1.68E-01	3.91E-03	1.13E-01	4.74E-02	2.40E-02	5.89E-03
164	371873	3758022	Residence	6.50E+00	6.63E+00	4.63E-01	3.64E-04	1.33E-01	1.34E-02	2.28E-02	8.87E-05	9.30E-01	1.62E-02	2.15E-04	3.10E-03	9.30E-02	5.48E-03	0.00E+00	1.72E-01	3.99E-03	1.15E-01	4.83E-02	2.45E-02	6.00E-03
165	371928	3757949	Residence	6.69E+00	6.83E+00	4.77E-01	3.75E-04	1.37E-01	1.38E-02	2.34E-02	9.26E-05	9.58E-01	1.67E-02	2.24E-04	3.20E-03	9.58E-02	5.64E-03	0.00E+00	1.77E-01	4.11E-03	1.18E-01	4.97E-02	2.52E-02	6.18E-03
166	371969	3757946	Residence	6.57E+00	6.70E+00	4.68E-01	3.68E-04	1.34E-01	1.36E-02	2.30E-02	9.12E-05	9.41E-01	1.64E-02	2.21E-04	3.14E-03	9.41E-02	5.54E-03	0.00E+00	1.74E-01	4.03E-03	1.16E-01	4.89E-02	2.48E-02	6.07E-03
167	371989	3757924	Residence	6.56E+00	6.69E+00	4.67E-01	3.67E-04	1.34E-01	1.36E-02	2.30E-02	9.12E-05	9.38E-01	1.64E-02	2.21E-04	3.13E-03	9.39E-02	5.52E-03	0.00E+00	1.73E-01	4.02E-03	1.16E-01	4.87E-02	2.47E-02	6.06E-03
295	370737	3755244	Residence	4.59E+00	4.68E+00	3.27E-01	2.58E-04	9.39E-02	9.49E-03	1.60E-02	5.67E-05	6.57E-01	1.13E-02	1.37E-04	2.18E-03	6.57E-02	3.87E-03	0.00E+00	1.21E-01	2.82E-03	8.07E-02	3.41E-02	1.73E-02	4.24E-03
296	370669	3755237	Residence	4.31E+00	4.40E+00	3.07E-01	2.42E-04	8.82E-02	8.92E-03	1.51E-02	5.64E-05	6.17E-01	1.07E-02	1.37E-04	2.06E-03	6.17E-02	3.63E-03	0.00E+00	1.14E-01	2.65E-03	7.61E-02	3.21E-02	1.63E-02	3.98E-03
297	370571	3755237	Residence	4.42E+00	4.51E+00	3.15E-01	2.47E-04	9.04E-02	9.13E-03	1.55E-02	6.88E-05	6.32E-01	1.12E-02	1.67E-04	2.12E-03	6.32E-02	3.72E-03	0.00E+00	1.17E-01	2.71E-03	7.87E-02	3.28E-02	1.67E-02	4.08E-03
298	370476	3755238	Residence	5.28E+00	5.39E+00	3.76E-01	2.96E-04	1.08E-01	1.09E-02	1.85E-02	7.90E-05	7.55E-01	1.33E-02	1.92E-04	2.53E-03	7.56E-02	4.45E-03	0.00E+00	1.39E-01	3.24E-03	9.38E-02	3.92E-02	1.99E-02	4.88E-03
299	370380	3755238	Residence	5.98E+00	6.09E+00	4.26E-01	3.35E-04	1.22E-01	1.23E-02	2.10E-02	8.60E-05	8.55E-01	1.50E-02	2.09E-04	2.86E-03	8.55E-02	5.03E-03	0.00E+00	1.58E-01	3.66E-03	1.06E-01	4.44E-02	2.25E-02	5.52E-03
300	370279	3755239	Residence	6.44E+00	6.57E+00	4.59E-01	3.61E-04	1.32E-01	1.33E-02	2.26E-02	8.83E-05	9.22E-01	1.61E-02	2.14E-04	3.08E-03	9.22E-02	5.43E-03	0.00E+00	1.70E-01	3.95E-03	1.14E-01	4.79E-02	2.43E-02	5.95E-03
301	370177	3755240	Residence	6.91E+00	7.04E+00	4.91E-01	3.86E-04	1.41E-01	1.43E-02	2.43E-02	1.08E-04	9.87E-01	1.75E-02	2.61E-04	3.31E-03	9.87E-02	5.81E-03	0.00E+00	1.82E-01	4.23E-03	1.23E-01	5.13E-02	2.60E-02	6.37E-03
302	370076	3755240	Residence	8.31E+00	8.47E+00	5.91E-01	4.65E-04	1.70E-01	1.71E-02	2.91E-02	1.23E-04	1.19E+00	2.09E-02	2.99E-04	3.98E-03	1.19E-01	6.99E-03	0.00E+00	2.19E-01	5.09E-03	1.47E-01	6.17E-02	3.13E-02	7.67E-03
303	369979	3755241	Residence	9.28E+00	9.47E+00	6.61E-01	5.20E-04	1.90E-01	1.92E-02	3.25E-02	1.31E-04	1.33E+00	2.33E-02	3.18E-04	4.44E-03	1.33E-01	7.82E-03	0.00E+00	2.45E-01	5.69E-03	1.64E-01	6.90E-02	3.50E-02	8.57E-03
304	369883	3755241	Residence	9.76E+00	9.96E+00	6.96E-01	5.48E-04	2.00E-01	2.02E-02	3.42E-02	1.31E-04	1.40E+00	2.43E-02	3.18E-04	4.66E-03	1.40E-01	8.22E-03	0.00E+00	2.58E-01	5.99E-03	1.72E-01	7.26E-02	3.68E-02	9.02E-03
306	369690	3755242	Residence	1.14E+01	1.16E+01	8.09E-01	6.36E-04	2.32E-01	2.35E-02	3.99E-02	1.74E-04	1.62E+00	2.88E-02	4.21E-04	5.44E-03	1.62E-01	9.56E-03	0.00E+00	3.00E-01	6.96E-03	2.02E-01	8.44E-02	4.28E-02	1.05E-02
307	369594	3755243	Residence	1.33E+01	1.36E+01	9.47E-01	7.45E-04	2.72E-01	2.75E-02	4.67E-02	1.94E-04	1.90E+00	3.35E-02	4.69E-04	6.36E-03	1.90E-01	1.12E-02	0.00E+00	3.51E-01	8.16E-03	2.36E-01	9.88E-02	5.01E-02	1.23E-02
308	369498	3755243	Residence	1.46E+01	1.49E+01	1.04E+00	8.17E-04	2.98E-01	3.01E-02	5.11E-02	2.03E-04	2.09E+00	3.65E-02	4.91E-04	6.97E-03	2.09E-01	1.23E-02	0.00E+00	3.85E-01	8.95E-03	2.58E-01	1.08E-01	5.50E-02	1.35E-02
309	369396	3755244	Residence	1.51E+01	1.54E+01	1.08E+00	8.47E-04	3.09E-01	3.12E-02	5.29E-02	2.00E-04	2.16E+00	3.76E-02	4.85E-04	7.21E-03	2.16E-01	1.27E-02	0.00E+00	4.00E-01	9.28E-03	2.67E-01	1.12E-01	5.70E-02	1.40E-02
310	369295	3755244	Residence	1.48E+01	1.51E+01	1.06E+00	8.31E-04	3.03E-01	3.06E-02	5.18E-02	1.88E-04	2.12E+00	3.67E-02	4.55E-04	7.06E-03	2.12E-01	1.25E-02	0.00E+00	3.92E-01	9.09E-03	2.61E-01	1.10E-01	5.59E-02	1.37E-02
311	369193	3755245	Residence	1.38E+01	1.41E+01	9.85E-01	7.75E-04	2.83E-01	2.86E-02	4.83E-02	1.78E-04	1.98E+00	3.43E-02	4.31E-04	6.59E-03	1.98E-01	1.16E-02	0.00E+00	3.65E-01	8.48E-03	2.44E-01	1.03E-01	5.21E-02	1.28E-02
312	369092	3755245	Residence	1.34E+01	1.36E+01	9.54E-01	7.50E-04	2.74E-01	2.77E-02	4.68E-02	1.76E-04	1.92E+00	3.33E-02	4.26E-04	6.38E-03	1.92E-01	1.13E-02	0.00E+00	3.54E-01	8.21E-03	2.36E-01	9.95E-02	5.05E-02	1.24E-02
313	368991	3755246	Residence	1.32E+01	1.34E+01	9.38E-01	7.38E-04	2.69E-01	2.72E-02	4.60E-02	1.68E-04	1.88E+00	3.26E-02	4.06E-04	6.27E-03	1.88E-01	1.11E-02	0.00E+00	3.48E-01	8.07E-03	2.32E-01	9.78E-02	4.96E-02	1.22E-02
314	368889	3755247	Residence	1.25E+01	1.27E+01	8.88E-01	6.99E-04	2.55E-01	2.58E-02	4.36E-02	1.55E-04	1.78E+00	3.08E-02	3.75E-04	5.93E-03	1.78E-01	1.05E-02	0.00E+00	3.30E-01	7.65E-03	2.19E-01	9.27E-02	4.70E-02	1.15E-02
315	368782	3755247	Residence	1.14E+01	1.16E+01	8.12E-01	6.39E-04	2.33E-01	2.36E-02	3.98E-02	1.38E-04	1.63E+00	2.80E-02	3.35E-04	5.42E-03	1.63E-01	9.60E-03	0.00E+00	3.01E-01	6.99E-03	2.00E-01	8.47E-02	4.30E-02	1.05E-02
316	368676	3755248	Residence	1.01E+01	1.03E+01	7.20E-01	5.67E-04	2.07E-01	2.09E-02	3.53E-02	1.20E-04	1.45E+00	2.48E-02	2.90E-04	4.81E-03	1.45E-01	8.52E-03	0.00E+00	2.67E-01	6.20E-03	1.77E-01	7.52E-02	3.81E-02	9.33E-03
317	368569	3755248	Residence	8.74E+00	8.91E+00	6.23E-01	4.91E-04	1.79E-01	1.81E-02	3.05E-02	1.02E-04	1.25E+00	2.14E-02	2.47E-04	4.16E-03	1.25E-01	7.37E-03	0.00E+00	2.31E-01	5.37E-03	1.53E-01	6.50E-02	3.30E-02	8.07E-03
318	368471	3755249	Residence	7.50E+00	7.64E+00	5.35E-01	4.22E-04	1.54E-01	1.55E-02	2.62E-02	8.63E-05	1.07E+00	1.84E-02	2.09E-04	3.56E-03	1.07E-01	6.32E-03	0.00E+00	1.98E-01	4.61E-03	1.32E-01	5.58E-02	2.83E-02	6.93E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
319	368373	3755249	Residence	6.41E+00	6.54E+00	4.57E-01	3.60E-04	1.31E-01	1.33E-02	2.24E-02	8.54E-05	9.18E-01	1.60E-02	2.07E-04	3.06E-03	9.18E-02	5.40E-03	0.00E+00	1.70E-01	3.94E-03	1.13E-01	4.77E-02	2.42E-02	5.92E-03
320	368275	3755250	Residence	6.59E+00	6.72E+00	4.70E-01	3.69E-04	1.35E-01	1.36E-02	2.31E-02	8.69E-05	9.43E-01	1.64E-02	2.11E-04	3.14E-03	9.43E-02	5.55E-03	0.00E+00	1.74E-01	4.04E-03	1.16E-01	4.90E-02	2.49E-02	6.09E-03
321	368167	3755230	Residence	6.53E+00	6.66E+00	4.65E-01	3.66E-04	1.34E-01	1.35E-02	2.28E-02	8.55E-05	9.34E-01	1.62E-02	2.07E-04	3.11E-03	9.34E-02	5.50E-03	0.00E+00	1.73E-01	4.01E-03	1.15E-01	4.85E-02	2.46E-02	6.03E-03
322	368054	3755209	Residence	6.42E+00	6.55E+00	4.58E-01	3.60E-04	1.31E-01	1.33E-02	2.25E-02	8.36E-05	9.19E-01	1.59E-02	2.03E-04	3.06E-03	9.19E-02	5.41E-03	0.00E+00	1.70E-01	3.94E-03	1.13E-01	4.77E-02	2.42E-02	5.93E-03
323	367941	3755189	Residence	6.27E+00	6.39E+00	4.47E-01	3.51E-04	1.28E-01	1.30E-02	2.19E-02	8.12E-05	8.97E-01	1.56E-02	1.97E-04	2.99E-03	8.98E-02	5.28E-03	0.00E+00	1.66E-01	3.85E-03	1.11E-01	4.66E-02	2.37E-02	5.79E-03
324	367824	3755185	Residence	6.15E+00	6.27E+00	4.38E-01	3.45E-04	1.26E-01	1.27E-02	2.15E-02	7.91E-05	8.81E-01	1.52E-02	1.92E-04	2.93E-03	8.81E-02	5.18E-03	0.00E+00	1.63E-01	3.78E-03	1.08E-01	4.57E-02	2.32E-02	5.68E-03
325	367711	3755181	Residence	5.99E+00	6.11E+00	4.27E-01	3.36E-04	1.23E-01	1.24E-02	2.09E-02	7.67E-05	8.57E-01	1.48E-02	1.86E-04	2.85E-03	8.57E-02	5.05E-03	0.00E+00	1.58E-01	3.68E-03	1.06E-01	4.45E-02	2.26E-02	5.53E-03
326	367598	3755178	Residence	5.78E+00	5.89E+00	4.12E-01	3.24E-04	1.18E-01	1.19E-02	2.02E-02	7.37E-05	8.27E-01	1.43E-02	1.79E-04	2.75E-03	8.27E-02	4.87E-03	0.00E+00	1.53E-01	3.55E-03	1.02E-01	4.30E-02	2.18E-02	5.34E-03
327	367484	3755174	Residence	5.54E+00	5.65E+00	3.95E-01	3.11E-04	1.13E-01	1.15E-02	1.94E-02	7.04E-05	7.93E-01	1.37E-02	1.71E-04	2.64E-03	7.94E-02	4.67E-03	0.00E+00	1.47E-01	3.40E-03	9.76E-02	4.12E-02	2.09E-02	5.12E-03
328	367461	3755189	Residence	5.50E+00	5.61E+00	3.92E-01	3.08E-04	1.13E-01	1.14E-02	1.92E-02	6.98E-05	7.88E-01	1.36E-02	1.69E-04	2.62E-03	7.88E-02	4.64E-03	0.00E+00	1.45E-01	3.38E-03	9.69E-02	4.09E-02	2.08E-02	5.08E-03
329	367415	3755295	Residence	5.38E+00	5.49E+00	3.84E-01	3.02E-04	1.10E-01	1.11E-02	1.88E-02	6.77E-05	7.71E-01	1.33E-02	1.64E-04	2.56E-03	7.71E-02	4.54E-03	0.00E+00	1.42E-01	3.30E-03	9.48E-02	4.00E-02	2.03E-02	4.97E-03
330	367369	3755401	Residence	5.07E+00	5.17E+00	3.61E-01	2.84E-04	1.04E-01	1.05E-02	1.77E-02	6.32E-05	7.25E-01	1.25E-02	1.53E-04	2.41E-03	7.26E-02	4.27E-03	0.00E+00	1.34E-01	3.11E-03	8.92E-02	3.77E-02	1.91E-02	4.68E-03
331	367324	3755507	Residence	5.13E+00	5.23E+00	3.66E-01	2.88E-04	1.05E-01	1.06E-02	1.79E-02	6.60E-05	7.34E-01	1.27E-02	1.60E-04	2.44E-03	7.34E-02	4.32E-03	0.00E+00	1.36E-01	3.15E-03	9.04E-02	3.81E-02	1.94E-02	4.74E-03
332	367484	3755199	Residence	5.56E+00	5.67E+00	3.97E-01	3.12E-04	1.14E-01	1.15E-02	1.95E-02	7.06E-05	7.96E-01	1.38E-02	1.71E-04	2.65E-03	7.97E-02	4.69E-03	0.00E+00	1.47E-01	3.42E-03	9.80E-02	4.14E-02	2.10E-02	5.14E-03
333	367301	3755623	Residence	5.66E+00	5.77E+00	4.03E-01	3.17E-04	1.16E-01	1.17E-02	1.98E-02	7.24E-05	8.10E-01	1.40E-02	1.75E-04	2.70E-03	8.10E-02	4.77E-03	0.00E+00	1.50E-01	3.47E-03	9.97E-02	4.21E-02	2.13E-02	5.23E-03
334	367114	3756056	Residence	6.45E+00	6.58E+00	4.60E-01	3.62E-04	1.32E-01	1.33E-02	2.26E-02	8.17E-05	9.24E-01	1.60E-02	1.98E-04	3.07E-03	9.24E-02	5.44E-03	0.00E+00	1.71E-01	3.96E-03	1.14E-01	4.80E-02	2.43E-02	5.96E-03
335	366985	3756358	Residence	6.15E+00	6.27E+00	4.38E-01	3.44E-04	1.26E-01	1.27E-02	2.15E-02	7.77E-05	8.80E-01	1.52E-02	1.88E-04	2.93E-03	8.80E-02	5.18E-03	0.00E+00	1.63E-01	3.77E-03	1.08E-01	4.57E-02	2.32E-02	5.68E-03
336	366853	3756663	Residence	5.62E+00	5.73E+00	4.00E-01	3.15E-04	1.15E-01	1.16E-02	1.96E-02	7.09E-05	8.04E-01	1.39E-02	1.72E-04	2.67E-03	8.04E-02	4.73E-03	0.00E+00	1.49E-01	3.45E-03	9.89E-02	4.18E-02	2.12E-02	5.19E-03
337	366902	3756692	Residence	5.79E+00	5.91E+00	4.13E-01	3.25E-04	1.19E-01	1.20E-02	2.03E-02	7.31E-05	8.29E-01	1.43E-02	1.77E-04	2.76E-03	8.30E-02	4.88E-03	0.00E+00	1.53E-01	3.56E-03	1.02E-01	4.31E-02	2.19E-02	5.35E-03
338	366876	3756760	Residence	5.78E+00	5.90E+00	4.12E-01	3.24E-04	1.18E-01	1.20E-02	2.02E-02	7.33E-05	8.28E-01	1.43E-02	1.78E-04	2.75E-03	8.28E-02	4.87E-03	0.00E+00	1.53E-01	3.55E-03	1.02E-01	4.30E-02	2.18E-02	5.34E-03
339	366813	3756739	Residence	5.63E+00	5.74E+00	4.01E-01	3.15E-04	1.15E-01	1.16E-02	1.97E-02	7.13E-05	8.06E-01	1.39E-02	1.73E-04	2.68E-03	8.06E-02	4.74E-03	0.00E+00	1.49E-01	3.45E-03	9.91E-02	4.18E-02	2.12E-02	5.20E-03
340	366677	3757025	Residence	5.00E+00	5.10E+00	3.57E-01	2.81E-04	1.02E-01	1.03E-02	1.75E-02	6.45E-05	7.16E-01	1.24E-02	1.56E-04	2.39E-03	7.17E-02	4.22E-03	0.00E+00	1.32E-01	3.07E-03	8.82E-02	3.72E-02	1.89E-02	4.62E-03
341	366536	3757322	Residence	3.66E+00	3.73E+00	2.61E-01	2.05E-04	7.48E-02	7.56E-03	1.28E-02	4.83E-05	5.23E-01	9.09E-03	1.17E-04	1.74E-03	5.23E-02	3.08E-03	0.00E+00	9.66E-02	2.24E-03	6.45E-02	2.72E-02	1.38E-02	3.38E-03
342	366437	3757531	Residence	3.55E+00	3.62E+00	2.53E-01	1.99E-04	7.27E-02	7.34E-03	1.24E-02	4.49E-05	5.08E-01	8.78E-03	1.09E-04	1.69E-03	5.08E-02	2.99E-03	0.00E+00	9.39E-02	2.18E-03	6.25E-02	2.64E-02	1.34E-02	3.28E-03
343	366487	3757537	Residence	3.63E+00	3.70E+00	2.59E-01	2.03E-04	7.43E-02	7.50E-03	1.27E-02	4.59E-05	5.19E-01	8.98E-03	1.11E-04	1.73E-03	5.20E-02	3.06E-03	0.00E+00	9.59E-02	2.23E-03	6.39E-02	2.70E-02	1.37E-02	3.35E-03
344	366624	3757468	Residence	3.79E+00	3.87E+00	2.70E-01	2.13E-04	7.77E-02	7.85E-03	1.33E-02	4.79E-05	5.43E-01	9.38E-03	1.16E-04	1.81E-03	5.43E-02	3.20E-03	0.00E+00	1.00E-01	2.33E-03	6.68E-02	2.82E-02	1.43E-02	3.50E-03
345	366644	3757531	Residence	3.87E+00	3.94E+00	2.76E-01	2.17E-04	7.92E-02	8.00E-03	1.35E-02	4.90E-05	5.54E-01	9.57E-03	1.19E-04	1.84E-03	5.54E-02	3.26E-03	0.00E+00	1.02E-01	2.37E-03	6.81E-02	2.88E-02	1.46E-02	3.57E-03
346	366777	3757520	Residence	4.09E+00	4.17E+00	2.91E-01	2.29E-04	8.36E-02	8.45E-03	1.43E-02	5.19E-05	5.85E-01	1.01E-02	1.26E-04	1.95E-03	5.85E-02	3.44E-03	0.00E+00	1.08E-01	2.51E-03	7.20E-02	3.04E-02	1.54E-02	3.77E-03
347	366999	3757642	Residence	4.36E+00	4.44E+00	3.11E-01	2.44E-04	8.92E-02	9.01E-03	1.52E-02	5.60E-05	6.24E-01	1.08E-02	1.36E-04	2.08E-03	6.24E-02	3.67E-03	0.00E+00	1.15E-01	2.67E-03	7.68E-02	3.24E-02	1.64E-02	4.02E-03
348	367174	3757740	Residence	4.33E+00	4.42E+00	3.09E-01	2.43E-04	8.86E-02	8.96E-03	1.52E-02	5.67E-05	6.20E-01	1.08E-02	1.37E-04	2.07E-03	6.20E-02	3.65E-03	0.00E+00	1.15E-01	2.66E-03	7.64E-02	3.22E-02	1.63E-02	4.00E-03
349	367291	3757694	Residence	4.59E+00	4.68E+00	3.27E-01	2.57E-04	9.39E-02	9.48E-03	1.60E-02	5.99E-05	6.57E-01	1.14E-02	1.45E-04	2.19E-03	6.57E-02	3.87E-03	0.00E+00	1.21E-01	2.82E-03	8.09E-02	3.41E-02	1.73E-02	4.24E-03
350	367413	3757695	Residence	4.70E+00	4.80E+00	3.35E-01	2.64E-04	9.63E-02	9.73E-03	1.65E-02	6.17E-05	6.73E-01	1.17E-02	1.50E-04	2.24E-03	6.74E-02	3.96E-03	0.00E+00	1.24E-01	2.89E-03	8.30E-02	3.50E-02	1.77E-02	4.35E-03
351	367410	3757736	Residence	4.52E+00	4.61E+00	3.22E-01	2.54E-04	9.26E-02	9.35E-03	1.58E-02	5.97E-05	6.47E-01	1.12E-02	1.45E-04	2.16E-03	6.48E-02	3.81E-03	0.00E+00	1.20E-01	2.78E-03	7.98E-02	3.36E-02	1.71E-02	4.18E-03
352	367518	3757796	Residence	4.27E+00	4.36E+00	3.05E-01	2.40E-04	8.75E-02	8.84E-03	1.50E-02	5.72E-05	6.12E-01	1.06E-02	1.39E-04	2.04E-03	6.12E-02	3.60E-03	0.00E+00	1.13E-01	2.62E-03	7.55E-02	3.18E-02	1.61E-02	3.95E-03
353	367539	3757802	Residence	4.24E+00	4.33E+00	3.02E-01	2.38E-04	8.68E-02	8.77E-03	1.49E-02	5.69E-05	6.07E-01	1.06E-02	1.38E-04	2.02E-03	6.07E-02	3.57E-03	0.00E+00	1.12E-01	2.60E-03	7.50E-02	3.15E-02	1.60E-02	3.92E-03
354	367609	3757677	Residence	4.93E+00	5.03E+00	3.51E-01	2.76E-04	1.01E-01	1.02E-02	1.73E-02	6.51E-05	7.06E-01	1.23E-02	1.58E-04	2.35E-03	7.06E-02	4.16E-03	0.00E+00	1.30E-01	3.03E-03	8.71E-02	3.67E-02	1.86E-02	4.56E-03
355	367769	3757644	Residence	5.21E+00	5.32E+00	3.72E-01	2.92E-04	1.07E-01	1.08E-02	1.82E-02	6.92E-05	7.46E-01	1.30E-02	1.68E-04	2.49E-03	7.46E-02	4.39E-03	0.00E+00	1.38E-01	3.20E-03	9.20E-02	3.88E-02	1.97E-02	4.82E-03
356	367775	3757719	Residence	4.74E+00	4.84E+00	3.38E-01	2.66E-04	9.71E-02	9.81E-03	1.66E-02	6.37E-05	6.79E-01	1.18E-02	1.54E-04	2.26E-03	6.79E-02	4.00E-03	0.00E+00	1.25E-01	2.91E-03	8.38E-02	3.53E-02	1.79E-02	4.38E-03
357	367809	3757835	Residence	3.95E+00	4.03E+00	2.81E-01	2.21E-04	8.07E-02	8.16E-03	1.38E-02	5.43E-05	5.65E-01	9.86E-03	1.32E-04	1.89E-03	5.65E-02	3.33E-03	0.00E+00	1.04E-01	2.42E-03	6.98E-02	2.93E-02	1.49E-02	3.65E-03
358	367807	3757936	Residence	3.27E+00	3.34E+00	2.33E-01	1.84E-04	6.69E-02	6.76E-03	1.15E-02	4.58E-05	4.68E-01	8.20E-03	1.11E-04	1.56E-03	4.68E-02	2.76E-03	0.00E+00	8.65E-02	2.01E-03	5.79E-02	2.43E-02	1.23E-02	3.02E-03
359	367775	3757959	Residence	3.16E+00	3.23E+00	2.25E-01	1.77E-04	6.47E-02	6.54E-03	1.11E-02	4.44E-05	4.52E-01	7.92E-03	1.08E-04	1.51E-03	4.53E-02	2.66E-03	0.00E+00	8.36E-02	1.94E-03	5.60E-02	2.35E-02	1.19E-02	2.92E-03
360	367798	3758011	Residence	2.81E+00	2.86E+00	2.00E-01	1.57E-04	5.74E-02	5.80E-03	9.84E-03	3.99E-05	4.01E-01	7.04E-03	9.66E-05	1.34E-03	4.02E-02	2.36E-03	0.00E+00	7.42E-02	1.72E-03	4.97E-02	2.09E-02	1.06E-02	2.59E-03
361	367914	3757962	Residence	2.95E+00	3.01E+00	2.10E-01	1.66E-04	6.04E-02	6.10E-03	1.03E-02	4.20E-05	4.22E-01	7.41E-03	1.02E-04	1.41E-03	4.22E-02	2.49E-03	0.00E+00	7.80E-02	1.81E-03	5.23E-02	2.19E-02	1.11E-02	2.73E-03
362	367905	3757930	Residence	3.18E+00	3.25E+00	2.27E-01	1.79E-04	6.51E-02	6.58E-03	1.12E-02	4.49E-05	4.55E-01	7.98E-03	1.09E-04	1.52E-03	4.55E-02	2.68E-03	0.00E+00	8.41E-02	1.95E-03	5.64E-02	2.37E-02	1.20E-02	2.94E-03
363	368109	3757840	Residence	3.52E+00	3.59E+00	2.51E-01	1.97E-04	7.20E-02	7.27E-03	1.23E-02	5.01E-05	5.04E-01	8.84E-03	1.21E-04	1.68E-03	5.04E-02	2.96E-03	0.00E+00	9.30E-02	2.16E-03	6.24E-02	2.62E-02	1.33E-02	3.25E-03
364	368233	3757790	Residence	3.71E+00	3.79E+00	2.64E-01	2.08E-04	7.59E-02	7.67E-03	1.30E-02	5.31E-05	5.31E-01	9.33E-03	1.29E-04	1.78E-03	5.31E-02	3.13E-03	0.00E+00	9.81E-02	2.28E-03	6.58E-02	2.76E-02	1.40E-02	3.43E-03
365	368309	3757762	Residence	3.85E+00	3.92E+00	2.74E-01	2.16E-04	7.87E-02	7.95E-03	1.35E-02	5.49E-05	5.50E-01	9.66E-03	1.33E-04	1.84E-03	5.50E-02	3.24E-03	0.00E+00	1.02E-01	2.36E-03	6.82E-02	2.86E-02	1.45E-02	3.55E-03
366	368603	3757765	Residence	6.20E+00	6.32E+00	4.43E-01	3.49E-04	1.27E-01	1.28E-02	2.16E-02	7.04E-05	8.89E-01	1.52E-02	1.71E-04	2.95E-03	8.89E-02	5.23E-03	0.00E+00	1.64E-01	3.81E-03	1.09E-01	4.62E-02	2.34E-02	5.73E-03
367	368604	3757719	Residence	5.99E+00	6.10E+00	4.27E-01	3.37E-04	1.23E-01	1.24E-02	2.09E-02	6.70E-05	8.58E-01	1.46E-02	1.62E-04	2.84E-03	8.58E-02	5.05E-03	0.00E+00	1.58E-01	3.68E-03	1.05E-01	4.46E-02	2.26E-02	5.53E-03
368	368770	3757799	Residence	7.84E+00	8.00E+00	5.59E-01	4.41E-04	1.61E-01	1.62E-02	2.74E-02	9.25E-05	1.12E+00	1.93E-02	2.24E-04	3.73E-03	1.12E-01	6.62E-03	0.00E+00	2.08E-01	4.82E-03	1.38E-01	5.84E-02	2.96E-02	7.25E-03
369	369017	3757954	Residence	8.88E+00	9.05E+00	6.33E-01	4.98E-04	1.82E-01	1.84E-02	3.11E-02	1.16E-04	1.27E+00	2.21E-02	2.82E-04	4.23E-03	1.27E-01	7.48E-03	0.00E+00	2.35E-01	5.45E-03	1.57E-01	6.60E-02	3.35E-02	8.20E-03
370	369080	3757864	Residence	9.72E+00	9.91E+00	6.93E-01	5.45E-04	1.99E-01	2.01E-02	3.40E-02	1.27E-04	1.39E+00	2.41E-02	3.07E-04	4.64E-03	1.39E-01	8.19E-03	0.00E+00	2.57E-01	5.97E-03	1.72E-01	7.23E-02	3.67E-02	8.98E-03
371	369224	3757952	Residence	8.72E+00	8.89E+00	6.21E-01	4.88E-04	1.78E-01	1.80E-02	3.05E-02	1.22E-04	1.25E+00	2.18E-02	2.97E-04	4.16E-03	1.25E-01	7.34E-03	0.00E+00	2.30E-01	5.35E-03	1.54E-01	6.48E-02	3.29E-02	8.05E-03
372	369409	3757730	Residence	1.12E+01	1.14E+01	7.96E-01	6.26E-04	2.28E-01	2.31E-02	3.92E-02	1.59E-04	1.60E+00	2.80E-02	3.85E-04	5.34E-03	1.60E-01	9.41E-03	0.00E+00	2.95E-01	6.85E-03	1.98E-01	8.30E-02	4.21E-02	1.03E-02
373	369454	3757776	Residence	9.95E+00	1.02E+01	7.09E-01	5.57E-04	2.03E-01	2.06E-02	3.49E-02	1.47E-04	1.42E+00	2.51E-02	3.56E-04	4.76E-03	1.42E-01	8.38E-03	0.00E+00	2.63E-01	6.10E-03	1.77E-01	7.39E-02	3.75E-02	9.19E-03
374	369265	3757997	Residence	7.97E+00	8.13E+00	5.68E-01	4.47E-04	1.63E-01	1.65E-02	2.80E-02	1.15E-04	1.14E+00	2.00E-02	2.78E-04	3.81E-03	1.14E-01	6.71E-03	0.00E+00	2.11E-01	4.89E-03	1.41E-01	5.92E-02	3.01E-02	7.36E-03
375	369452	3758128	Residence	5.24E+00	5.35E+00	3.73E-01	2.94E-04	1.07E-01	1.08E-02	1.84E-02	7.76E-05	7.49E-01	1.32E-02	1.88E-04	2.51E-03	7.50E-02	4.41E-03	0.00E+00	1.38E-01	3.21E-03	9.31E-02	3.90E-02	1.98E-02	4.84E-03
376	369460	3758394	Residence	5.39E+00	5.49E+00	3.85E-01	3.03E-04	1.10E-01	1.12E-02	1.88E-02	5.83E-05	7.72E-01	1.31E-02	1.41E-04	2.56E-03	7.72E-02	4.55E-03	0.00E+00	1.43E-01	3.31E-03	9.44E-02	4.01E-02	2.04E-02	4.98E-03
377	369853	3758394	Residence	8.54E+00	8.71E+00	6.09E-01	4.79E-04	1.75E-01	1.77E-02	2.99E-02	1.12E-04	1.22E+00	2.12E-02	2.72E-04	4.07E-03	1.22E-01	7.20E-03	0.00E+00	2.26E-01	5.24E-03	1.51E-01	6.35E-02	3.22E-02	7.89E-03
378	369850	3758078	Residence	1.07E+01	1.09E+01	7.64E-01	6.02E-04	2.19E-01	2.22E-02	3.75E-02	1.35E-04	1.53E+00	2.65E-02	3.28E-04	5.11E-03	1.53E-01	9.03E-03	0.00E+00	2.83E-01	6.58E-03	1.89E-01	7.97E-02	4.04E-02	9.90E-03
384	370886	3758089	Residence	4.25E+00	4.33E+00	3.02E-01	2.38E-04	8.68E-02	8.77E-03	1.49E-02	6.10E-05	6.07E-01	1.07E-02	1.48E-04	2.03E-03	6.07E-02	3.57E-03	0.00E+00	1.12E-01	2.60E-03	7.52E-02	3.15E-02	1.60E-02	3.92E-03
391	371193	3757720	Residence	1.05E+01	1.07E+01	7.45E-01	5.87E-04	2.14E-01	2.16E-02	3.67E-02	1.44E-04	1.50E+00	2.61E-02	3.48E-04	5.00E-03	1.50E-01	8.81E-03	0.00E+00	2.77E-01	6.42E-03	1.85E-01	7.78E-02	3.95E-02	9.66E-03
392	371254	3757762	Residence	9.91E+00	1.01E+01	7.06E-01	5.55E-04	2.03E-01	2.05E-02	3.47E-02	1.36E-04	1.42E+00	2.48E-02	3.31E-04	4.73E-03	1.42E-01	8.34E-03	0.00E+00	2.62E-01	6.08E-03	1.75E-01	7.36E-02	3.74E-02	9.15E-03
393	371264	3757783	Residence	9.68E+00	9.88E+00	6.90E-01	5.43E-04	1.98E-01	2.00E-02	3.39E-02	1.33E-04	1.39E+00	2.42E-02	3.22E-04	4.62E-03	1.39E-01	8.16E-03	0.00E+00	2.56E-01	5.94E-03	1.71E-01	7.20E-02	3.65E-02	8.94E-03
394	371372	3757782	Residence	9.39E+00	9.57E+00	6.69E-01	5.26E-04	1.92E-01	1.94E-02	3.29E-02	1.31E-04	1.34E+00	2.35E-02	3.18E-04	4.48E-03	1.34E-01	7.90E-03	0.00E+00	2.48E-01	5.76E-03	1.66E-01	6.98E-02	3.54E-02	8.67E-03

Table 4-4A
Summary of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Location				1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acrolein (µg/m³)	benzene (µg/m³)	butadiene, 1,3- (µg/m³)	ethylbenzene (µg/m³)	ethylene glycol (µg/m³)	formaldehyde (µg/m³)	hexane, n- (µg/m³)	isopropyl alcohol (µg/m³)	methyl alcohol (µg/m³)	methyl ethyl ketone (µg/m³)	naphthalene (µg/m³)	phenol (µg/m³)	propylene oxide (µg/m³)	styrene (µg/m³)	toluene (µg/m³)	xylene, m- (µg/m³)	xylene, o- (µg/m³)	xylene, p- (µg/m³)
395	371399	3757806	Residence	9.12E+00	9.30E+00	6.49E-01	5.11E-04	1.86E-01	1.88E-02	3.19E-02	1.27E-04	1.30E+00	2.28E-02	3.09E-04	4.36E-03	1.30E-01	7.68E-03	0.00E+00	2.41E-01	5.59E-03	1.61E-01	6.77E-02	3.44E-02	8.42E-03
396	371798	3758080	Residence	6.48E+00	6.61E+00	4.62E-01	3.63E-04	1.33E-01	1.34E-02	2.27E-02	9.05E-05	9.27E-01	1.62E-02	2.19E-04	3.09E-03	9.27E-02	5.46E-03	0.00E+00	1.71E-01	3.97E-03	1.15E-01	4.81E-02	2.44E-02	5.98E-03
397	371908	3757934	Residence	6.80E+00	6.93E+00	4.84E-01	3.81E-04	1.39E-01	1.41E-02	2.38E-02	9.41E-05	9.73E-01	1.70E-02	2.28E-04	3.25E-03	9.73E-02	5.73E-03	0.00E+00	1.80E-01	4.17E-03	1.20E-01	5.05E-02	2.56E-02	6.28E-03
398	371964	3757922	Residence	6.65E+00	6.78E+00	4.74E-01	3.73E-04	1.36E-01	1.37E-02	2.33E-02	9.24E-05	9.52E-01	1.66E-02	2.24E-04	3.18E-03	9.52E-02	5.60E-03	0.00E+00	1.76E-01	4.08E-03	1.18E-01	4.94E-02	2.51E-02	6.14E-03
442	370667	3755262	Residence	4.46E+00	4.54E+00	3.18E-01	2.50E-04	9.12E-02	9.21E-03	1.56E-02	5.74E-05	6.38E-01	1.11E-02	1.39E-04	2.12E-03	6.38E-02	3.76E-03	0.00E+00	1.18E-01	2.74E-03	7.86E-02	3.31E-02	1.68E-02	4.12E-03
443	370380	3755263	Residence	6.11E+00	6.23E+00	4.35E-01	3.42E-04	1.25E-01	1.26E-02	2.14E-02	8.82E-05	8.74E-01	1.54E-02	2.14E-04	2.92E-03	8.74E-02	5.15E-03	0.00E+00	1.61E-01	3.75E-03	1.08E-01	4.54E-02	2.30E-02	5.64E-03
444	370076	3755265	Residence	8.56E+00	8.73E+00	6.09E-01	4.79E-04	1.75E-01	1.77E-02	3.00E-02	1.27E-04	1.22E+00	2.16E-02	3.08E-04	4.10E-03	1.22E-01	7.20E-03	0.00E+00	2.26E-01	5.25E-03	1.52E-01	6.36E-02	3.22E-02	7.90E-03
446	369498	3755268	Residence	1.51E+01	1.54E+01	1.07E+00	8.45E-04	3.08E-01	3.12E-02	5.28E-02	2.08E-04	2.16E+00	3.77E-02	5.05E-04	7.20E-03	2.16E-01	1.27E-02	0.00E+00	3.99E-01	9.25E-03	2.67E-01	1.12E-01	5.69E-02	1.39E-02
447	369194	3755270	Residence	1.39E+01	1.42E+01	9.92E-01	7.81E-04	2.85E-01	2.88E-02	4.87E-02	1.83E-04	1.99E+00	3.46E-02	4.43E-04	6.64E-03	1.99E-01	1.17E-02	0.00E+00	3.68E-01	8.55E-03	2.46E-01	1.04E-01	5.25E-02	1.29E-02
448	368889	3755272	Residence	1.26E+01	1.28E+01	8.95E-01	7.05E-04	2.57E-01	2.60E-02	4.39E-02	1.55E-04	1.80E+00	3.10E-02	3.75E-04	5.98E-03	1.80E-01	1.06E-02	0.00E+00	3.32E-01	7.71E-03	2.21E-01	9.34E-02	4.74E-02	1.16E-02
449	368569	3755273	Residence	8.59E+00	8.76E+00	6.13E-01	4.83E-04	1.76E-01	1.78E-02	3.00E-02	9.96E-05	1.23E+00	2.11E-02	2.41E-04	4.08E-03	1.23E-01	7.24E-03	0.00E+00	2.27E-01	5.28E-03	1.51E-01	6.39E-02	3.24E-02	7.94E-03
450	368275	3755275	Residence	6.81E+00	6.95E+00	4.86E-01	3.82E-04	1.39E-01	1.41E-02	2.38E-02	8.95E-05	9.75E-01	1.69E-02	2.17E-04	3.25E-03	9.76E-02	5.74E-03	0.00E+00	1.80E-01	4.18E-03	1.20E-01	5.07E-02	2.57E-02	6.30E-03
451	367936	3755213	Residence	6.39E+00	6.51E+00	4.55E-01	3.58E-04	1.31E-01	1.32E-02	2.23E-02	8.25E-05	9.14E-01	1.58E-02	2.00E-04	3.04E-03	9.15E-02	5.38E-03	0.00E+00	1.69E-01	3.92E-03	1.13E-01	4.75E-02	2.41E-02	5.90E-03
74	370324	3758078	School	4.53E+00	4.62E+00	3.23E-01	2.54E-04	9.27E-02	9.36E-03	1.59E-02	6.05E-05	6.48E-01	1.13E-02	1.47E-04	2.16E-03	6.48E-02	3.82E-03	0.00E+00	1.20E-01	2.78E-03	8.00E-02	3.37E-02	1.71E-02	4.18E-03
75	370324	3758078	School	4.88E+00	4.98E+00	3.48E-01	2.74E-04	9.98E-02	1.01E-02	1.71E-02	6.47E-05	6.98E-01	1.21E-02	1.57E-04	2.33E-03	6.98E-02	4.11E-03	0.00E+00	1.29E-01	2.99E-03	8.61E-02	3.63E-02	1.84E-02	4.51E-03
76	370324	3758078	School	4.93E+00	5.03E+00	3.52E-01	2.77E-04	1.01E-01	1.02E-02	1.73E-02	6.56E-05	7.06E-01	1.23E-02	1.59E-04	2.35E-03	7.06E-02	4.16E-03	0.00E+00	1.30E-01	3.03E-03	8.71E-02	3.67E-02	1.86E-02	4.56E-03
77	370324	3758078	School	4.73E+00	4.82E+00	3.37E-01	2.65E-04	9.68E-02	9.78E-03	1.66E-02	6.34E-05	6.77E-01	1.18E-02	1.54E-04	2.26E-03	6.77E-02	3.98E-03	0.00E+00	1.25E-01	2.90E-03	8.36E-02	3.52E-02	1.78E-02	4.37E-03
130	370324	3758078	School	7.38E+00	7.52E+00	5.24E-01	4.12E-04	1.51E-01	1.52E-02	2.59E-02	1.20E-04	1.05E+00	1.88E-02	2.91E-04	3.54E-03	1.05E-01	6.20E-03	0.00E+00	1.95E-01	4.52E-03	1.32E-01	5.47E-02	2.78E-02	6.80E-03
131	370381	3757991	School	6.84E+00	6.98E+00	4.86E-01	3.82E-04	1.40E-01	1.41E-02	2.41E-02	1.16E-04	9.77E-01	1.76E-02	2.80E-04	3.29E-03	9.77E-02	5.75E-03	0.00E+00	1.80E-01	4.19E-03	1.22E-01	5.08E-02	2.57E-02	6.31E-03
132	370435	3758019	School	5.65E+00	5.76E+00	4.01E-01	3.15E-04	1.15E-01	1.16E-02	1.99E-02	9.69E-05	8.06E-01	1.45E-02	2.35E-04	2.71E-03	8.06E-02	4.74E-03	0.00E+00	1.49E-01	3.45E-03	1.01E-01	4.18E-02	2.12E-02	5.21E-03
133	370499	3758050	School	4.55E+00	4.64E+00	3.24E-01	2.55E-04	9.29E-02	9.39E-03	1.60E-02	7.66E-05	6.50E-01	1.17E-02	1.86E-04	2.19E-03	6.50E-02	3.83E-03	0.00E+00	1.20E-01	2.79E-03	8.14E-02	3.38E-02	1.71E-02	4.20E-03
134	370485	3758025	School	4.71E+00	4.80E+00	3.34E-01	2.62E-04	9.60E-02	9.69E-03	1.66E-02	8.23E-05	6.71E-01	1.21E-02	1.99E-04	2.26E-03	6.72E-02	3.95E-03	0.00E+00	1.24E-01	2.88E-03	8.42E-02	3.49E-02	1.77E-02	4.34E-03
135	370481	3758086	School	4.60E+00	4.69E+00	3.27E-01	2.57E-04	9.38E-02	9.48E-03	1.62E-02	7.96E-05	6.56E-01	1.18E-02	1.93E-04	2.21E-03	6.56E-02	3.86E-03	0.00E+00	1.21E-01	2.81E-03	8.23E-02	3.41E-02	1.73E-02	4.24E-03
305	369787	3755242	School	9.73E+00	9.92E+00	6.92E-01	5.45E-04	1.99E-01	2.01E-02	3.41E-02	1.45E-04	1.39E+00	2.46E-02	3.52E-04	4.66E-03	1.39E-01	8.19E-03	0.00E+00	2.57E-01	5.96E-03	1.73E-01	7.23E-02	3.67E-02	8.98E-03
379	370299	3758078	School	7.82E+00	7.97E+00	5.56E-01	4.37E-04	1.60E-01	1.61E-02	2.75E-02	1.26E-04	1.12E+00	1.99E-02	3.06E-04	3.75E-03	1.12E-01	6.57E-03	0.00E+00	2.06E-01	4.79E-03	1.39E-01	5.80E-02	2.94E-02	7.21E-03
380	370298	3757963	School	8.77E+00	8.94E+00	6.24E-01	4.90E-04	1.79E-01	1.81E-02	3.08E-02	1.43E-04	1.25E+00	2.24E-02	3.47E-04	4.21E-03	1.25E-01	7.37E-03	0.00E+00	2.31E-01	5.37E-03	1.56E-01	6.51E-02	3.30E-02	8.09E-03
381	370382	3757966	School	6.98E+00	7.12E+00	4.96E-01	3.90E-04	1.42E-01	1.44E-02	2.46E-02	1.18E-04	9.96E-01	1.79E-02	2.87E-04	3.36E-03	9.97E-02	5.87E-03	0.00E+00	1.84E-01	4.27E-03	1.25E-01	5.18E-02	2.63E-02	6.44E-03
382	370510	3758027	School	4.71E+00	4.80E+00	3.35E-01	2.64E-04	9.62E-02	9.72E-03	1.66E-02	7.54E-05	6.73E-01	1.20E-02	1.83E-04	2.26E-03	6.73E-02	3.96E-03	0.00E+00	1.24E-01	2.89E-03	8.40E-02	3.50E-02	1.77E-02	4.35E-03
383	370506	3758088	School	4.38E+00	4.47E+00	3.11E-01	2.45E-04	8.94E-02	9.03E-03	1.54E-02	7.29E-05	6.25E-01	1.12E-02	1.77E-04	2.11E-03	6.26E-02	3.68E-03	0.00E+00	1.16E-01	2.68E-03	7.82E-02	3.25E-02	1.65E-02	4.04E-03
445	369787	3755267	School	9.95E+00	1.01E+01	7.08E-01	5.57E-04	2.03E-01	2.05E-02	3.49E-02	1.53E-04	1.42E+00	2.52E-02	3.70E-04	4.77E-03	1.42E-01	8.37E-03	0.00E+00	2.63E-01	6.10E-03	1.77E-01	7.39E-02	3.75E-02	9.18E-03

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
29	370479	3756654	Commercial	1.47E+02	1.50E+02	1.04E+01	2.21E-02	8.19E-03	3.28E-03	2.99E+00	2.30E-03	3.02E-01	NA	5.19E-01	NA	2.99E-03	NA	2.09E+01	3.80E-01	3.88E-01	NA	7.24E-03	2.26E-06	7.11E-02	2.54E-06
141	370911	3758089	Commercial	4.15E+00	4.24E+00	2.96E-01	6.29E-04	2.33E-04	9.30E-05	8.49E-02	6.53E-05	8.58E-03	NA	1.46E-02	NA	6.00E-05	NA	5.94E-01	1.08E-02	1.04E-02	NA	1.45E-04	4.55E-08	1.99E-03	7.09E-08
142	370911	3757976	Commercial	4.93E+00	5.03E+00	3.52E-01	7.48E-04	2.77E-04	1.11E-04	1.01E-01	7.77E-05	1.02E-02	NA	1.73E-02	NA	6.48E-05	NA	7.06E-01	1.28E-02	1.23E-02	NA	1.57E-04	4.91E-08	2.35E-03	8.41E-08
143	370911	3757863	Commercial	6.46E+00	6.59E+00	4.61E-01	9.81E-04	3.63E-04	1.45E-04	1.32E-01	1.02E-04	1.34E-02	NA	2.26E-02	NA	7.53E-05	NA	9.26E-01	1.68E-02	1.59E-02	NA	1.83E-04	5.70E-08	3.07E-03	1.10E-07
144	370910	3757751	Commercial	8.40E+00	8.56E+00	5.99E-01	1.27E-03	4.72E-04	1.89E-04	1.72E-01	1.32E-04	1.74E-02	NA	2.93E-02	NA	1.02E-04	NA	1.20E+00	2.19E-02	2.07E-02	NA	2.48E-04	7.74E-08	4.00E-03	1.43E-07
145	370930	3757712	Commercial	9.38E+00	9.57E+00	6.69E-01	1.42E-03	5.27E-04	2.11E-04	1.92E-01	1.48E-04	1.94E-02	NA	3.28E-02	NA	1.17E-04	NA	1.34E+00	2.44E-02	2.32E-02	NA	2.84E-04	8.89E-08	4.47E-03	1.60E-07
146	370961	3757689	Commercial	1.01E+01	1.03E+01	7.22E-01	1.54E-03	5.69E-04	2.28E-04	2.07E-01	1.60E-04	2.10E-02	NA	3.54E-02	NA	1.30E-04	NA	1.45E+00	2.64E-02	2.51E-02	NA	3.15E-04	9.84E-08	4.83E-03	1.73E-07
147	371046	3757693	Commercial	1.06E+01	1.08E+01	7.58E-01	1.61E-03	5.97E-04	2.39E-04	2.18E-01	1.67E-04	2.20E-02	NA	3.72E-02	NA	1.41E-04	NA	1.52E+00	2.77E-02	2.65E-02	NA	3.42E-04	1.07E-07	5.07E-03	1.81E-07
148	371071	3757668	Commercial	1.11E+01	1.14E+01	7.94E-01	1.69E-03	6.25E-04	2.50E-04	2.28E-01	1.75E-04	2.30E-02	NA	3.90E-02	NA	1.50E-04	NA	1.59E+00	2.90E-02	2.78E-02	NA	3.64E-04	1.14E-07	5.32E-03	1.90E-07
149	371071	3757585	Commercial	1.25E+01	1.28E+01	8.92E-01	1.90E-03	7.02E-04	2.81E-04	2.56E-01	1.97E-04	2.59E-02	NA	4.39E-02	NA	1.74E-04	NA	1.79E+00	3.26E-02	3.13E-02	NA	4.21E-04	1.31E-07	5.98E-03	2.14E-07
150	371047	3757610	Commercial	1.21E+01	1.23E+01	8.62E-01	1.83E-03	6.79E-04	2.72E-04	2.48E-01	1.90E-04	2.50E-02	NA	4.24E-02	NA	1.65E-04	NA	1.73E+00	3.15E-02	3.02E-02	NA	4.00E-04	1.25E-07	5.78E-03	2.06E-07
151	371122	3757609	Commercial	1.21E+01	1.23E+01	8.58E-01	1.83E-03	6.76E-04	2.70E-04	2.46E-01	1.90E-04	2.49E-02	NA	4.22E-02	NA	1.68E-04	NA	1.72E+00	3.13E-02	3.02E-02	NA	4.07E-04	1.27E-07	5.76E-03	2.06E-07
152	371099	3757595	Commercial	1.23E+01	1.26E+01	8.77E-01	1.87E-03	6.90E-04	2.76E-04	2.52E-01	1.94E-04	2.54E-02	NA	4.31E-02	NA	1.71E-04	NA	1.76E+00	3.20E-02	3.08E-02	NA	4.15E-04	1.30E-07	5.88E-03	2.10E-07
153	371135	3757663	Commercial	1.13E+01	1.15E+01	8.02E-01	1.71E-03	6.32E-04	2.53E-04	2.30E-01	1.77E-04	2.33E-02	NA	3.95E-02	NA	1.55E-04	NA	1.61E+00	2.93E-02	2.81E-02	NA	3.76E-04	1.17E-07	5.38E-03	1.92E-07
168	371995	3757843	Commercial	6.64E+00	6.77E+00	4.73E-01	1.01E-03	3.72E-04	1.49E-04	1.36E-01	1.04E-04	1.37E-02	NA	2.33E-02	NA	9.33E-05	NA	9.50E-01	1.73E-02	1.66E-02	NA	2.26E-04	7.06E-08	3.17E-03	1.13E-07
169	371969	3757867	Commercial	6.73E+00	6.87E+00	4.80E-01	1.02E-03	3.77E-04	1.51E-04	1.38E-01	1.06E-04	1.39E-02	NA	2.36E-02	NA	9.42E-05	NA	9.63E-01	1.75E-02	1.69E-02	NA	2.28E-04	7.13E-08	3.22E-03	1.15E-07
170	372023	3757868	Commercial	6.50E+00	6.63E+00	4.63E-01	9.85E-04	3.64E-04	1.46E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.28E-02	NA	9.11E-05	NA	9.30E-01	1.69E-02	1.63E-02	NA	2.21E-04	6.90E-08	3.10E-03	1.11E-07
171	372048	3757843	Commercial	6.39E+00	6.51E+00	4.55E-01	9.68E-04	3.58E-04	1.43E-04	1.31E-01	1.00E-04	1.32E-02	NA	2.24E-02	NA	8.98E-05	NA	9.13E-01	1.66E-02	1.60E-02	NA	2.18E-04	6.80E-08	3.05E-03	1.09E-07
172	372047	3757746	Commercial	6.29E+00	6.41E+00	4.48E-01	9.53E-04	3.52E-04	1.41E-04	1.29E-01	9.89E-05	1.30E-02	NA	2.20E-02	NA	8.94E-05	NA	9.00E-01	1.64E-02	1.58E-02	NA	2.17E-04	6.77E-08	3.01E-03	1.07E-07
173	372046	3757649	Commercial	6.03E+00	6.15E+00	4.30E-01	9.14E-04	3.38E-04	1.35E-04	1.23E-01	9.49E-05	1.25E-02	NA	2.11E-02	NA	8.63E-05	NA	8.63E-01	1.57E-02	1.51E-02	NA	2.09E-04	6.54E-08	2.88E-03	1.03E-07
174	372045	3757551	Commercial	6.07E+00	6.19E+00	4.32E-01	9.19E-04	3.40E-04	1.36E-04	1.24E-01	9.54E-05	1.25E-02	NA	2.12E-02	NA	8.41E-05	NA	8.68E-01	1.58E-02	1.52E-02	NA	2.04E-04	6.37E-08	2.90E-03	1.03E-07
175	372041	3757448	Commercial	6.32E+00	6.45E+00	4.51E-01	9.59E-04	3.54E-04	1.42E-04	1.29E-01	9.95E-05	1.31E-02	NA	2.22E-02	NA	8.82E-05	NA	9.05E-01	1.64E-02	1.58E-02	NA	2.14E-04	6.68E-08	3.02E-03	1.08E-07
176	372036	3757345	Commercial	6.40E+00	6.53E+00	4.56E-01	9.70E-04	3.58E-04	1.43E-04	1.31E-01	1.01E-04	1.32E-02	NA	2.24E-02	NA	8.99E-05	NA	9.16E-01	1.67E-02	1.60E-02	NA	2.18E-04	6.81E-08	3.06E-03	1.09E-07
177	372032	3757242	Commercial	6.85E+00	6.98E+00	4.88E-01	1.04E-03	3.84E-04	1.54E-04	1.40E-01	1.08E-04	1.42E-02	NA	2.40E-02	NA	9.47E-05	NA	9.80E-01	1.78E-02	1.71E-02	NA	2.30E-04	7.17E-08	3.27E-03	1.17E-07
178	372027	3757139	Commercial	7.90E+00	8.06E+00	5.63E-01	1.20E-03	4.43E-04	1.77E-04	1.62E-01	1.24E-04	1.63E-02	NA	2.77E-02	NA	1.10E-04	NA	1.13E+00	2.05E-02	1.98E-02	NA	2.67E-04	8.33E-08	3.77E-03	1.35E-07
179	372003	3757115	Commercial	8.23E+00	8.39E+00	5.86E-01	1.25E-03	4.61E-04	1.84E-04	1.68E-01	1.29E-04	1.70E-02	NA	2.88E-02	NA	1.15E-04	NA	1.18E+00	2.14E-02	2.06E-02	NA	2.78E-04	8.70E-08	3.93E-03	1.40E-07
180	371881	3757114	Commercial	8.73E+00	8.90E+00	6.22E-01	1.32E-03	4.89E-04	1.96E-04	1.79E-01	1.37E-04	1.80E-02	NA	3.06E-02	NA	1.22E-04	NA	1.25E+00	2.27E-02	2.19E-02	NA	2.96E-04	9.26E-08	4.17E-03	1.49E-07
181	371758	3757113	Commercial	9.26E+00	9.44E+00	6.59E-01	1.40E-03	5.19E-04	2.08E-04	1.89E-01	1.46E-04	1.91E-02	NA	3.24E-02	NA	1.30E-04	NA	1.32E+00	2.41E-02	2.32E-02	NA	3.15E-04	9.83E-08	4.42E-03	1.58E-07
182	371636	3757112	Commercial	9.78E+00	9.97E+00	6.96E-01	1.48E-03	5.48E-04	2.19E-04	2.00E-01	1.54E-04	2.02E-02	NA	3.43E-02	NA	1.37E-04	NA	1.40E+00	2.54E-02	2.45E-02	NA	3.33E-04	1.04E-07	4.67E-03	1.67E-07
183	371514	3757111	Commercial	1.03E+01	1.05E+01	7.32E-01	1.56E-03	5.75E-04	2.30E-04	2.10E-01	1.62E-04	2.12E-02	NA	3.60E-02	NA	1.48E-04	NA	1.47E+00	2.67E-02	2.58E-02	NA	3.58E-04	1.12E-07	4.91E-03	1.76E-07
184	371394	3757110	Commercial	1.18E+01	1.20E+01	8.38E-01	1.78E-03	6.58E-04	2.63E-04	2.41E-01	1.85E-04	2.43E-02	NA	4.12E-02	NA	1.70E-04	NA	1.68E+00	3.06E-02	2.96E-02	NA	4.12E-04	1.29E-07	5.63E-03	2.01E-07
185	371275	3757110	Commercial	1.34E+01	1.37E+01	9.56E-01	2.03E-03	7.51E-04	3.00E-04	2.74E-01	2.11E-04	2.77E-02	NA	4.71E-02	NA	1.95E-04	NA	1.92E+00	3.49E-02	3.37E-02	NA	4.72E-04	1.48E-07	6.42E-03	2.29E-07
186	371155	3757109	Commercial	1.56E+01	1.59E+01	1.11E+00	2.36E-03	8.73E-04	3.49E-04	3.19E-01	2.45E-04	3.22E-02	NA	5.48E-02	NA	2.38E-04	NA	2.23E+00	4.06E-02	3.95E-02	NA	5.77E-04	1.80E-07	7.48E-03	2.67E-07
187	371035	3757108	Commercial	1.96E+01	2.00E+01	1.40E+00	2.97E-03	1.10E-03	4.39E-04	4.01E-01	3.09E-04	4.06E-02	NA	6.90E-02	NA	3.01E-04	NA	2.81E+00	5.10E-02	4.97E-02	NA	7.29E-04	2.28E-07	9.41E-03	3.36E-07
188	371060	3757133	Commercial	1.88E+01	1.92E+01	1.34E+00	2.85E-03	1.05E-03	4.22E-04	3.85E-01	2.96E-04	3.89E-02	NA	6.61E-02	NA	2.87E-04	NA	2.69E+00	4.90E-02	4.77E-02	NA	6.95E-04	2.17E-07	9.02E-03	3.22E-07
189	371059	3757085	Commercial	1.86E+01	1.90E+01	1.33E+00	2.82E-03	1.04E-03	4.17E-04	3.81E-01	2.93E-04	3.84E-02	NA	6.54E-02	NA	2.86E-04	NA	2.66E+00	4.84E-02	4.72E-02	NA	6.94E-04	2.17E-07	8.92E-03	3.19E-07
190	371034	3757060	Commercial	1.94E+01	1.97E+01	1.38E+00	2.93E-03	1.08E-03	4.33E-04	3.95E-01	3.04E-04	4.00E-02	NA	6.80E-02	NA	2.99E-04	NA	2.77E+00	5.03E-02	4.91E-02	NA	7.25E-04	2.26E-07	9.27E-03	3.31E-07
191	370944	3757061	Commercial	2.32E+01	2.37E+01	1.65E+00	3.51E-03	1.30E-03	5.19E-04	4.74E-01	3.65E-04	4.79E-02	NA	8.15E-02	NA	3.60E-04	NA	3.32E+00	6.03E-02	5.89E-02	NA	8.73E-04	2.73E-07	1.11E-02	3.97E-07
192	370854	3757061	Commercial	2.72E+01	2.77E+01	1.93E+00	4.11E-03	1.52E-03	6.08E-04	5.55E-01	4.27E-04	5.61E-02	NA	9.54E-02	NA	4.22E-04	NA	3.88E+00	7.06E-02	6.89E-02	NA	1.02E-03	3.19E-07	1.30E-02	4.65E-07
193	370764	3757062	Commercial	3.06E+01	3.12E+01	2.18E+00	4.64E-03	1.71E-03	6.86E-04	6.26E-01	4.81E-04	6.32E-02	NA	1.08E-01	NA	4.70E-04	NA	4.38E+00	7.96E-02	7.76E-02	NA	1.14E-03	3.56E-07	1.47E-02	5.24E-07
194	370789	3757086	Commercial	2.87E+01	2.92E+01	2.04E+00	4.34E-03	1.60E-03	6.42E-04	5.86E-01	4.50E-04	5.92E-02	NA	1.01E-01	NA	4.36E-04	NA	4.10E+00	7.45E-02	7.25E-02	NA	1.06E-03	3.30E-07	1.37E-02	4.90E-07
195	370786	3756996	Commercial	3.22E+01	3.29E+01	2.29E+00	4.88E-03	1.80E-03	7.21E-04	6.58E-01	5.07E-04	6.65E-02	NA	1.13E-01	NA	5.14E-04	NA	4.61E+00	8.37E-02	8.21E-02	NA	1.25E-03	3.90E-07	1.55E-02	5.52E-07
196	370782	3756907	Commercial	3.31E+01	3.37E+01	2.35E+00	5.01E-03	1.85E-03	7.38E-04	6.75E-01	5.20E-04	6.82E-02	NA	1.16E-01	NA	5.43E-04	NA	4.72E+00	8.59E-02	8.45E-02	NA	1.31E-03	4.11E-07	1.59E-02	5.67E-07
197	370779	3756817	Commercial	3.82E+01	3.90E+01	2.72E+00	5.79E-03	2.13E-03	8.50E-04	7.81E-01	6.01E-04	7.88E-02	NA	1.34E-01	NA	6.01E-04	NA	5.46E+00	9.93E-02	9.70E-02	NA	1.46E-03	4.55E-07	1.83E-02	6.53E-07
198	370755	3756843	Commercial	3.61E+01	3.68E+01	2.57E+00	5.47E-03	2.01E-03	8.03E-04	7.37E-01	5.67E-04	7.45E-02	NA	1.27E-01	NA	5.76E-04	NA	5.16E+00	9.38E-02	9.18E-02	NA	1.40E-03	4.36E-07	1.73E-02	6.17E-07
199	370847	3756839	Commercial	3.24E+01	3.30E+01	2.30E+00	4.90E-03	1.81E-03	7.22E-04	6.61E-01	5.09E-04	6.68E-02	NA	1.14E-01	NA	4.99E-04	NA	4.63E+00	8.41E-02	8.20E-02	NA	1.21E-03	3.78E-07	1.55E-02	5.54E-07
200	370940	3756836	Commercial	2.89E+01	2.95E+01	2.06E+00	4.38E-03	1.62E-03	6.46E-04	5.91E-01	4.54E-04	5.97E-02	NA	1.01E-01	NA	4.39E-04	NA	4.13E+00	7.51E-02	7.31E-02	NA	1.07E-03	3.33E-07	1.38E-02	4.94E-07
201	371032	3756832	Commercial	2.57E+01	2.62E+01	1.83E+00	3.89E-03	1.43E-03	5.74E-04	5.24E-01	4.03E-04	5.30E-02	NA	9.00E-02	NA	3.85E-04	NA	3.67E+00	6.67E-02	6.48E-02	NA	9.32E-04	2.91E-07	1.23E-02	4.39E-07
202	371056	3756809	Commercial	2.56E+01	2.61E+01	1.82E+00	3.87E-03	1.43E-03	5.72E-04	5.22E-01	4.02E-04	5.28E-02	NA	8.96E-02	NA	3.82E-04	NA	3.65E+00	6.64E-02	6.45E-02	NA	9.26E-04	2.89E-07	1.22E-02	4.37E-07
203	371058	3756782	Commercial	2.61E+01	2.66E+01	1.85E+00	3.95E-03	1.46E-03	5.83E-04	5.32E-01	4.09E-04	5.38E-02	NA	9.14E-02	NA	3.89E-04	NA	3.72E+00	6.77E-02	6.57E-02	NA	9.43E-04	2.95E-07	1.25E-02	4.45E-07
204	371034	3756805	Commercial	2.65E+01	2.70E+01	1.89E+00	4.02E-03	1.48E-03	5.93E-04	5.42E-01	4.17E-04	5.48E-02	NA	9.30E-02	NA	3.98E-04	NA	3.79E+00	6.89E-02	6.70E-02	NA	9.64E-04	3.01E-07	1.27E-02	4.53E-07
205	371146	3756803	Commercial	2.26E+01	2.30E+01	1.61E+00	3.42E-03	1.26E-03	5.05E-04	4.61E-01	3.55E-04	4.66E-02	NA	7.92E-02	NA	3.34E-04	NA	3.23E+00	5.87E-02	5.69E-02	NA	8.08E-04	2.53E-07	1.08E-02	3.86E-07
206	371259	3756800	Commercial	1.94E+01	1.98E+01	1.38E+00	2.94E-03	1.09E-03	4.35E-04	3.97E-01	3.05E-04	4.01E-02	NA	6.81E-02	NA	2.83E-04	NA	2.78E+00	5.05E-02	4.89E-02	NA	6.86E-04	2.14E-07	9.29E-03	3.32E-07
207	371371	3756798	Commercial	1.69E+01	1.72E+01	1.20E+00	2.56E-03	9.45E-04	3.78E-04	3.45E-01	2.65E-04	3.49E-02	NA	5.92E-02	NA	2.44E-04	NA	2.41E+00	4.39E-02	4.24E-02	NA	5.90E-04	1.84E-07	8.07E-03	2.88E-07
208	371484	3756795	Commercial	1.48E+01	1.51E+01	1.05E+00	2.24E-03	8.28E-04	3.31E-04	3.02E-01	2.33E-04	3.06E-02	NA	5.19E-02	NA	2.11E-04	NA	2.12E+00	3.85E-02	3.71E-02	NA	5.13E-04	1.60E-07	7.07E-03	2.53E-07
209	371595	3756793	Commercial	1.31E+01	1.33E+01	9.31E-01	1.98E-03	7.32E-04	2.93E-04	2.67E-01	2.06E-04	2.70E-02	NA	4.58E-02	NA	1.86E-04	NA	1.87E+00	3.40E-02	3.28E-02	NA	4.50E-04	1.41E-07	6.25E-03	2.23E-07
210	371706	3756791	Commercial	1.17E+01	1.19E+01	8.30E-01	1.77E-03	6.52E-04	2.61E-04	2.38E-01	1.83E-04	2.41E-02	NA	4.08E-02	NA	1.64E-04	NA	1.67E+00	3.03E-02	2.92E-02	NA	3.98E-04	1.24E-07	5.57E-03	1.99E-07
211	371818	3756788	Commercial	1.04E+01	1.07E+01	7.44E-01	1.58E-03	5.85E-04	2.34E-04	2.14E-01	1.64E-04	2.16E-02	NA	3.66E-02	NA	1.47E-04	NA	1.49E+00	2.72E-02	2.62E-02	NA	3.55E-04	1.11E-07	4.99E-03	1.78E-07
212	371932	3756786	Commercial	9.42E+00	9.60E+00	6.71E-01	1.43E-03	5.27E-04	2.11E-04	1.93E-01	1.48E-04	1.95E-02	NA	3.30E-02	NA	1.32E-04	NA	1.35E+00	2.45E-02	2.36E-02	NA	3.19E-04	9.97E-08	4.50E-03	1.61E-07
213	372046	3756783	Commercial	8.52E+00	8.68E+00	6.07E-01	1.29E-03	4.77E-04	1.91E-04	1.74E-01	1.34E-04	1.76E-02	NA	2.98E-02	NA	1.18E-04	NA	1.22E+00	2.21E-02	2.13E-02	NA	2.86E-04	8.94E-08	4.07E-03	1.45E-07
214	372161	3756780	Commercial	7.73E+00	7.88E+00	5.51E-01	1.17E-03	4.33E-04	1.73E-04	1.58E-01	1.22E-04	1.60E-02	NA	2.71E-02	NA	1.07E-04	NA	1.11E+00	2.01E-02	1.93E-02	NA	2.60E-04	8.12E-08	3.69E-03	1.32E-07
215	372275	3756778	Commercial	7.05E+00	7.19E+00	5.02E-01	1.07E-03	3.95E-04	1.58E-04	1.44E-01	1.11E-04	1.46E-02	NA	2.47E-02	NA	9.76E-05	NA	1.01E+00	1.83E-02	1.76E-02	NA	2.37E-04	7.39E-08	3.37E-03	1.20E-07
216	372385	3756776	Commercial	6.50E+00	6.63E+00	4.63E-01	9.86E-04	3.64E-04	1.46E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.28E-02	NA	8.91E-05	NA	9.30E-01	1.69E-02	1.62E-02	NA	2.16E-04	6.75E-08	3.10E-03	1.11E-07
217	372494	3756773	Commercial	6.00E+00	6.12E+00	4.27E-01	9.09E-04	3.36E-04	1.34E-04	1.23E-01	9.44E-05	1.24E-02	NA	2.10E-02	NA	8.23E-05	NA	8.58E-01	1.56E-02	1.50E-02	NA	1.99E-04	6.23E-08	2.86E-03	1.02E-07

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
218	372604	3756771	Commercial	5.55E+00	5.66E+00	3.95E-01	8.41E-04	3.11E-04	1.24E-04	1.13E-01	8.73E-05	1.15E-02	NA	1.94E-02	NA	7.62E-05	NA	7.94E-01	1.44E-02	1.39E-02	NA	1.85E-04	5.77E-08	2.65E-03	9.46E-08
219	372714	3756768	Commercial	5.16E+00	5.26E+00	3.68E-01	7.82E-04	2.89E-04	1.16E-04	1.06E-01	8.12E-05	1.07E-02	NA	1.81E-02	NA	7.07E-05	NA	7.38E-01	1.34E-02	1.29E-02	NA	1.71E-04	5.35E-08	2.46E-03	8.80E-08
220	372738	3756742	Commercial	4.96E+00	5.05E+00	3.53E-01	7.51E-04	2.78E-04	1.11E-04	1.01E-01	7.80E-05	1.02E-02	NA	1.74E-02	NA	6.76E-05	NA	7.09E-01	1.29E-02	1.24E-02	NA	1.64E-04	5.12E-08	2.37E-03	8.45E-08
221	372733	3756647	Commercial	4.47E+00	4.56E+00	3.18E-01	6.77E-04	2.51E-04	1.00E-04	9.14E-02	7.03E-05	9.23E-03	NA	1.56E-02	NA	6.04E-05	NA	6.39E-01	1.16E-02	1.11E-02	NA	1.46E-04	4.57E-08	2.13E-03	7.62E-08
222	372820	3756574	Commercial	3.81E+00	3.88E+00	2.71E-01	5.77E-04	2.14E-04	8.54E-05	7.79E-02	5.99E-05	7.87E-03	NA	1.33E-02	NA	5.15E-05	NA	5.45E-01	9.90E-03	9.49E-03	NA	1.25E-04	3.90E-08	1.82E-03	6.49E-08
223	372844	3756548	Commercial	3.59E+00	3.66E+00	2.56E-01	5.44E-04	2.02E-04	8.06E-05	7.35E-02	5.65E-05	7.42E-03	NA	1.26E-02	NA	4.83E-05	NA	5.14E-01	9.34E-03	8.95E-03	NA	1.17E-04	3.66E-08	1.71E-03	6.12E-08
224	372839	3756454	Commercial	3.02E+00	3.08E+00	2.15E-01	4.58E-04	1.69E-04	6.78E-05	6.18E-02	4.75E-05	6.24E-03	NA	1.06E-02	NA	4.05E-05	NA	4.32E-01	7.85E-03	7.52E-03	NA	9.81E-05	3.07E-08	1.44E-03	5.15E-08
225	372821	3756363	Commercial	2.54E+00	2.59E+00	1.81E-01	3.85E-04	1.43E-04	5.70E-05	5.19E-02	3.99E-05	5.25E-03	NA	8.88E-03	NA	3.35E-05	NA	3.63E-01	6.60E-03	6.31E-03	NA	8.11E-05	2.53E-08	1.21E-03	4.32E-08
226	372796	3756343	Commercial	2.41E+00	2.46E+00	1.72E-01	3.65E-04	1.35E-04	5.41E-05	4.93E-02	3.79E-05	4.98E-03	NA	8.43E-03	NA	3.18E-05	NA	3.45E-01	6.27E-03	5.99E-03	NA	7.72E-05	2.41E-08	1.15E-03	4.11E-08
227	372731	3756328	Commercial	2.42E+00	2.46E+00	1.72E-01	3.67E-04	1.36E-04	5.43E-05	4.95E-02	3.81E-05	5.00E-03	NA	8.46E-03	NA	3.19E-05	NA	3.46E-01	6.29E-03	6.01E-03	NA	7.72E-05	2.41E-08	1.15E-03	4.12E-08
228	372707	3756352	Commercial	2.59E+00	2.64E+00	1.84E-01	3.92E-04	1.45E-04	5.81E-05	5.29E-02	4.07E-05	5.35E-03	NA	9.05E-03	NA	3.41E-05	NA	3.70E-01	6.73E-03	6.43E-03	NA	8.27E-05	2.58E-08	1.23E-03	4.41E-08
229	372928	3756344	Commercial	2.28E+00	2.32E+00	1.62E-01	3.45E-04	1.28E-04	5.12E-05	4.66E-02	3.58E-05	4.71E-03	NA	7.97E-03	NA	3.01E-05	NA	3.26E-01	5.93E-03	5.67E-03	NA	7.30E-05	2.28E-08	1.09E-03	3.88E-08
230	372952	3756319	Commercial	2.14E+00	2.19E+00	1.53E-01	3.25E-04	1.20E-04	4.82E-05	4.39E-02	3.37E-05	4.43E-03	NA	7.50E-03	NA	2.82E-05	NA	3.07E-01	5.58E-03	5.33E-03	NA	6.83E-05	2.14E-08	1.02E-03	3.65E-08
231	372951	3756245	Commercial	1.79E+00	1.82E+00	1.27E-01	2.71E-04	1.00E-04	4.02E-05	3.66E-02	2.82E-05	3.70E-03	NA	6.26E-03	NA	2.32E-05	NA	2.56E-01	4.65E-03	4.44E-03	NA	5.63E-05	1.76E-08	8.53E-04	3.05E-08
232	372927	3756270	Commercial	1.91E+00	1.95E+00	1.36E-01	2.90E-04	1.07E-04	4.30E-05	3.92E-02	3.01E-05	3.96E-03	NA	6.70E-03	NA	2.51E-05	NA	2.74E-01	4.98E-03	4.76E-03	NA	6.08E-05	1.90E-08	9.13E-04	3.26E-08
233	373033	3756268	Commercial	1.82E+00	1.86E+00	1.30E-01	2.76E-04	1.02E-04	4.09E-05	3.73E-02	2.87E-05	3.77E-03	NA	6.37E-03	NA	2.39E-05	NA	2.61E-01	4.74E-03	4.53E-03	NA	5.80E-05	1.81E-08	8.69E-04	3.10E-08
234	373139	3756266	Commercial	1.74E+00	1.77E+00	1.24E-01	2.63E-04	9.76E-05	3.90E-05	3.56E-02	2.74E-05	3.59E-03	NA	6.08E-03	NA	2.29E-05	NA	2.49E-01	4.52E-03	4.32E-03	NA	5.55E-05	1.73E-08	8.29E-04	2.96E-08
235	373245	3756264	Commercial	1.66E+00	1.69E+00	1.18E-01	2.52E-04	9.32E-05	3.73E-05	3.39E-02	2.61E-05	3.43E-03	NA	5.81E-03	NA	2.19E-05	NA	2.37E-01	4.32E-03	4.13E-03	NA	5.30E-05	1.66E-08	7.92E-04	2.83E-08
236	373351	3756262	Commercial	1.59E+00	1.62E+00	1.13E-01	2.40E-04	8.90E-05	3.56E-05	3.24E-02	2.50E-05	3.28E-03	NA	5.55E-03	NA	2.09E-05	NA	2.27E-01	4.13E-03	3.94E-03	NA	5.08E-05	1.59E-08	7.57E-04	2.70E-08
237	373457	3756261	Commercial	1.52E+00	1.55E+00	1.08E-01	2.30E-04	8.52E-05	3.41E-05	3.11E-02	2.39E-05	3.14E-03	NA	5.31E-03	NA	2.01E-05	NA	2.17E-01	3.95E-03	3.78E-03	NA	4.87E-05	1.52E-08	7.24E-04	2.59E-08
238	373482	3756235	Commercial	1.44E+00	1.47E+00	1.03E-01	2.19E-04	8.10E-05	3.24E-05	2.95E-02	2.27E-05	2.98E-03	NA	5.05E-03	NA	1.87E-05	NA	2.07E-01	3.75E-03	3.58E-03	NA	4.54E-05	1.42E-08	6.88E-04	2.46E-08
239	373480	3756123	Commercial	1.08E+00	1.10E+00	7.71E-02	1.64E-04	6.07E-05	2.43E-05	2.21E-02	1.70E-05	2.24E-03	NA	3.78E-03	NA	1.41E-05	NA	1.55E-01	2.81E-03	2.69E-03	NA	3.41E-05	1.07E-08	5.16E-04	1.84E-08
240	373479	3756010	Commercial	9.95E-01	1.01E+00	7.08E-02	1.51E-04	5.58E-05	2.23E-05	2.03E-02	1.56E-05	2.05E-03	NA	3.49E-03	NA	1.42E-05	NA	1.42E-01	2.59E-03	2.50E-03	NA	3.45E-05	1.08E-08	4.76E-04	1.70E-08
241	373477	3755897	Commercial	1.15E+00	1.17E+00	8.19E-02	1.74E-04	6.45E-05	2.58E-05	2.35E-02	1.81E-05	2.38E-03	NA	4.03E-03	NA	1.64E-05	NA	1.64E-01	2.99E-03	2.89E-03	NA	3.97E-05	1.24E-08	5.50E-04	1.96E-08
242	373476	3755785	Commercial	1.30E+00	1.32E+00	9.24E-02	1.97E-04	7.27E-05	2.91E-05	2.65E-02	2.04E-05	2.68E-03	NA	4.55E-03	NA	1.84E-05	NA	1.86E-01	3.37E-03	3.25E-03	NA	4.46E-05	1.39E-08	6.20E-04	2.22E-08
243	373474	3755672	Commercial	1.43E+00	1.46E+00	1.02E-01	2.17E-04	8.01E-05	3.20E-05	2.92E-02	2.25E-05	2.96E-03	NA	5.01E-03	NA	2.01E-05	NA	2.05E-01	3.72E-03	3.58E-03	NA	4.87E-05	1.52E-08	6.83E-04	2.44E-08
244	373473	3755559	Commercial	1.54E+00	1.57E+00	1.10E-01	2.34E-04	8.64E-05	3.46E-05	3.16E-02	2.43E-05	3.19E-03	NA	5.41E-03	NA	2.16E-05	NA	2.21E-01	4.01E-03	3.86E-03	NA	5.24E-05	1.64E-08	7.37E-04	2.63E-08
245	373447	3755535	Commercial	1.59E+00	1.62E+00	1.13E-01	2.41E-04	8.91E-05	3.56E-05	3.25E-02	2.50E-05	3.29E-03	NA	5.57E-03	NA	2.22E-05	NA	2.28E-01	4.14E-03	3.98E-03	NA	5.37E-05	1.68E-08	7.60E-04	2.71E-08
246	373334	3755539	Commercial	1.71E+00	1.74E+00	1.22E-01	2.59E-04	9.55E-05	3.82E-05	3.49E-02	2.68E-05	3.53E-03	NA	5.98E-03	NA	2.38E-05	NA	2.44E-01	4.44E-03	4.27E-03	NA	5.77E-05	1.80E-08	8.15E-04	2.91E-08
247	373221	3755544	Commercial	1.83E+00	1.86E+00	1.30E-01	2.77E-04	1.02E-04	4.09E-05	3.74E-02	2.88E-05	3.78E-03	NA	6.41E-03	NA	2.54E-05	NA	2.62E-01	4.76E-03	4.57E-03	NA	6.16E-05	1.93E-08	8.73E-04	3.12E-08
248	373197	3755568	Commercial	1.83E+00	1.87E+00	1.31E-01	2.78E-04	1.03E-04	4.11E-05	3.75E-02	2.89E-05	3.79E-03	NA	6.43E-03	NA	2.56E-05	NA	2.62E-01	4.77E-03	4.59E-03	NA	6.20E-05	1.94E-08	8.76E-04	3.13E-08
249	373196	3755636	Commercial	1.78E+00	1.81E+00	1.26E-01	2.69E-04	9.94E-05	3.98E-05	3.63E-02	2.79E-05	3.67E-03	NA	6.22E-03	NA	2.49E-05	NA	2.54E-01	4.62E-03	4.44E-03	NA	6.03E-05	1.88E-08	8.48E-04	3.03E-08
250	373194	3755705	Commercial	1.70E+00	1.74E+00	1.21E-01	2.58E-04	9.54E-05	3.81E-05	3.48E-02	2.68E-05	3.52E-03	NA	5.97E-03	NA	2.39E-05	NA	2.44E-01	4.43E-03	4.27E-03	NA	5.79E-05	1.81E-08	8.14E-04	2.91E-08
251	373220	3755680	Commercial	1.70E+00	1.74E+00	1.21E-01	2.58E-04	9.53E-05	3.81E-05	3.48E-02	2.68E-05	3.52E-03	NA	5.96E-03	NA	2.39E-05	NA	2.43E-01	4.43E-03	4.26E-03	NA	5.79E-05	1.81E-08	8.13E-04	2.90E-08
252	373135	3755679	Commercial	1.81E+00	1.84E+00	1.29E-01	2.74E-04	1.01E-04	4.04E-05	3.69E-02	2.84E-05	3.73E-03	NA	6.33E-03	NA	2.54E-05	NA	2.58E-01	4.70E-03	4.52E-03	NA	6.16E-05	1.92E-08	8.63E-04	3.08E-08
253	373160	3755704	Commercial	1.75E+00	1.78E+00	1.25E-01	2.65E-04	9.79E-05	3.92E-05	3.58E-02	2.75E-05	3.61E-03	NA	6.13E-03	NA	2.46E-05	NA	2.50E-01	4.55E-03	4.38E-03	NA	5.95E-05	1.86E-08	8.36E-04	2.98E-08
254	373158	3755635	Commercial	1.83E+00	1.86E+00	1.30E-01	2.77E-04	1.02E-04	4.09E-05	3.73E-02	2.87E-05	3.77E-03	NA	6.39E-03	NA	2.55E-05	NA	2.61E-01	4.75E-03	4.57E-03	NA	6.19E-05	1.93E-08	8.72E-04	3.11E-08
255	373156	3755566	Commercial	1.89E+00	1.93E+00	1.35E-01	2.86E-04	1.06E-04	4.23E-05	3.86E-02	2.97E-05	3.90E-03	NA	6.62E-03	NA	2.63E-05	NA	2.70E-01	4.91E-03	4.73E-03	NA	6.37E-05	1.99E-08	9.02E-04	3.22E-08
256	373132	3755542	Commercial	1.94E+00	1.98E+00	1.38E-01	2.94E-04	1.08E-04	4.34E-05	3.96E-02	3.05E-05	4.01E-03	NA	6.79E-03	NA	2.70E-05	NA	2.77E-01	5.04E-03	4.85E-03	NA	6.54E-05	2.04E-08	9.26E-04	3.31E-08
257	373055	3755538	Commercial	2.03E+00	2.07E+00	1.45E-01	3.08E-04	1.14E-04	4.55E-05	4.16E-02	3.20E-05	4.20E-03	NA	7.12E-03	NA	2.83E-05	NA	2.91E-01	5.29E-03	5.09E-03	NA	6.85E-05	2.14E-08	9.71E-04	3.47E-08
258	373079	3755562	Commercial	1.99E+00	2.03E+00	1.42E-01	3.02E-04	1.11E-04	4.45E-05	4.07E-02	3.13E-05	4.11E-03	NA	6.97E-03	NA	2.77E-05	NA	2.85E-01	5.18E-03	4.98E-03	NA	6.71E-05	2.10E-08	9.50E-04	3.39E-08
259	373077	3755465	Commercial	2.04E+00	2.08E+00	1.46E-01	3.10E-04	1.14E-04	4.57E-05	4.18E-02	3.21E-05	4.22E-03	NA	7.15E-03	NA	2.82E-05	NA	2.92E-01	5.31E-03	5.10E-03	NA	6.83E-05	2.14E-08	9.75E-04	3.48E-08
260	373075	3755368	Commercial	2.07E+00	2.11E+00	1.47E-01	3.13E-04	1.16E-04	4.63E-05	4.23E-02	3.25E-05	4.27E-03	NA	7.24E-03	NA	2.83E-05	NA	2.96E-01	5.38E-03	5.16E-03	NA	6.87E-05	2.15E-08	9.87E-04	3.52E-08
261	373073	3755271	Commercial	2.06E+00	2.10E+00	1.47E-01	3.12E-04	1.15E-04	4.61E-05	4.22E-02	3.24E-05	4.26E-03	NA	7.21E-03	NA	2.80E-05	NA	2.95E-01	5.36E-03	5.14E-03	NA	6.78E-05	2.12E-08	9.83E-04	3.51E-08
262	373071	3755174	Commercial	2.02E+00	2.06E+00	1.44E-01	3.07E-04	1.13E-04	4.53E-05	4.14E-02	3.18E-05	4.18E-03	NA	7.08E-03	NA	2.73E-05	NA	2.90E-01	5.27E-03	5.04E-03	NA	6.62E-05	2.07E-08	9.66E-04	3.45E-08
263	373046	3755149	Commercial	2.03E+00	2.07E+00	1.44E-01	3.07E-04	1.14E-04	4.54E-05	4.15E-02	3.19E-05	4.19E-03	NA	7.09E-03	NA	2.73E-05	NA	2.90E-01	5.27E-03	5.05E-03	NA	6.61E-05	2.07E-08	9.67E-04	3.45E-08
264	372939	3755150	Commercial	2.09E+00	2.14E+00	1.49E-01	3.18E-04	1.17E-04	4.69E-05	4.29E-02	3.30E-05	4.33E-03	NA	7.33E-03	NA	2.80E-05	NA	3.00E-01	5.45E-03	5.22E-03	NA	6.80E-05	2.12E-08	9.99E-04	3.57E-08
265	372832	3755151	Commercial	2.16E+00	2.20E+00	1.54E-01	3.27E-04	1.21E-04	4.84E-05	4.41E-02	3.39E-05	4.46E-03	NA	7.55E-03	NA	2.88E-05	NA	3.09E-01	5.61E-03	5.37E-03	NA	6.98E-05	2.18E-08	1.03E-03	3.68E-08
266	372725	3755152	Commercial	2.21E+00	2.26E+00	1.58E-01	3.35E-04	1.24E-04	4.96E-05	4.53E-02	3.48E-05	4.57E-03	NA	7.74E-03	NA	2.94E-05	NA	3.17E-01	5.76E-03	5.51E-03	NA	7.13E-05	2.23E-08	1.06E-03	3.77E-08
267	372623	3755157	Commercial	2.26E+00	2.31E+00	1.61E-01	3.43E-04	1.27E-04	5.07E-05	4.63E-02	3.56E-05	4.68E-03	NA	7.92E-03	NA	2.99E-05	NA	3.24E-01	5.89E-03	5.62E-03	NA	7.24E-05	2.26E-08	1.08E-03	3.85E-08
268	372527	3755158	Commercial	2.29E+00	2.34E+00	1.63E-01	3.48E-04	1.29E-04	5.14E-05	4.69E-02	3.61E-05	4.74E-03	NA	8.02E-03	NA	3.01E-05	NA	3.28E-01	5.96E-03	5.70E-03	NA	7.31E-05	2.28E-08	1.09E-03	3.90E-08
269	372431	3755159	Commercial	2.31E+00	2.36E+00	1.65E-01	3.50E-04	1.30E-04	5.19E-05	4.73E-02	3.64E-05	4.78E-03	NA	8.09E-03	NA	3.02E-05	NA	3.31E-01	6.01E-03	5.74E-03	NA	7.32E-05	2.29E-08	1.10E-03	3.94E-08
270	372334	3755160	Commercial	2.31E+00	2.36E+00	1.65E-01	3.51E-04	1.30E-04	5.19E-05	4.73E-02	3.64E-05	4.78E-03	NA	8.09E-03	NA	3.00E-05	NA	3.31E-01	6.02E-03	5.74E-03	NA	7.26E-05	2.27E-08	1.10E-03	3.94E-08
271	372237	3755161	Commercial	2.30E+00	2.35E+00	1.64E-01	3.49E-04	1.29E-04	5.17E-05	4.71E-02	3.63E-05	4.76E-03	NA	8.06E-03	NA	2.96E-05	NA	3.30E-01	5.99E-03	5.71E-03	NA	7.17E-05	2.24E-08	1.10E-03	3.92E-08
272	372139	3755161	Commercial	2.27E+00	2.32E+00	1.62E-01	3.45E-04	1.28E-04	5.10E-05	4.65E-02	3.58E-05	4.70E-03	NA	7.94E-03	NA	2.89E-05	NA	3.25E-01	5.91E-03	5.63E-03	NA	7.00E-05	2.19E-08	1.08E-03	3.87E-08
273	372040	3755162	Commercial	2.22E+00	2.26E+00	1.58E-01	3.36E-04	1.25E-04	4.98E-05	4.54E-02	3.49E-05	4.59E-03	NA	7.75E-03	NA	2.78E-05	NA	3.17E-01	5.77E-03	5.48E-03	NA	6.75E-05	2.11E-08	1.06E-03	3.77E-08
274	371941	3755163	Commercial	2.14E+00	2.18E+00	1.52E-01	3.24E-04	1.20E-04	4.80E-05	4.37E-02	3.37E-05	4.42E-03	NA	7.47E-03	NA	2.65E-05	NA	3.06E-01	5.56E-03	5.28E-03	NA	6.41E-05	2.00E-08	1.02E-03	3.64E-08
275	371843	3755164	Commercial	2.03E+00	2.07E+00	1.45E-01	3.08E-04	1.14E-04	4.57E-05	4.16E-02	3.20E-05	4.20E-03	NA	7.10E-03	NA	2.47E-05	NA	2.91E-01	5.29E-03	5.01E-03	NA	6.00E-05	1.87E-08	9.67E-04	3.46E-08
276	371748	3755165	Commercial	1.91E+00	1.95E+00	1.36E-01	2.89E-04	1.07E-04	4.28E-05	3.90E-02	3.00E-05	3.94E-03	NA	6.69E-03	NA	2.84E-05	NA	2.73E-01	4.96E-03	4.82E-03	NA	6.89E-05	2.15E-08	9.14E-04	3.26E-08
277	371653	3755165	Commercial	2.20E+00	2.25E+00	1.57E-01	3.34E-04	1.23E-04	4.93E-05	4.50E-02	3.47E-05	4.55E-03	NA	7.74E-03	NA	3.33E-05	NA	3.15E-01	5.73E-03	5.57E-03	NA	8.06E-05	2.52E-08	1.06E-03	3.77E-08
278	371558	3755166	Commercial	2.57E+00	2.62E+00	1.83E-01	3.89E-04	1.44E-04	5.75E-05	5.25E-02	4.04E-05	5.31E-03	NA	9.02E-03	NA	3.83E-05	NA	3.67E-01	6.68E-03	6.48E-03	NA	9.28E-05	2.90E-08	1.23E-03	4.39E-08
279	371463	3755167	Commercial	2.95E+00	3.01E+00	2.10E-01	4.47E-04	1.65E-04	6.60E-05	6.03E-02	4.64E-05	6.09E-03	NA	1.03E-02	NA	4.35E-05	NA	4.22E-01	7.67E-03	7.43E-03	NA	1.05E-04	3.29E-08	1.41E-03	5.04E-08
280	371359	3755168	Commercial	3.38E+00	3.44E+00	2.40E-01	5.11E-04	1.89E-04	7.55E-05	6.90E-02	5.31E-05	6.97E-03	NA	1.18E-02	NA	4.89E-05	NA	4.83E-01	8.77E-03	8.48E-03	NA	1.19E-04	3.71E-08	1.61E-03	5.76E-08
281	371256	3755169	Commercial	3.77E+00	3.84E+00	2.68E-01	5.71E-04	2.11E-04	8.44E-05	7.70E-02	5.93E-05	7.78E-03	NA	1.32E-02	NA	5.36E-05	NA	5.39E-01	9.80E-03	9.45E-03	NA	1.30E-04	4.06E-08	1.80E-03	6.43E-08

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
282	371152	3755170	Commercial	4.11E+00	4.19E+00	2.93E-01	6.22E-04	2.30E-04	9.20E-05	8.40E-02	6.46E-05	8.49E-03	NA	1.44E-02	NA	5.72E-05	NA	5.88E-01	1.07E-02	1.03E-02	NA	1.39E-04	4.33E-08	1.96E-03	7.01E-08
283	371049	3755171	Commercial	4.35E+00	4.44E+00	3.10E-01	6.60E-04	2.44E-04	9.76E-05	8.90E-02	6.85E-05	8.99E-03	NA	1.52E-02	NA	5.92E-05	NA	6.23E-01	1.13E-02	1.09E-02	NA	1.43E-04	4.48E-08	2.08E-03	7.42E-08
284	371024	3755197	Commercial	4.48E+00	4.57E+00	3.19E-01	6.79E-04	2.51E-04	1.00E-04	9.16E-02	7.05E-05	9.26E-03	NA	1.57E-02	NA	6.08E-05	NA	6.41E-01	1.17E-02	1.12E-02	NA	1.47E-04	4.61E-08	2.14E-03	7.64E-08
285	371028	3755273	Commercial	4.72E+00	4.82E+00	3.37E-01	7.16E-04	2.65E-04	1.06E-04	9.66E-02	7.43E-05	9.76E-03	NA	1.65E-02	NA	6.51E-05	NA	6.76E-01	1.23E-02	1.18E-02	NA	1.58E-04	4.93E-08	2.26E-03	8.06E-08
286	371031	3755350	Commercial	4.95E+00	5.05E+00	3.53E-01	7.51E-04	2.77E-04	1.11E-04	1.01E-01	7.79E-05	1.02E-02	NA	1.74E-02	NA	6.94E-05	NA	7.08E-01	1.29E-02	1.24E-02	NA	1.68E-04	5.25E-08	2.37E-03	8.45E-08
287	371020	3755376	Commercial	5.07E+00	5.17E+00	3.61E-01	7.69E-04	2.84E-04	1.14E-04	1.04E-01	7.98E-05	1.05E-02	NA	1.78E-02	NA	7.12E-05	NA	7.26E-01	1.32E-02	1.27E-02	NA	1.73E-04	5.39E-08	2.42E-03	8.66E-08
288	371018	3755470	Commercial	5.36E+00	5.46E+00	3.81E-01	8.11E-04	3.00E-04	1.20E-04	1.09E-01	8.42E-05	1.11E-02	NA	1.88E-02	NA	7.68E-05	NA	7.66E-01	1.39E-02	1.34E-02	NA	1.86E-04	5.82E-08	2.56E-03	9.14E-08
289	371017	3755556	Commercial	5.57E+00	5.68E+00	3.96E-01	8.43E-04	3.12E-04	1.25E-04	1.14E-01	8.75E-05	1.15E-02	NA	1.95E-02	NA	8.16E-05	NA	7.96E-01	1.45E-02	1.40E-02	NA	1.98E-04	6.18E-08	2.66E-03	9.51E-08
290	371040	3755532	Commercial	5.36E+00	5.46E+00	3.81E-01	8.12E-04	3.00E-04	1.20E-04	1.10E-01	8.42E-05	1.11E-02	NA	1.88E-02	NA	7.85E-05	NA	7.66E-01	1.39E-02	1.35E-02	NA	1.90E-04	5.94E-08	2.56E-03	9.15E-08
291	371026	3755420	Commercial	5.18E+00	5.28E+00	3.69E-01	7.85E-04	2.90E-04	1.16E-04	1.06E-01	8.15E-05	1.07E-02	NA	1.82E-02	NA	7.36E-05	NA	7.41E-01	1.35E-02	1.30E-02	NA	1.78E-04	5.57E-08	2.48E-03	8.84E-08
292	371016	3755399	Commercial	5.16E+00	5.26E+00	3.68E-01	7.82E-04	2.89E-04	1.16E-04	1.06E-01	8.12E-05	1.07E-02	NA	1.81E-02	NA	7.28E-05	NA	7.38E-01	1.34E-02	1.29E-02	NA	1.76E-04	5.51E-08	2.47E-03	8.81E-08
293	370916	3755327	Commercial	5.18E+00	5.28E+00	3.69E-01	7.85E-04	2.90E-04	1.16E-04	1.06E-01	8.15E-05	1.07E-02	NA	1.81E-02	NA	6.98E-05	NA	7.41E-01	1.35E-02	1.29E-02	NA	1.69E-04	5.29E-08	2.47E-03	8.83E-08
294	370816	3755255	Commercial	4.81E+00	4.91E+00	3.43E-01	7.30E-04	2.70E-04	1.08E-04	9.86E-02	7.58E-05	9.96E-03	NA	1.68E-02	NA	6.17E-05	NA	6.89E-01	1.25E-02	1.19E-02	NA	1.49E-04	4.67E-08	2.30E-03	8.20E-08
385	370885	3757751	Commercial	8.09E+00	8.25E+00	5.77E-01	1.23E-03	4.55E-04	1.82E-04	1.66E-01	1.27E-04	1.67E-02	NA	2.83E-02	NA	9.70E-05	NA	1.16E+00	2.11E-02	1.99E-02	NA	2.35E-04	7.34E-08	3.85E-03	1.38E-07
386	370907	3757702	Commercial	9.34E+00	9.53E+00	6.66E-01	1.42E-03	5.25E-04	2.10E-04	1.91E-01	1.47E-04	1.93E-02	NA	3.27E-02	NA	1.16E-04	NA	1.34E+00	2.43E-02	2.31E-02	NA	2.81E-04	8.77E-08	4.45E-03	1.59E-07
387	370945	3757670	Commercial	1.04E+01	1.06E+01	7.41E-01	1.58E-03	5.83E-04	2.33E-04	2.13E-01	1.64E-04	2.15E-02	NA	3.63E-02	NA	1.33E-04	NA	1.49E+00	2.70E-02	2.58E-02	NA	3.23E-04	1.01E-07	4.95E-03	1.77E-07
388	371046	3757668	Commercial	1.11E+01	1.13E+01	7.89E-01	1.68E-03	6.22E-04	2.49E-04	2.27E-01	1.74E-04	2.29E-02	NA	3.88E-02	NA	1.48E-04	NA	1.58E+00	2.88E-02	2.76E-02	NA	3.59E-04	1.12E-07	5.29E-03	1.89E-07
389	371046	3757585	Commercial	1.25E+01	1.28E+01	8.94E-01	1.90E-03	7.04E-04	2.81E-04	2.57E-01	1.97E-04	2.59E-02	NA	4.39E-02	NA	1.73E-04	NA	1.79E+00	3.26E-02	3.13E-02	NA	4.18E-04	1.31E-07	5.99E-03	2.14E-07
390	371122	3757584	Commercial	1.24E+01	1.26E+01	8.83E-01	1.88E-03	6.95E-04	2.78E-04	2.54E-01	1.95E-04	2.56E-02	NA	4.34E-02	NA	1.74E-04	NA	1.77E+00	3.22E-02	3.11E-02	NA	4.22E-04	1.32E-07	5.92E-03	2.12E-07
399	371970	3757842	Commercial	6.76E+00	6.90E+00	4.82E-01	1.02E-03	3.79E-04	1.51E-04	1.38E-01	1.06E-04	1.40E-02	NA	2.37E-02	NA	9.48E-05	NA	9.67E-01	1.76E-02	1.69E-02	NA	2.30E-04	7.18E-08	3.23E-03	1.15E-07
400	372023	3757843	Commercial	6.50E+00	6.63E+00	4.63E-01	9.86E-04	3.64E-04	1.46E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.28E-02	NA	9.15E-05	NA	9.30E-01	1.69E-02	1.63E-02	NA	2.22E-04	6.93E-08	3.11E-03	1.11E-07
401	372020	3757552	Commercial	6.14E+00	6.26E+00	4.37E-01	9.31E-04	3.44E-04	1.38E-04	1.26E-01	9.66E-05	1.27E-02	NA	2.15E-02	NA	8.51E-05	NA	8.78E-01	1.60E-02	1.54E-02	NA	2.06E-04	6.44E-08	2.93E-03	1.05E-07
402	372002	3757140	Commercial	7.98E+00	8.14E+00	5.68E-01	1.21E-03	4.47E-04	1.79E-04	1.63E-01	1.26E-04	1.65E-02	NA	2.80E-02	NA	1.11E-04	NA	1.14E+00	2.08E-02	2.00E-02	NA	2.69E-04	8.42E-08	3.81E-03	1.36E-07
403	371514	3757136	Commercial	1.03E+01	1.05E+01	7.33E-01	1.56E-03	5.76E-04	2.30E-04	2.10E-01	1.62E-04	2.13E-02	NA	3.61E-02	NA	1.48E-04	NA	1.47E+00	2.68E-02	2.58E-02	NA	3.58E-04	1.12E-07	4.92E-03	1.76E-07
404	371035	3757133	Commercial	1.97E+01	2.00E+01	1.40E+00	2.98E-03	1.10E-03	4.40E-04	4.02E-01	3.09E-04	4.06E-02	NA	6.90E-02	NA	2.99E-04	NA	2.81E+00	5.11E-02	4.97E-02	NA	7.25E-04	2.26E-07	9.41E-03	3.36E-07
405	371034	3757085	Commercial	1.96E+01	2.00E+01	1.39E+00	2.96E-03	1.09E-03	4.38E-04	4.00E-01	3.08E-04	4.04E-02	NA	6.87E-02	NA	3.01E-04	NA	2.80E+00	5.08E-02	4.96E-02	NA	7.29E-04	2.28E-07	9.37E-03	3.35E-07
406	370764	3757087	Commercial	2.93E+01	2.98E+01	2.08E+00	4.43E-03	1.64E-03	6.55E-04	5.98E-01	4.60E-04	6.04E-02	NA	1.03E-01	NA	4.52E-04	NA	4.18E+00	7.60E-02	7.42E-02	NA	1.10E-03	3.42E-07	1.40E-02	5.01E-07
407	370754	3756818	Commercial	3.94E+01	4.01E+01	2.80E+00	5.96E-03	2.19E-03	8.77E-04	8.04E-01	6.18E-04	8.12E-02	NA	1.38E-01	NA	6.24E-04	NA	5.62E+00	1.02E-01	1.00E-01	NA	1.51E-03	4.72E-07	1.89E-02	6.73E-07
408	371031	3756807	Commercial	2.65E+01	2.71E+01	1.89E+00	4.02E-03	1.48E-03	5.94E-04	5.42E-01	4.17E-04	5.48E-02	NA	9.31E-02	NA	3.98E-04	NA	3.79E+00	6.90E-02	6.70E-02	NA	9.65E-04	3.02E-07	1.27E-02	4.54E-07
409	371033	3756780	Commercial	2.71E+01	2.77E+01	1.93E+00	4.11E-03	1.52E-03	6.07E-04	5.54E-01	4.26E-04	5.60E-02	NA	9.52E-02	NA	4.07E-04	NA	3.88E+00	7.05E-02	6.85E-02	NA	9.85E-04	3.08E-07	1.30E-02	4.64E-07
410	371483	3756770	Commercial	1.47E+01	1.50E+01	1.05E+00	2.22E-03	8.22E-04	3.29E-04	3.00E-01	2.31E-04	3.03E-02	NA	5.15E-02	NA	2.10E-04	NA	2.10E+00	3.82E-02	3.68E-02	NA	5.08E-04	1.59E-07	7.02E-03	2.51E-07
411	371817	3756763	Commercial	1.03E+01	1.05E+01	7.34E-01	1.56E-03	5.77E-04	2.31E-04	2.11E-01	1.62E-04	2.13E-02	NA	3.61E-02	NA	1.44E-04	NA	1.47E+00	2.68E-02	2.58E-02	NA	3.49E-04	1.09E-07	4.92E-03	1.76E-07
412	372274	3756753	Commercial	6.92E+00	7.05E+00	4.93E-01	1.05E-03	3.87E-04	1.55E-04	1.41E-01	1.09E-04	1.43E-02	NA	2.42E-02	NA	9.52E-05	NA	9.89E-01	1.80E-02	1.73E-02	NA	2.31E-04	7.21E-08	3.30E-03	1.18E-07
413	372713	3756743	Commercial	5.05E+00	5.15E+00	3.60E-01	7.65E-04	2.83E-04	1.13E-04	1.03E-01	7.94E-05	1.04E-02	NA	1.77E-02	NA	6.87E-05	NA	7.22E-01	1.31E-02	1.26E-02	NA	1.67E-04	5.21E-08	2.41E-03	8.60E-08
414	372703	3756553	Commercial	3.91E+00	3.99E+00	2.79E-01	5.93E-04	2.19E-04	8.77E-05	8.00E-02	6.15E-05	8.08E-03	NA	1.37E-02	NA	5.29E-05	NA	5.59E-01	1.02E-02	9.75E-03	NA	1.28E-04	4.01E-08	1.87E-03	6.67E-08
415	372819	3756549	Commercial	3.64E+00	3.72E+00	2.60E-01	5.53E-04	2.05E-04	8.18E-05	7.46E-02	5.74E-05	7.53E-03	NA	1.28E-02	NA	4.90E-05	NA	5.21E-01	9.48E-03	9.08E-03	NA	1.19E-04	3.71E-08	1.74E-03	6.21E-08
416	372814	3756455	Commercial	3.07E+00	3.13E+00	2.19E-01	4.66E-04	1.72E-04	6.90E-05	6.29E-02	4.84E-05	6.35E-03	NA	1.08E-02	NA	4.12E-05	NA	4.40E-01	7.99E-03	7.66E-03	NA	9.99E-05	3.12E-08	1.47E-03	5.24E-08
417	372797	3756368	Commercial	2.60E+00	2.65E+00	1.85E-01	3.94E-04	1.46E-04	5.84E-05	5.32E-02	4.09E-05	5.38E-03	NA	9.10E-03	NA	3.42E-05	NA	3.72E-01	6.77E-03	6.47E-03	NA	8.30E-05	2.59E-08	1.24E-03	4.43E-08
418	372705	3756372	Commercial	2.75E+00	2.80E+00	1.96E-01	4.17E-04	1.54E-04	6.17E-05	5.62E-02	4.32E-05	5.68E-03	NA	9.62E-03	NA	3.62E-05	NA	3.93E-01	7.15E-03	6.83E-03	NA	8.77E-05	2.74E-08	1.31E-03	4.68E-08
419	372706	3756327	Commercial	2.44E+00	2.49E+00	1.74E-01	3.71E-04	1.37E-04	5.49E-05	5.00E-02	3.85E-05	5.05E-03	NA	8.55E-03	NA	3.22E-05	NA	3.50E-01	6.36E-03	6.08E-03	NA	7.80E-05	2.44E-08	1.17E-03	4.17E-08
420	372927	3756319	Commercial	2.17E+00	2.21E+00	1.55E-01	3.29E-04	1.22E-04	4.88E-05	4.44E-02	3.42E-05	4.49E-03	NA	7.60E-03	NA	2.85E-05	NA	3.11E-01	5.65E-03	5.40E-03	NA	6.92E-05	2.16E-08	1.04E-03	3.70E-08
421	372926	3756245	Commercial	1.80E+00	1.84E+00	1.29E-01	2.74E-04	1.01E-04	4.05E-05	3.69E-02	2.84E-05	3.73E-03	NA	6.32E-03	NA	2.35E-05	NA	2.58E-01	4.70E-03	4.48E-03	NA	5.69E-05	1.78E-08	8.61E-04	3.07E-08
422	373457	3756236	Commercial	1.46E+00	1.49E+00	1.04E-01	2.21E-04	8.18E-05	3.27E-05	2.98E-02	2.29E-05	3.01E-03	NA	5.10E-03	NA	1.89E-05	NA	2.09E-01	3.79E-03	3.62E-03	NA	4.58E-05	1.43E-08	6.95E-04	2.48E-08
423	373448	3755560	Commercial	1.57E+00	1.60E+00	1.12E-01	2.38E-04	8.78E-05	3.51E-05	3.21E-02	2.47E-05	3.24E-03	NA	5.49E-03	NA	2.19E-05	NA	2.24E-01	4.08E-03	3.92E-03	NA	5.32E-05	1.66E-08	7.49E-04	2.67E-08
424	373222	3755569	Commercial	1.81E+00	1.84E+00	1.29E-01	2.74E-04	1.01E-04	4.04E-05	3.69E-02	2.84E-05	3.73E-03	NA	6.33E-03	NA	2.52E-05	NA	2.58E-01	4.70E-03	4.52E-03	NA	6.11E-05	1.91E-08	8.62E-04	3.08E-08
425	373219	3755705	Commercial	1.67E+00	1.70E+00	1.19E-01	2.53E-04	9.36E-05	3.74E-05	3.42E-02	2.63E-05	3.45E-03	NA	5.86E-03	NA	2.35E-05	NA	2.39E-01	4.35E-03	4.19E-03	NA	5.69E-05	1.78E-08	7.98E-04	2.85E-08
426	373135	3755704	Commercial	1.78E+00	1.82E+00	1.27E-01	2.70E-04	9.97E-05	3.99E-05	3.64E-02	2.80E-05	3.68E-03	NA	6.24E-03	NA	2.50E-05	NA	2.55E-01	4.63E-03	4.46E-03	NA	6.07E-05	1.90E-08	8.51E-04	3.04E-08
427	373131	3755567	Commercial	1.92E+00	1.96E+00	1.37E-01	2.91E-04	1.07E-04	4.30E-05	3.93E-02	3.02E-05	3.97E-03	NA	6.73E-03	NA	2.67E-05	NA	2.75E-01	5.00E-03	4.80E-03	NA	6.47E-05	2.02E-08	9.17E-04	3.28E-08
428	373054	3755563	Commercial	2.02E+00	2.06E+00	1.44E-01	3.06E-04	1.13E-04	4.52E-05	4.13E-02	3.18E-05	4.17E-03	NA	7.07E-03	NA	2.81E-05	NA	2.89E-01	5.25E-03	5.05E-03	NA	6.82E-05	2.13E-08	9.64E-04	3.44E-08
429	373046	3755174	Commercial	2.04E+00	2.08E+00	1.46E-01	3.10E-04	1.14E-04	4.57E-05	4.18E-02	3.21E-05	4.22E-03	NA	7.15E-03	NA	2.75E-05	NA	2.92E-01	5.31E-03	5.09E-03	NA	6.68E-05	2.09E-08	9.74E-04	3.48E-08
430	372725	3755177	Commercial	2.25E+00	2.29E+00	1.60E-01	3.41E-04	1.26E-04	5.04E-05	4.60E-02	3.54E-05	4.64E-03	NA	7.86E-03	NA	2.99E-05	NA	3.21E-01	5.85E-03	5.59E-03	NA	7.26E-05	2.27E-08	1.07E-03	3.83E-08
431	372624	3755182	Commercial	2.30E+00	2.35E+00	1.64E-01	3.49E-04	1.29E-04	5.16E-05	4.71E-02	3.62E-05	4.76E-03	NA	8.05E-03	NA	3.05E-05	NA	3.29E-01	5.99E-03	5.72E-03	NA	7.39E-05	2.31E-08	1.10E-03	3.92E-08
432	372238	3755186	Commercial	2.37E+00	2.42E+00	1.69E-01	3.59E-04	1.33E-04	5.32E-05	4.85E-02	3.73E-05	4.90E-03	NA	8.29E-03	NA	3.06E-05	NA	3.39E-01	6.17E-03	5.88E-03	NA	7.41E-05	2.32E-08	1.13E-03	4.03E-08
433	371843	3755189	Commercial	2.12E+00	2.17E+00	1.52E-01	3.22E-04	1.19E-04	4.78E-05	4.35E-02	3.35E-05	4.40E-03	NA	7.43E-03	NA	2.60E-05	NA	3.04E-01	5.53E-03	5.24E-03	NA	6.31E-05	1.97E-08	1.01E-03	3.61E-08
434	371463	3755192	Commercial	2.94E+00	3.00E+00	2.09E-01	4.45E-04	1.64E-04	6.58E-05	6.01E-02	4.62E-05	6.07E-03	NA	1.03E-02	NA	4.35E-05	NA	4.20E-01	7.64E-03	7.41E-03	NA	1.05E-04	3.29E-08	1.41E-03	5.02E-08
435	371049	3755196	Commercial	4.43E+00	4.52E+00	3.15E-01	6.71E-04	2.48E-04	9.93E-05	9.06E-02	6.97E-05	9.15E-03	NA	1.55E-02	NA	6.05E-05	NA	6.34E-01	1.15E-02	1.11E-02	NA	1.47E-04	4.58E-08	2.11E-03	7.55E-08
436	371056	3755349	Commercial	4.85E+00	4.95E+00	3.46E-01	7.35E-04	2.72E-04	1.09E-04	9.92E-02	7.63E-05	1.00E-02	NA	1.70E-02	NA	6.84E-05	NA	6.94E-01	1.26E-02	1.22E-02	NA	1.66E-04	5.18E-08	2.32E-03	8.28E-08
437	371043	3755384	Commercial	5.00E+00	5.10E+00	3.56E-01	7.58E-04	2.80E-04	1.12E-04	1.02E-01	7.87E-05	1.03E-02	NA	1.75E-02	NA	7.08E-05	NA	7.15E-01	1.30E-02	1.25E-02	NA	1.72E-04	5.36E-08	2.39E-03	8.54E-08
438	371042	3755556	Commercial	5.38E+00	5.49E+00	3.83E-01	8.15E-04	3.01E-04	1.21E-04	1.10E-01	8.46E-05	1.11E-02	NA	1.89E-02	NA	7.94E-05	NA	7.70E-01	1.40E-02	1.36E-02	NA	1.92E-04	6.01E-08	2.58E-03	9.20E-08
439	370996	3755560	Commercial	5.73E+00	5.84E+00	4.08E-01	8.68E-04	3.21E-04	1.28E-04	1.17E-01	9.01E-05	1.18E-02	NA	2.01E-02	NA	8.35E-05	NA	8.19E-01	1.49E-02	1.44E-02	NA	2.02E-04	6.33E-08	2.74E-03	9.78E-08
440	371001	3755419	Commercial	5.29E+00	5.39E+00	3.77E-01	8.02E-04	2.96E-04	1.19E-04	1.08E-01	8.32E-05	1.09E-02	NA	1.85E-02	NA	7.46E-05	NA	7.57E-01	1.38E-02	1.33E-02	NA	1.81E-04	5.65E-08	2.53E-03	9.03E-08
441	370801	3755276	Commercial	4.91E+00	5.01E+00	3.50E-01	7.45E-04	2.76E-04	1.10E-04	1.01E-01	7.73E-05	1.02E-02	NA	1.72E-02	NA	6.28E-05	NA	7.03E-01	1.28E-02	1.22E-02	NA	1.52E-04	4.75E-08	2.34E-03	8.36E-08
1	372249	3757612	Residence	5.34E+00	5.44E+00	3.80E-01	8.09E-04	2.99E-04	1.20E-04	1.09E-01	8.40E-05	1.10E-02	NA	1.87E-02	NA	7.38E-05	NA	7.64E-01	1.39E-02	1.33E-02	NA	1.79E-04	5.59E-08	2.55E-03	9.10E-08

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
2	372499	3757612	Residence	4.67E+00	4.76E+00	3.33E-01	7.08E-04	2.61E-04	1.05E-04	9.55E-02	7.35E-05	9.65E-03	NA	1.64E-02	NA	6.45E-05	NA	6.68E-01	1.21E-02	1.17E-02	NA	1.56E-04	4.88E-08	2.23E-03	7.96E-08
3	372249	3757862	Residence	5.41E+00	5.52E+00	3.85E-01	8.20E-04	3.03E-04	1.21E-04	1.11E-01	8.51E-05	1.12E-02	NA	1.90E-02	NA	7.65E-05	NA	7.74E-01	1.41E-02	1.36E-02	NA	1.85E-04	5.79E-08	2.59E-03	9.23E-08
4	372499	3757862	Residence	4.29E+00	4.37E+00	3.06E-01	6.50E-04	2.40E-04	9.61E-05	8.77E-02	6.75E-05	8.86E-03	NA	1.50E-02	NA	5.99E-05	NA	6.14E-01	1.12E-02	1.07E-02	NA	1.45E-04	4.54E-08	2.05E-03	7.32E-08
5	372249	3758112	Residence	5.45E+00	5.55E+00	3.88E-01	8.26E-04	3.05E-04	1.22E-04	1.11E-01	8.57E-05	1.13E-02	NA	1.91E-02	NA	7.52E-05	NA	7.79E-01	1.42E-02	1.36E-02	NA	1.82E-04	5.70E-08	2.60E-03	9.29E-08
6	372499	3758112	Residence	4.69E+00	4.78E+00	3.34E-01	7.11E-04	2.63E-04	1.05E-04	9.59E-02	7.38E-05	9.69E-03	NA	1.64E-02	NA	6.54E-05	NA	6.71E-01	1.22E-02	1.17E-02	NA	1.58E-04	4.95E-08	2.24E-03	8.00E-08
7	372249	3758362	Residence	4.83E+00	4.93E+00	3.44E-01	7.33E-04	2.71E-04	1.08E-04	9.89E-02	7.61E-05	9.99E-03	NA	1.69E-02	NA	6.53E-05	NA	6.92E-01	1.26E-02	1.21E-02	NA	1.58E-04	4.95E-08	2.31E-03	8.24E-08
8	372499	3758362	Residence	4.57E+00	4.66E+00	3.25E-01	6.92E-04	2.56E-04	1.02E-04	9.34E-02	7.19E-05	9.44E-03	NA	1.60E-02	NA	6.24E-05	NA	6.53E-01	1.19E-02	1.14E-02	NA	1.51E-04	4.73E-08	2.18E-03	7.79E-08
9	373793	3755335	Residence	1.42E+00	1.45E+00	1.01E-01	2.16E-04	7.96E-05	3.18E-05	2.91E-02	2.24E-05	2.94E-03	NA	4.98E-03	NA	1.97E-05	NA	2.03E-01	3.70E-03	3.55E-03	NA	4.77E-05	1.49E-08	6.79E-04	2.42E-08
10	374093	3755335	Residence	1.21E+00	1.23E+00	8.59E-02	1.83E-04	6.75E-05	2.70E-05	2.47E-02	1.90E-05	2.49E-03	NA	4.22E-03	NA	1.68E-05	NA	1.72E-01	3.14E-03	3.02E-03	NA	4.07E-05	1.27E-08	5.76E-04	2.06E-08
11	373793	3755710	Residence	1.11E+00	1.13E+00	7.92E-02	1.69E-04	6.23E-05	2.49E-05	2.27E-02	1.75E-05	2.30E-03	NA	3.90E-03	NA	1.57E-05	NA	1.59E-01	2.89E-03	2.79E-03	NA	3.81E-05	1.19E-08	5.32E-04	1.90E-08
12	374093	3755710	Residence	9.04E-01	9.22E-01	6.44E-02	1.37E-04	5.07E-05	2.03E-05	1.85E-02	1.42E-05	1.87E-03	NA	3.17E-03	NA	1.28E-05	NA	1.29E-01	2.35E-03	2.27E-03	NA	3.09E-05	9.66E-09	4.32E-04	1.54E-08
13	373793	3756085	Residence	9.16E-01	9.34E-01	6.53E-02	1.39E-04	5.14E-05	2.06E-05	1.87E-02	1.44E-05	1.89E-03	NA	3.20E-03	NA	1.18E-05	NA	1.31E-01	2.38E-03	2.27E-03	NA	2.85E-05	8.91E-09	4.37E-04	1.56E-08
14	374093	3756085	Residence	8.47E-01	8.64E-01	6.04E-02	1.28E-04	4.76E-05	1.90E-05	1.73E-02	1.33E-05	1.75E-03	NA	2.96E-03	NA	1.10E-05	NA	1.21E-01	2.20E-03	2.10E-03	NA	2.66E-05	8.31E-09	4.04E-04	1.44E-08
15	373793	3756460	Residence	1.94E+00	1.98E+00	1.38E-01	2.94E-04	1.09E-04	4.36E-05	3.97E-02	3.05E-05	4.01E-03	NA	6.79E-03	NA	2.61E-05	NA	2.78E-01	5.05E-03	4.84E-03	NA	6.33E-05	1.98E-08	9.26E-04	3.31E-08
16	374093	3756460	Residence	1.73E+00	1.76E+00	1.23E-01	2.62E-04	9.71E-05	3.89E-05	3.54E-02	2.72E-05	3.58E-03	NA	6.06E-03	NA	2.32E-05	NA	2.48E-01	4.50E-03	4.31E-03	NA	5.62E-05	1.76E-08	8.26E-04	2.95E-08
17	373793	3756835	Residence	3.05E+00	3.11E+00	2.17E-01	4.63E-04	1.71E-04	6.84E-05	6.24E-02	4.80E-05	6.31E-03	NA	1.07E-02	NA	4.12E-05	NA	4.37E-01	7.94E-03	7.61E-03	NA	9.98E-05	3.12E-08	1.46E-03	5.20E-08
18	374093	3756835	Residence	2.65E+00	2.70E+00	1.89E-01	4.01E-04	1.49E-04	5.94E-05	5.42E-02	4.17E-05	5.47E-03	NA	9.27E-03	NA	3.58E-05	NA	3.79E-01	6.89E-03	6.60E-03	NA	8.67E-05	2.71E-08	1.26E-03	4.51E-08
19	373793	3757210	Residence	3.54E+00	3.61E+00	2.52E-01	5.36E-04	1.98E-04	7.92E-05	7.24E-02	5.57E-05	7.31E-03	NA	1.24E-02	NA	4.80E-05	NA	5.06E-01	9.20E-03	8.82E-03	NA	1.16E-04	3.64E-08	1.69E-03	6.03E-08
20	374093	3757210	Residence	3.16E+00	3.22E+00	2.25E-01	4.79E-04	1.77E-04	7.07E-05	6.46E-02	4.97E-05	6.53E-03	NA	1.11E-02	NA	4.28E-05	NA	4.52E-01	8.21E-03	7.87E-03	NA	1.04E-04	3.24E-08	1.51E-03	5.38E-08
21	373793	3757585	Residence	3.09E+00	3.16E+00	2.20E-01	4.69E-04	1.73E-04	6.94E-05	6.33E-02	4.87E-05	6.40E-03	NA	1.08E-02	NA	4.21E-05	NA	4.43E-01	8.05E-03	7.72E-03	NA	1.02E-04	3.19E-08	1.48E-03	5.28E-08
22	374093	3757585	Residence	2.91E+00	2.96E+00	2.07E-01	4.41E-04	1.63E-04	6.52E-05	5.95E-02	4.57E-05	6.01E-03	NA	1.02E-02	NA	3.94E-05	NA	4.16E-01	7.56E-03	7.25E-03	NA	9.55E-05	2.99E-08	1.39E-03	4.96E-08
23	373793	3757960	Residence	2.46E+00	2.50E+00	1.75E-01	3.72E-04	1.38E-04	5.50E-05	5.02E-02	3.86E-05	5.08E-03	NA	8.60E-03	NA	3.35E-05	NA	3.51E-01	6.39E-03	6.13E-03	NA	8.12E-05	2.54E-08	1.17E-03	4.19E-08
24	374093	3757960	Residence	2.12E+00	2.16E+00	1.51E-01	3.21E-04	1.19E-04	4.75E-05	4.34E-02	3.33E-05	4.38E-03	NA	7.42E-03	NA	2.90E-05	NA	3.03E-01	5.51E-03	5.29E-03	NA	7.02E-05	2.19E-08	1.01E-03	3.61E-08
25	373793	3758335	Residence	2.47E+00	2.51E+00	1.76E-01	3.74E-04	1.38E-04	5.52E-05	5.04E-02	3.88E-05	5.09E-03	NA	8.63E-03	NA	3.34E-05	NA	3.53E-01	6.41E-03	6.15E-03	NA	8.09E-05	2.53E-08	1.18E-03	4.20E-08
26	374093	3758335	Residence	2.25E+00	2.29E+00	1.60E-01	3.41E-04	1.26E-04	5.03E-05	4.60E-02	3.54E-05	4.64E-03	NA	7.87E-03	NA	3.04E-05	NA	3.21E-01	5.84E-03	5.60E-03	NA	7.37E-05	2.30E-08	1.07E-03	3.83E-08
27	373793	3758710	Residence	2.31E+00	2.35E+00	1.64E-01	3.50E-04	1.29E-04	5.17E-05	4.72E-02	3.63E-05	4.77E-03	NA	8.09E-03	NA	3.20E-05	NA	3.30E-01	6.01E-03	5.77E-03	NA	7.76E-05	2.43E-08	1.10E-03	3.94E-08
28	374093	3758710	Residence	2.07E+00	2.11E+00	1.47E-01	3.13E-04	1.16E-04	4.63E-05	4.22E-02	3.25E-05	4.27E-03	NA	7.23E-03	NA	2.77E-05	NA	2.96E-01	5.37E-03	5.14E-03	NA	6.72E-05	2.10E-08	9.85E-04	3.52E-08
30	367278	3755614	Residence	5.59E+00	5.70E+00	3.98E-01	8.48E-04	3.13E-04	1.25E-04	1.14E-01	8.80E-05	1.16E-02	NA	1.95E-02	NA	7.15E-05	NA	8.00E-01	1.45E-02	1.38E-02	NA	1.73E-04	5.41E-08	2.66E-03	9.51E-08
31	367231	3755722	Residence	5.85E+00	5.96E+00	4.17E-01	8.87E-04	3.28E-04	1.31E-04	1.20E-01	9.21E-05	1.21E-02	NA	2.04E-02	NA	7.44E-05	NA	8.37E-01	1.52E-02	1.45E-02	NA	1.80E-04	5.64E-08	2.79E-03	9.95E-08
32	367185	3755830	Residence	5.92E+00	6.04E+00	4.22E-01	8.98E-04	3.32E-04	1.33E-04	1.21E-01	9.32E-05	1.22E-02	NA	2.07E-02	NA	7.54E-05	NA	8.48E-01	1.54E-02	1.47E-02	NA	1.83E-04	5.71E-08	2.82E-03	1.01E-07
33	367138	3755938	Residence	6.28E+00	6.40E+00	4.48E-01	9.52E-04	3.52E-04	1.41E-04	1.29E-01	9.89E-05	1.30E-02	NA	2.20E-02	NA	7.96E-05	NA	8.99E-01	1.63E-02	1.55E-02	NA	1.93E-04	6.03E-08	2.99E-03	1.07E-07
34	367091	3756047	Residence	6.38E+00	6.51E+00	4.55E-01	9.68E-04	3.58E-04	1.43E-04	1.31E-01	1.00E-04	1.32E-02	NA	2.23E-02	NA	8.09E-05	NA	9.14E-01	1.66E-02	1.58E-02	NA	1.96E-04	6.12E-08	3.04E-03	1.09E-07
35	367048	3756147	Residence	6.26E+00	6.38E+00	4.46E-01	9.49E-04	3.51E-04	1.40E-04	1.28E-01	9.86E-05	1.29E-02	NA	2.19E-02	NA	7.94E-05	NA	8.96E-01	1.63E-02	1.55E-02	NA	1.93E-04	6.02E-08	2.98E-03	1.06E-07
36	367005	3756247	Residence	5.92E+00	6.04E+00	4.22E-01	8.98E-04	3.32E-04	1.33E-04	1.21E-01	9.33E-05	1.22E-02	NA	2.07E-02	NA	7.53E-05	NA	8.48E-01	1.54E-02	1.47E-02	NA	1.83E-04	5.71E-08	2.82E-03	1.01E-07
37	366962	3756348	Residence	6.07E+00	6.19E+00	4.33E-01	9.21E-04	3.40E-04	1.36E-04	1.24E-01	9.56E-05	1.26E-02	NA	2.12E-02	NA	7.67E-05	NA	8.69E-01	1.58E-02	1.50E-02	NA	1.86E-04	5.81E-08	2.89E-03	1.03E-07
38	366918	3756450	Residence	6.04E+00	6.16E+00	4.31E-01	9.17E-04	3.39E-04	1.35E-04	1.24E-01	9.52E-05	1.25E-02	NA	2.11E-02	NA	7.67E-05	NA	8.65E-01	1.57E-02	1.50E-02	NA	1.86E-04	5.81E-08	2.88E-03	1.03E-07
39	366874	3756551	Residence	5.87E+00	5.98E+00	4.18E-01	8.90E-04	3.29E-04	1.32E-04	1.20E-01	9.24E-05	1.21E-02	NA	2.05E-02	NA	7.47E-05	NA	8.40E-01	1.53E-02	1.45E-02	NA	1.81E-04	5.66E-08	2.79E-03	9.98E-08
40	366830	3756653	Residence	5.54E+00	5.65E+00	3.95E-01	8.40E-04	3.10E-04	1.24E-04	1.13E-01	8.72E-05	1.15E-02	NA	1.94E-02	NA	7.06E-05	NA	7.93E-01	1.44E-02	1.37E-02	NA	1.71E-04	5.35E-08	2.64E-03	9.42E-08
41	366840	3756685	Residence	5.63E+00	5.75E+00	4.02E-01	8.55E-04	3.16E-04	1.26E-04	1.15E-01	8.87E-05	1.17E-02	NA	1.97E-02	NA	7.11E-05	NA	8.07E-01	1.47E-02	1.39E-02	NA	1.72E-04	5.38E-08	2.68E-03	9.58E-08
42	366890	3756714	Residence	5.79E+00	5.90E+00	4.13E-01	8.78E-04	3.24E-04	1.30E-04	1.18E-01	9.11E-05	1.20E-02	NA	2.02E-02	NA	7.33E-05	NA	8.29E-01	1.51E-02	1.43E-02	NA	1.78E-04	5.55E-08	2.76E-03	9.84E-08
43	366879	3756683	Residence	5.72E+00	5.84E+00	4.08E-01	8.68E-04	3.21E-04	1.28E-04	1.17E-01	9.01E-05	1.18E-02	NA	2.00E-02	NA	7.22E-05	NA	8.20E-01	1.49E-02	1.42E-02	NA	1.75E-04	5.47E-08	2.73E-03	9.74E-08
44	366852	3756751	Residence	5.72E+00	5.84E+00	4.08E-01	8.68E-04	3.21E-04	1.28E-04	1.17E-01	9.01E-05	1.18E-02	NA	2.00E-02	NA	7.26E-05	NA	8.20E-01	1.49E-02	1.42E-02	NA	1.76E-04	5.50E-08	2.73E-03	9.74E-08
45	366884	3756737	Residence	5.79E+00	5.91E+00	4.13E-01	8.79E-04	3.25E-04	1.30E-04	1.19E-01	9.12E-05	1.20E-02	NA	2.03E-02	NA	7.34E-05	NA	8.29E-01	1.51E-02	1.43E-02	NA	1.78E-04	5.56E-08	2.76E-03	9.85E-08
46	366821	3756715	Residence	5.62E+00	5.74E+00	4.01E-01	8.53E-04	3.15E-04	1.26E-04	1.15E-01	8.86E-05	1.16E-02	NA	1.97E-02	NA	7.13E-05	NA	8.05E-01	1.46E-02	1.39E-02	NA	1.73E-04	5.40E-08	2.68E-03	9.57E-08
47	366790	3756728	Residence	5.57E+00	5.68E+00	3.97E-01	8.45E-04	3.12E-04	1.25E-04	1.14E-01	8.77E-05	1.15E-02	NA	1.95E-02	NA	7.06E-05	NA	7.97E-01	1.45E-02	1.38E-02	NA	1.71E-04	5.35E-08	2.65E-03	9.47E-08
48	366745	3756823	Residence	5.48E+00	5.59E+00	3.91E-01	8.31E-04	3.07E-04	1.23E-04	1.12E-01	8.63E-05	1.13E-02	NA	1.92E-02	NA	6.97E-05	NA	7.85E-01	1.43E-02	1.36E-02	NA	1.69E-04	5.28E-08	2.61E-03	9.32E-08
49	366700	3756919	Residence	5.28E+00	5.39E+00	3.77E-01	8.01E-04	2.96E-04	1.18E-04	1.08E-01	8.32E-05	1.09E-02	NA	1.85E-02	NA	6.78E-05	NA	7.56E-01	1.38E-02	1.31E-02	NA	1.64E-04	5.14E-08	2.52E-03	8.99E-08
50	366655	3757014	Residence	5.00E+00	5.10E+00	3.56E-01	7.58E-04	2.80E-04	1.12E-04	1.02E-01	7.87E-05	1.03E-02	NA	1.75E-02	NA	6.43E-05	NA	7.15E-01	1.30E-02	1.24E-02	NA	1.56E-04	4.87E-08	2.38E-03	8.50E-08
51	366608	3757113	Residence	4.59E+00	4.68E+00	3.27E-01	6.97E-04	2.58E-04	1.03E-04	9.40E-02	7.23E-05	9.50E-03	NA	1.61E-02	NA	5.96E-05	NA	6.58E-01	1.20E-02	1.14E-02	NA	1.45E-04	4.52E-08	2.19E-03	7.82E-08
52	366561	3757212	Residence	4.16E+00	4.24E+00	2.96E-01	6.30E-04	2.33E-04	9.32E-05	8.51E-02	6.54E-05	8.59E-03	NA	1.45E-02	NA	5.44E-05	NA	5.95E-01	1.08E-02	1.03E-02	NA	1.32E-04	4.12E-08	1.98E-03	7.08E-08
53	366514	3757311	Residence	3.68E+00	3.76E+00	2.63E-01	5.59E-04	2.07E-04	8.27E-05	7.54E-02	5.80E-05	7.62E-03	NA	1.29E-02	NA	4.85E-05	NA	5.27E-01	9.59E-03	9.16E-03	NA	1.18E-04	3.68E-08	1.76E-03	6.28E-08
54	366464	3757416	Residence	3.47E+00	3.53E+00	2.47E-01	5.26E-04	1.94E-04	7.78E-05	7.09E-02	5.46E-05	7.17E-03	NA	1.21E-02	NA	4.35E-05	NA	4.96E-01	9.02E-03	8.57E-03	NA	1.05E-04	3.29E-08	1.65E-03	5.90E-08
55	366415	3757520	Residence	3.51E+00	3.58E+00	2.50E-01	5.32E-04	1.97E-04	7.87E-05	7.18E-02	5.52E-05	7.25E-03	NA	1.23E-02	NA	4.43E-05	NA	5.02E-01	9.13E-03	8.68E-03	NA	1.07E-04	3.36E-08	1.67E-03	5.97E-08
56	366434	3757556	Residence	3.56E+00	3.63E+00	2.54E-01	5.40E-04	2.00E-04	7.99E-05	7.29E-02	5.61E-05	7.36E-03	NA	1.24E-02	NA	4.51E-05	NA	5.10E-01	9.27E-03	8.81E-03	NA	1.09E-04	3.41E-08	1.70E-03	6.06E-08
57	366484	3757562	Residence	3.63E+00	3.71E+00	2.59E-01	5.51E-04	2.04E-04	8.15E-05	7.44E-02	5.72E-05	7.52E-03	NA	1.27E-02	NA	4.60E-05	NA	5.20E-01	9.46E-03	8.99E-03	NA	1.12E-04	3.49E-08	1.73E-03	6.18E-08
58	366567	3757525	Residence	3.74E+00	3.82E+00	2.67E-01	5.68E-04	2.10E-04	8.40E-05	7.66E-02	5.89E-05	7.74E-03	NA	1.31E-02	NA	4.73E-05	NA	5.36E-01	9.74E-03	9.26E-03	NA	1.15E-04	3.58E-08	1.78E-03	6.37E-08
59	366621	3757539	Residence	3.83E+00	3.91E+00	2.73E-01	5.81E-04	2.15E-04	8.60E-05	7.85E-02	6.04E-05	7.93E-03	NA	1.34E-02	NA	4.86E-05	NA	5.49E-01	9.98E-03	9.49E-03	NA	1.18E-04	3.68E-08	1.83E-03	6.52E-08
60	366646	3757556	Residence	3.88E+00	3.96E+00	2.77E-01	5.89E-04	2.18E-04	8.70E-05	7.94E-02	6.11E-05	8.03E-03	NA	1.36E-02	NA	4.94E-05	NA	5.56E-01	1.01E-02	9.61E-03	NA	1.20E-04	3.74E-08	1.85E-03	6.60E-08
61	366713	3757550	Residence	3.98E+00	4.06E+00	2.84E-01	6.04E-04	2.23E-04	8.94E-05	8.16E-02	6.27E-05	8.24E-03	NA	1.39E-02	NA	5.07E-05	NA	5.71E-01	1.04E-02	9.87E-03	NA	1.23E-04	3.84E-08	1.90E-03	6.78E-08
62	366779	3757545	Residence	4.09E+00	4.17E+00	2.92E-01	6.21E-04	2.29E-04	9.18E-05	8.37E-02	6.44E-05	8.46E-03	NA	1.43E-02	NA	5.20E-05	NA	5.86E-01	1.06E-02	1.01E-02	NA	1.26E-04	3.94E-08	1.95E-03	6.96E-08
63	366839	3757583	Residence	4.18E+00	4.26E+00	2.98E-01	6.33E-04	2.34E-04	9.36E-05	8.55E-02	6.57E-05	8.64E-03	NA	1.46E-02	NA	5.33E-05	NA	5.98E-01	1.09E-02	1.03E-02	NA	1.29E-04	4.04E-08	1.99E-03	7.11E-08
64	366913	3757623	Residence	4.26E+00	4.34E+00	3.04E-01	6.46E-04	2.39E-04	9.55E-05	8.72E-02	6.70E-05	8.81E-03	NA	1.49E-02	NA	5.46E-05	NA	6.10E-01	1.11E-02	1.06E-02	NA	1.32E-04	4.13E-08	2.03E-03	7.25E-08
65	366986	3757664	Residence	4.30E+00	4.39E+00	3.07E-01	6.53E-04	2.41E-04	9.65E-05	8.81E-02	6.78E-05	8.90E-03	NA	1.51E-02	NA	5.55E-05	NA	6.16E-01	1.12E-02	1.07E-02	NA	1.35E-04	4.21E-08	2.05E-03	7.33E-08
66	367074	3757713	Residence	4.31E+00	4.39E+00	3.07E-01	6.53E-04	2.41E-04	9.66E-05	8.81E-02	6.78E-05	8.90E-03	NA	1.51E-02	NA	5.59E-05	NA	6.16E-01	1.12E-02	1.07E-02	NA	1.35E-04	4.23E-08	2.05E-03	7.33E-08

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
67	367162	3757761	Residence	4.26E+00	4.34E+00	3.03E-01	6.45E-04	2.39E-04	9.54E-05	8.71E-02	6.70E-05	8.80E-03	NA	1.49E-02	NA	5.58E-05	NA	6.09E-01	1.11E-02	1.06E-02	NA	1.35E-04	4.23E-08	2.03E-03	7.25E-08
68	367300	3757718	Residence	4.52E+00	4.61E+00	3.22E-01	6.85E-04	2.53E-04	1.01E-04	9.25E-02	7.11E-05	9.34E-03	NA	1.58E-02	NA	5.92E-05	NA	6.47E-01	1.18E-02	1.12E-02	NA	1.44E-04	4.49E-08	2.15E-03	7.69E-08
69	367385	3757734	Residence	4.51E+00	4.60E+00	3.22E-01	6.84E-04	2.53E-04	1.01E-04	9.23E-02	7.10E-05	9.33E-03	NA	1.58E-02	NA	5.95E-05	NA	6.46E-01	1.17E-02	1.12E-02	NA	1.44E-04	4.51E-08	2.15E-03	7.69E-08
70	367398	3757758	Residence	4.42E+00	4.51E+00	3.15E-01	6.71E-04	2.48E-04	9.92E-05	9.05E-02	6.97E-05	9.15E-03	NA	1.55E-02	NA	5.85E-05	NA	6.33E-01	1.15E-02	1.10E-02	NA	1.42E-04	4.43E-08	2.11E-03	7.54E-08
71	367506	3757818	Residence	4.16E+00	4.24E+00	2.96E-01	6.30E-04	2.33E-04	9.32E-05	8.51E-02	6.54E-05	8.59E-03	NA	1.46E-02	NA	5.57E-05	NA	5.95E-01	1.08E-02	1.04E-02	NA	1.35E-04	4.22E-08	1.98E-03	7.09E-08
72	367533	3757826	Residence	4.12E+00	4.20E+00	2.93E-01	6.24E-04	2.31E-04	9.24E-05	8.43E-02	6.48E-05	8.51E-03	NA	1.44E-02	NA	5.53E-05	NA	5.89E-01	1.07E-02	1.03E-02	NA	1.34E-04	4.19E-08	1.97E-03	7.02E-08
73	367561	3757814	Residence	4.18E+00	4.26E+00	2.98E-01	6.34E-04	2.34E-04	9.38E-05	8.55E-02	6.58E-05	8.64E-03	NA	1.46E-02	NA	5.61E-05	NA	5.98E-01	1.09E-02	1.04E-02	NA	1.36E-04	4.25E-08	2.00E-03	7.13E-08
78	367786	3757842	Residence	3.92E+00	3.99E+00	2.79E-01	5.94E-04	2.20E-04	8.79E-05	8.01E-02	6.16E-05	8.09E-03	NA	1.37E-02	NA	5.38E-05	NA	5.60E-01	1.02E-02	9.79E-03	NA	1.30E-04	4.08E-08	1.87E-03	6.68E-08
79	367782	3757935	Residence	3.31E+00	3.38E+00	2.36E-01	5.02E-04	1.86E-04	7.43E-05	6.77E-02	5.21E-05	6.84E-03	NA	1.16E-02	NA	4.62E-05	NA	4.74E-01	8.61E-03	8.29E-03	NA	1.12E-04	3.50E-08	1.58E-03	5.65E-08
80	367752	3757969	Residence	3.13E+00	3.19E+00	2.23E-01	4.74E-04	1.75E-04	7.02E-05	6.40E-02	4.92E-05	6.46E-03	NA	1.10E-02	NA	4.39E-05	NA	4.47E-01	8.13E-03	7.83E-03	NA	1.06E-04	3.32E-08	1.49E-03	5.34E-08
81	367775	3758021	Residence	2.78E+00	2.83E+00	1.98E-01	4.21E-04	1.56E-04	6.23E-05	5.68E-02	4.37E-05	5.74E-03	NA	9.73E-03	NA	3.94E-05	NA	3.97E-01	7.22E-03	6.97E-03	NA	9.55E-05	2.98E-08	1.33E-03	4.74E-08
82	367808	3758034	Residence	2.66E+00	2.72E+00	1.90E-01	4.04E-04	1.49E-04	5.98E-05	5.45E-02	4.19E-05	5.50E-03	NA	9.34E-03	NA	3.79E-05	NA	3.81E-01	6.92E-03	6.68E-03	NA	9.18E-05	2.87E-08	1.27E-03	4.55E-08
83	367866	3758009	Residence	2.73E+00	2.78E+00	1.94E-01	4.13E-04	1.53E-04	6.12E-05	5.57E-02	4.29E-05	5.63E-03	NA	9.55E-03	NA	3.89E-05	NA	3.90E-01	7.09E-03	6.84E-03	NA	9.42E-05	2.94E-08	1.30E-03	4.66E-08
84	367924	3757985	Residence	2.79E+00	2.84E+00	1.99E-01	4.23E-04	1.56E-04	6.26E-05	5.70E-02	4.39E-05	5.76E-03	NA	9.78E-03	NA	3.99E-05	NA	3.99E-01	7.25E-03	7.00E-03	NA	9.67E-05	3.02E-08	1.33E-03	4.77E-08
85	367938	3757954	Residence	2.97E+00	3.03E+00	2.11E-01	4.50E-04	1.66E-04	6.66E-05	6.07E-02	4.67E-05	6.13E-03	NA	1.04E-02	NA	4.23E-05	NA	4.24E-01	7.72E-03	7.45E-03	NA	1.02E-04	3.20E-08	1.42E-03	5.07E-08
86	367928	3757923	Residence	3.20E+00	3.26E+00	2.28E-01	4.85E-04	1.79E-04	7.18E-05	6.54E-02	5.03E-05	6.61E-03	NA	1.12E-02	NA	4.52E-05	NA	4.57E-01	8.32E-03	8.02E-03	NA	1.10E-04	3.42E-08	1.53E-03	5.46E-08
87	367915	3757953	Residence	3.00E+00	3.06E+00	2.14E-01	4.55E-04	1.68E-04	6.74E-05	6.14E-02	4.73E-05	6.21E-03	NA	1.05E-02	NA	4.27E-05	NA	4.30E-01	7.81E-03	7.54E-03	NA	1.04E-04	3.24E-08	1.44E-03	5.13E-08
88	368017	3757908	Residence	3.16E+00	3.22E+00	2.25E-01	4.78E-04	1.77E-04	7.08E-05	6.45E-02	4.96E-05	6.52E-03	NA	1.11E-02	NA	4.50E-05	NA	4.51E-01	8.21E-03	7.92E-03	NA	1.09E-04	3.41E-08	1.51E-03	5.39E-08
89	368119	3757863	Residence	3.32E+00	3.39E+00	2.36E-01	5.03E-04	1.86E-04	7.45E-05	6.79E-02	5.22E-05	6.86E-03	NA	1.16E-02	NA	4.75E-05	NA	4.75E-01	8.63E-03	8.34E-03	NA	1.15E-04	3.60E-08	1.59E-03	5.67E-08
90	368180	3757839	Residence	3.43E+00	3.49E+00	2.44E-01	5.19E-04	1.92E-04	7.69E-05	7.00E-02	5.39E-05	7.08E-03	NA	1.20E-02	NA	4.88E-05	NA	4.90E-01	8.91E-03	8.60E-03	NA	1.18E-04	3.70E-08	1.64E-03	5.85E-08
91	368242	3757814	Residence	3.67E+00	3.75E+00	2.62E-01	5.57E-04	2.06E-04	8.25E-05	7.51E-02	5.78E-05	7.59E-03	NA	1.29E-02	NA	5.02E-05	NA	5.25E-01	9.55E-03	9.17E-03	NA	1.22E-04	3.80E-08	1.75E-03	6.27E-08
92	368318	3757785	Residence	4.03E+00	4.11E+00	2.87E-01	6.11E-04	2.26E-04	9.05E-05	8.24E-02	6.34E-05	8.33E-03	NA	1.41E-02	NA	5.19E-05	NA	5.77E-01	1.05E-02	9.99E-03	NA	1.26E-04	3.93E-08	1.92E-03	6.86E-08
93	368407	3757788	Residence	4.67E+00	4.77E+00	3.34E-01	7.10E-04	2.63E-04	1.05E-04	9.58E-02	7.37E-05	9.68E-03	NA	1.63E-02	NA	5.19E-05	NA	6.70E-01	1.22E-02	1.14E-02	NA	1.26E-04	3.93E-08	2.22E-03	7.93E-08
94	368505	3757789	Residence	5.45E+00	5.56E+00	3.89E-01	8.28E-04	3.07E-04	1.23E-04	1.12E-01	8.59E-05	1.13E-02	NA	1.90E-02	NA	6.14E-05	NA	7.81E-01	1.42E-02	1.33E-02	NA	1.49E-04	4.65E-08	2.59E-03	9.25E-08
95	368603	3757790	Residence	6.30E+00	6.42E+00	4.50E-01	9.57E-04	3.54E-04	1.42E-04	1.29E-01	9.93E-05	1.30E-02	NA	2.20E-02	NA	7.21E-05	NA	9.03E-01	1.64E-02	1.54E-02	NA	1.75E-04	5.46E-08	3.00E-03	1.07E-07
96	368628	3757765	Residence	6.43E+00	6.56E+00	4.59E-01	9.76E-04	3.62E-04	1.45E-04	1.32E-01	1.01E-04	1.33E-02	NA	2.24E-02	NA	7.33E-05	NA	9.22E-01	1.68E-02	1.57E-02	NA	1.78E-04	5.55E-08	3.06E-03	1.09E-07
97	368676	3757781	Residence	6.93E+00	7.07E+00	4.95E-01	1.05E-03	3.90E-04	1.56E-04	1.42E-01	1.09E-04	1.44E-02	NA	2.42E-02	NA	8.00E-05	NA	9.93E-01	1.81E-02	1.70E-02	NA	1.94E-04	6.06E-08	3.30E-03	1.18E-07
98	368759	3757821	Residence	7.77E+00	7.93E+00	5.55E-01	1.18E-03	4.37E-04	1.75E-04	1.59E-01	1.23E-04	1.61E-02	NA	2.72E-02	NA	9.22E-05	NA	1.11E+00	2.03E-02	1.91E-02	NA	2.23E-04	6.98E-08	3.70E-03	1.32E-07
99	368839	3757872	Residence	8.41E+00	8.57E+00	5.99E-01	1.28E-03	4.72E-04	1.89E-04	1.72E-01	1.32E-04	1.74E-02	NA	2.94E-02	NA	1.03E-04	NA	1.20E+00	2.19E-02	2.07E-02	NA	2.50E-04	7.80E-08	4.00E-03	1.43E-07
100	368921	3757924	Residence	8.74E+00	8.91E+00	6.23E-01	1.33E-03	4.90E-04	1.96E-04	1.79E-01	1.38E-04	1.81E-02	NA	3.06E-02	NA	1.11E-04	NA	1.25E+00	2.28E-02	2.16E-02	NA	2.69E-04	8.39E-08	4.16E-03	1.49E-07
101	369004	3757976	Residence	8.70E+00	8.87E+00	6.20E-01	1.32E-03	4.88E-04	1.95E-04	1.78E-01	1.37E-04	1.80E-02	NA	3.04E-02	NA	1.14E-04	NA	1.24E+00	2.26E-02	2.16E-02	NA	2.77E-04	8.65E-08	4.15E-03	1.48E-07
102	369038	3757969	Residence	8.79E+00	8.97E+00	6.27E-01	1.33E-03	4.93E-04	1.97E-04	1.80E-01	1.38E-04	1.82E-02	NA	3.08E-02	NA	1.17E-04	NA	1.26E+00	2.29E-02	2.19E-02	NA	2.82E-04	8.83E-08	4.19E-03	1.50E-07
103	369101	3757878	Residence	9.64E+00	9.83E+00	6.87E-01	1.46E-03	5.41E-04	2.16E-04	1.97E-01	1.52E-04	1.99E-02	NA	3.37E-02	NA	1.27E-04	NA	1.38E+00	2.51E-02	2.40E-02	NA	3.08E-04	9.62E-08	4.60E-03	1.64E-07
104	369067	3757885	Residence	9.52E+00	9.70E+00	6.78E-01	1.44E-03	5.34E-04	2.13E-04	1.95E-01	1.50E-04	1.97E-02	NA	3.33E-02	NA	1.24E-04	NA	1.36E+00	2.48E-02	2.36E-02	NA	3.01E-04	9.41E-08	4.54E-03	1.62E-07
105	369139	3757930	Residence	9.17E+00	9.36E+00	6.54E-01	1.39E-03	5.14E-04	2.06E-04	1.88E-01	1.44E-04	1.90E-02	NA	3.21E-02	NA	1.24E-04	NA	1.31E+00	2.39E-02	2.29E-02	NA	3.01E-04	9.41E-08	4.38E-03	1.56E-07
106	369211	3757974	Residence	8.51E+00	8.68E+00	6.06E-01	1.29E-03	4.77E-04	1.91E-04	1.74E-01	1.34E-04	1.76E-02	NA	2.98E-02	NA	1.20E-04	NA	1.22E+00	2.21E-02	2.13E-02	NA	2.90E-04	9.06E-08	4.07E-03	1.45E-07
107	369243	3757968	Residence	8.44E+00	8.61E+00	6.01E-01	1.28E-03	4.73E-04	1.89E-04	1.73E-01	1.33E-04	1.74E-02	NA	2.96E-02	NA	1.20E-04	NA	1.21E+00	2.19E-02	2.12E-02	NA	2.90E-04	9.07E-08	4.03E-03	1.44E-07
108	369305	3757894	Residence	9.11E+00	9.29E+00	6.48E-01	1.38E-03	5.10E-04	2.04E-04	1.86E-01	1.43E-04	1.88E-02	NA	3.19E-02	NA	1.30E-04	NA	1.30E+00	2.37E-02	2.28E-02	NA	3.15E-04	9.83E-08	4.35E-03	1.55E-07
109	369366	3757820	Residence	9.87E+00	1.01E+01	7.03E-01	1.50E-03	5.53E-04	2.21E-04	2.02E-01	1.55E-04	2.04E-02	NA	3.46E-02	NA	1.42E-04	NA	1.41E+00	2.57E-02	2.48E-02	NA	3.43E-04	1.07E-07	4.72E-03	1.68E-07
110	369436	3757794	Residence	9.80E+00	9.99E+00	6.97E-01	1.48E-03	5.48E-04	2.19E-04	2.00E-01	1.54E-04	2.02E-02	NA	3.44E-02	NA	1.44E-04	NA	1.40E+00	2.55E-02	2.47E-02	NA	3.49E-04	1.09E-07	4.69E-03	1.67E-07
111	369435	3757760	Residence	1.04E+01	1.06E+01	7.43E-01	1.58E-03	5.84E-04	2.34E-04	2.13E-01	1.64E-04	2.15E-02	NA	3.66E-02	NA	1.52E-04	NA	1.49E+00	2.71E-02	2.62E-02	NA	3.68E-04	1.15E-07	4.99E-03	1.78E-07
112	369251	3758017	Residence	7.81E+00	7.96E+00	5.56E-01	1.18E-03	4.37E-04	1.75E-04	1.60E-01	1.23E-04	1.61E-02	NA	2.74E-02	NA	1.12E-04	NA	1.12E+00	2.03E-02	1.96E-02	NA	2.72E-04	8.50E-08	3.73E-03	1.33E-07
113	369344	3758083	Residence	6.36E+00	6.48E+00	4.52E-01	9.63E-04	3.56E-04	1.42E-04	1.30E-01	9.99E-05	1.31E-02	NA	2.23E-02	NA	9.61E-05	NA	9.08E-01	1.65E-02	1.61E-02	NA	2.33E-04	7.28E-08	3.04E-03	1.09E-07
114	369437	3758148	Residence	5.07E+00	5.17E+00	3.60E-01	7.67E-04	2.84E-04	1.14E-04	1.04E-01	7.96E-05	1.05E-02	NA	1.78E-02	NA	7.62E-05	NA	7.24E-01	1.32E-02	1.28E-02	NA	1.85E-04	5.77E-08	2.43E-03	8.67E-08
115	369429	3758218	Residence	5.01E+00	5.11E+00	3.57E-01	7.60E-04	2.82E-04	1.13E-04	1.03E-01	7.89E-05	1.04E-02	NA	1.76E-02	NA	6.72E-05	NA	7.17E-01	1.30E-02	1.25E-02	NA	1.63E-04	5.09E-08	2.39E-03	8.55E-08
116	369432	3758306	Residence	5.08E+00	5.18E+00	3.63E-01	7.71E-04	2.86E-04	1.14E-04	1.04E-01	8.01E-05	1.05E-02	NA	1.77E-02	NA	5.59E-05	NA	7.28E-01	1.32E-02	1.24E-02	NA	1.35E-04	4.23E-08	2.41E-03	8.62E-08
117	369435	3758395	Residence	5.11E+00	5.21E+00	3.65E-01	7.77E-04	2.88E-04	1.15E-04	1.05E-01	8.06E-05	1.06E-02	NA	1.78E-02	NA	5.49E-05	NA	7.33E-01	1.33E-02	1.24E-02	NA	1.33E-04	4.15E-08	2.43E-03	8.67E-08
118	369460	3758419	Residence	5.38E+00	5.48E+00	3.84E-01	8.17E-04	3.03E-04	1.21E-04	1.10E-01	8.48E-05	1.11E-02	NA	1.88E-02	NA	5.86E-05	NA	7.71E-01	1.40E-02	1.31E-02	NA	1.42E-04	4.44E-08	2.55E-03	9.12E-08
119	369558	3758419	Residence	6.39E+00	6.51E+00	4.56E-01	9.70E-04	3.59E-04	1.44E-04	1.31E-01	1.01E-04	1.32E-02	NA	2.23E-02	NA	7.31E-05	NA	9.16E-01	1.66E-02	1.56E-02	NA	1.77E-04	5.54E-08	3.04E-03	1.08E-07
120	369657	3758419	Residence	7.30E+00	7.44E+00	5.20E-01	1.11E-03	4.10E-04	1.64E-04	1.49E-01	1.15E-04	1.51E-02	NA	2.55E-02	NA	8.75E-05	NA	1.05E+00	1.90E-02	1.80E-02	NA	2.12E-04	6.63E-08	3.47E-03	1.24E-07
121	369755	3758419	Residence	8.00E+00	8.16E+00	5.70E-01	1.21E-03	4.49E-04	1.80E-04	1.64E-01	1.26E-04	1.65E-02	NA	2.80E-02	NA	1.01E-04	NA	1.15E+00	2.08E-02	1.98E-02	NA	2.44E-04	7.61E-08	3.81E-03	1.36E-07
122	369853	3758419	Residence	8.40E+00	8.56E+00	5.98E-01	1.27E-03	4.71E-04	1.88E-04	1.72E-01	1.32E-04	1.74E-02	NA	2.94E-02	NA	1.10E-04	NA	1.20E+00	2.18E-02	2.09E-02	NA	2.68E-04	8.36E-08	4.00E-03	1.43E-07
123	369878	3758394	Residence	8.59E+00	8.76E+00	6.12E-01	1.30E-03	4.82E-04	1.93E-04	1.76E-01	1.35E-04	1.78E-02	NA	3.01E-02	NA	1.14E-04	NA	1.23E+00	2.24E-02	2.14E-02	NA	2.76E-04	8.63E-08	4.10E-03	1.46E-07
124	369877	3758289	Residence	9.28E+00	9.46E+00	6.61E-01	1.41E-03	5.21E-04	2.08E-04	1.90E-01	1.46E-04	1.92E-02	NA	3.25E-02	NA	1.22E-04	NA	1.33E+00	2.41E-02	2.31E-02	NA	2.96E-04	9.24E-08	4.43E-03	1.58E-07
125	369876	3758183	Residence	1.00E+01	1.02E+01	7.16E-01	1.52E-03	5.64E-04	2.26E-04	2.06E-01	1.58E-04	2.08E-02	NA	3.51E-02	NA	1.31E-04	NA	1.44E+00	2.61E-02	2.49E-02	NA	3.17E-04	9.89E-08	4.79E-03	1.71E-07
126	369962	3758103	Residence	1.09E+01	1.12E+01	7.79E-01	1.66E-03	6.13E-04	2.45E-04	2.24E-01	1.72E-04	2.26E-02	NA	3.83E-02	NA	1.48E-04	NA	1.56E+00	2.84E-02	2.73E-02	NA	3.59E-04	1.12E-07	5.22E-03	1.86E-07
127	370075	3758103	Residence	1.05E+01	1.07E+01	7.49E-01	1.59E-03	5.90E-04	2.36E-04	2.15E-01	1.66E-04	2.17E-02	NA	3.69E-02	NA	1.52E-04	NA	1.51E+00	2.74E-02	2.65E-02	NA	3.68E-04	1.15E-07	5.03E-03	1.80E-07
128	370187	3758103	Residence	9.35E+00	9.53E+00	6.65E-01	1.42E-03	5.23E-04	2.09E-04	1.91E-01	1.47E-04	1.93E-02	NA	3.28E-02	NA	1.43E-04	NA	1.34E+00	2.43E-02	2.37E-02	NA	3.47E-04	1.08E-07	4.48E-03	1.60E-07
129	370299	3758103	Residence	7.63E+00	7.78E+00	5.43E-01	1.15E-03	4.27E-04	1.71E-04	1.56E-01	1.20E-04	1.57E-02	NA	2.68E-02	NA	1.23E-04	NA	1.09E+00	1.98E-02	1.95E-02	NA	2.98E-04	9.32E-08	3.66E-03	1.31E-07
136	370506	3758113	Residence	4.26E+00	4.34E+00	3.03E-01	6.44E-04	2.38E-04	9.54E-05	8.69E-02	6.68E-05	8.78E-03	NA	1.50E-02	NA	7.15E-05	NA	6.08E-01	1.11E-02	1.09E-02	NA	1.73E-04	5.41E-08	2.05E-03	7.31E-08
137	370601	3758113	Residence	4.47E+00	4.56E+00	3.19E-01	6.78E-04	2.51E-04	1.00E-04	9.15E-02	7.04E-05	9.25E-03	NA	1.57E-02	NA	5.90E-05	NA	6.40E-01	1.16E-02	1.11E-02	NA	1.43E-04	4.47E-08	2.13E-03	7.62E-08
138	370696	3758114	Residence	4.53E+00	4.62E+00	3.23E-01	6.87E-04	2.54E-04	1.02E-04	9.27E-02	7.13E-05	9.37E-03	NA	1.59E-02	NA	6.17E-05	NA	6.48E-01	1.18E-02	1.13E-02	NA	1.50E-04	4.68E-08	2.16E-03	7.73E-08
139	370791	3758114	Residence	4.43E+00	4.52E+00	3.15E-01	6.71E-04	2.48E-04	9.92E-05	9.06E-02	6.97E-05	9.15E-03	NA	1.55E-02	NA	6.19E-05	NA	6.33E-01	1.15E-02	1.11E-02	NA	1.50E-04	4.69E-08	2.12E-03	7.56E-08
140	370886	3758114	Residence	4.18E+00	4.27E+00	2.98E-01	6.34E-04	2.34E-04	9.37E-05	8.55E-02	6.58E-05	8.64E-03	NA	1.47E-02	NA	5.99E-05	NA	5.98E-01	1.09E-02	1.05E-02	NA	1.45E-04	4.53E-08	2.00E-03	7.14E-08

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
154	371170	3757732	Residence	1.03E+01	1.05E+01	7.35E-01	1.56E-03	5.79E-04	2.32E-04	2.11E-01	1.62E-04	2.13E-02	NA	3.61E-02	NA	1.40E-04	NA	1.48E+00	2.68E-02	2.58E-02	NA	3.40E-04	1.06E-07	4.93E-03	1.76E-07
155	371240	3757783	Residence	9.70E+00	9.90E+00	6.91E-01	1.47E-03	5.44E-04	2.18E-04	1.99E-01	1.53E-04	2.01E-02	NA	3.40E-02	NA	1.33E-04	NA	1.39E+00	2.52E-02	2.42E-02	NA	3.21E-04	1.00E-07	4.63E-03	1.65E-07
156	371264	3757808	Residence	9.43E+00	9.61E+00	6.72E-01	1.43E-03	5.29E-04	2.11E-04	1.93E-01	1.48E-04	1.95E-02	NA	3.30E-02	NA	1.29E-04	NA	1.35E+00	2.45E-02	2.35E-02	NA	3.12E-04	9.74E-08	4.50E-03	1.61E-07
157	371372	3757807	Residence	9.21E+00	9.40E+00	6.56E-01	1.40E-03	5.16E-04	2.07E-04	1.88E-01	1.45E-04	1.90E-02	NA	3.23E-02	NA	1.28E-04	NA	1.32E+00	2.40E-02	2.31E-02	NA	3.11E-04	9.72E-08	4.40E-03	1.57E-07
158	371385	3757827	Residence	9.03E+00	9.21E+00	6.43E-01	1.37E-03	5.06E-04	2.03E-04	1.85E-01	1.42E-04	1.87E-02	NA	3.16E-02	NA	1.25E-04	NA	1.29E+00	2.35E-02	2.26E-02	NA	3.04E-04	9.50E-08	4.31E-03	1.54E-07
159	371485	3757895	Residence	8.27E+00	8.44E+00	5.89E-01	1.25E-03	4.64E-04	1.85E-04	1.69E-01	1.30E-04	1.71E-02	NA	2.90E-02	NA	1.15E-04	NA	1.18E+00	2.15E-02	2.07E-02	NA	2.79E-04	8.72E-08	3.95E-03	1.41E-07
160	371585	3757964	Residence	7.61E+00	7.76E+00	5.42E-01	1.15E-03	4.26E-04	1.70E-04	1.56E-01	1.20E-04	1.57E-02	NA	2.66E-02	NA	1.06E-04	NA	1.09E+00	1.98E-02	1.90E-02	NA	2.57E-04	8.02E-08	3.63E-03	1.30E-07
161	371684	3758032	Residence	7.01E+00	7.15E+00	4.99E-01	1.06E-03	3.93E-04	1.57E-04	1.43E-01	1.10E-04	1.45E-02	NA	2.46E-02	NA	9.76E-05	NA	1.00E+00	1.82E-02	1.75E-02	NA	2.37E-04	7.39E-08	3.35E-03	1.20E-07
162	371784	3758101	Residence	6.48E+00	6.61E+00	4.62E-01	9.82E-04	3.63E-04	1.45E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.27E-02	NA	9.02E-05	NA	9.27E-01	1.69E-02	1.62E-02	NA	2.19E-04	6.83E-08	3.10E-03	1.11E-07
163	371818	3758095	Residence	6.38E+00	6.50E+00	4.54E-01	9.66E-04	3.57E-04	1.43E-04	1.30E-01	1.00E-04	1.32E-02	NA	2.23E-02	NA	8.90E-05	NA	9.12E-01	1.66E-02	1.60E-02	NA	2.16E-04	6.74E-08	3.05E-03	1.09E-07
164	371873	3758022	Residence	6.50E+00	6.63E+00	4.63E-01	9.85E-04	3.64E-04	1.46E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.28E-02	NA	8.87E-05	NA	9.30E-01	1.69E-02	1.62E-02	NA	2.15E-04	6.72E-08	3.10E-03	1.11E-07
165	371928	3757949	Residence	6.69E+00	6.83E+00	4.77E-01	1.01E-03	3.75E-04	1.50E-04	1.37E-01	1.05E-04	1.38E-02	NA	2.34E-02	NA	9.26E-05	NA	9.58E-01	1.74E-02	1.67E-02	NA	2.24E-04	7.01E-08	3.20E-03	1.14E-07
166	371969	3757946	Residence	6.57E+00	6.70E+00	4.68E-01	9.97E-04	3.68E-04	1.47E-04	1.34E-01	1.03E-04	1.36E-02	NA	2.30E-02	NA	9.12E-05	NA	9.41E-01	1.71E-02	1.64E-02	NA	2.21E-04	6.90E-08	3.14E-03	1.12E-07
167	371989	3757924	Residence	6.56E+00	6.69E+00	4.67E-01	9.94E-04	3.67E-04	1.47E-04	1.34E-01	1.03E-04	1.36E-02	NA	2.30E-02	NA	9.12E-05	NA	9.38E-01	1.71E-02	1.64E-02	NA	2.21E-04	6.91E-08	3.13E-03	1.12E-07
295	370737	3755244	Residence	4.59E+00	4.68E+00	3.27E-01	6.96E-04	2.58E-04	1.03E-04	9.39E-02	7.22E-05	9.49E-03	NA	1.60E-02	NA	5.67E-05	NA	6.57E-01	1.19E-02	1.13E-02	NA	1.37E-04	4.29E-08	2.18E-03	7.80E-08
296	370669	3755237	Residence	4.31E+00	4.40E+00	3.07E-01	6.54E-04	2.42E-04	9.68E-05	8.82E-02	6.79E-05	8.92E-03	NA	1.51E-02	NA	5.64E-05	NA	6.17E-01	1.12E-02	1.07E-02	NA	1.37E-04	4.27E-08	2.06E-03	7.35E-08
297	370571	3755237	Residence	4.42E+00	4.51E+00	3.15E-01	6.70E-04	2.47E-04	9.89E-05	9.04E-02	6.95E-05	9.13E-03	NA	1.55E-02	NA	6.88E-05	NA	6.32E-01	1.15E-02	1.12E-02	NA	1.67E-04	5.21E-08	2.12E-03	7.57E-08
298	370476	3755238	Residence	5.28E+00	5.39E+00	3.76E-01	8.00E-04	2.96E-04	1.18E-04	1.08E-01	8.31E-05	1.09E-02	NA	1.85E-02	NA	7.90E-05	NA	7.55E-01	1.37E-02	1.33E-02	NA	1.92E-04	5.98E-08	2.53E-03	9.03E-08
299	370380	3755238	Residence	5.98E+00	6.09E+00	4.26E-01	9.05E-04	3.35E-04	1.34E-04	1.22E-01	9.40E-05	1.23E-02	NA	2.10E-02	NA	8.60E-05	NA	8.55E-01	1.55E-02	1.50E-02	NA	2.09E-04	6.52E-08	2.86E-03	1.02E-07
300	370279	3755239	Residence	6.44E+00	6.57E+00	4.59E-01	9.76E-04	3.61E-04	1.44E-04	1.32E-01	1.01E-04	1.33E-02	NA	2.26E-02	NA	8.83E-05	NA	9.22E-01	1.68E-02	1.61E-02	NA	2.14E-04	6.69E-08	3.08E-03	1.10E-07
301	370177	3755240	Residence	6.91E+00	7.04E+00	4.91E-01	1.05E-03	3.86E-04	1.55E-04	1.41E-01	1.09E-04	1.43E-02	NA	2.43E-02	NA	1.08E-04	NA	9.87E-01	1.79E-02	1.75E-02	NA	2.61E-04	8.16E-08	3.31E-03	1.18E-07
302	370076	3755240	Residence	8.31E+00	8.47E+00	5.91E-01	1.26E-03	4.65E-04	1.86E-04	1.70E-01	1.31E-04	1.71E-02	NA	2.91E-02	NA	1.23E-04	NA	1.19E+00	2.16E-02	2.09E-02	NA	2.99E-04	9.34E-08	3.98E-03	1.42E-07
303	369979	3755241	Residence	9.28E+00	9.47E+00	6.61E-01	1.41E-03	5.20E-04	2.08E-04	1.90E-01	1.46E-04	1.92E-02	NA	3.25E-02	NA	1.31E-04	NA	1.33E+00	2.41E-02	2.33E-02	NA	3.18E-04	9.95E-08	4.44E-03	1.58E-07
304	369883	3755241	Residence	9.76E+00	9.96E+00	6.96E-01	1.48E-03	5.48E-04	2.19E-04	2.00E-01	1.54E-04	2.02E-02	NA	3.42E-02	NA	1.31E-04	NA	1.40E+00	2.54E-02	2.43E-02	NA	3.18E-04	9.95E-08	4.66E-03	1.66E-07
306	369690	3755242	Residence	1.14E+01	1.16E+01	8.09E-01	1.72E-03	6.36E-04	2.54E-04	2.32E-01	1.79E-04	2.35E-02	NA	3.99E-02	NA	1.74E-04	NA	1.62E+00	2.95E-02	2.88E-02	NA	4.21E-04	1.32E-07	5.44E-03	1.94E-07
307	369594	3755243	Residence	1.33E+01	1.36E+01	9.47E-01	2.02E-03	7.45E-04	2.98E-04	2.72E-01	2.09E-04	2.75E-02	NA	4.67E-02	NA	1.94E-04	NA	1.90E+00	3.46E-02	3.35E-02	NA	4.69E-04	1.47E-07	6.36E-03	2.27E-07
308	369498	3755243	Residence	1.46E+01	1.49E+01	1.04E+00	2.21E-03	8.17E-04	3.27E-04	2.98E-01	2.30E-04	3.01E-02	NA	5.11E-02	NA	2.03E-04	NA	2.09E+00	3.79E-02	3.65E-02	NA	4.91E-04	1.53E-07	6.97E-03	2.49E-07
309	369396	3755244	Residence	1.51E+01	1.54E+01	1.08E+00	2.29E-03	8.47E-04	3.39E-04	3.09E-01	2.38E-04	3.12E-02	NA	5.29E-02	NA	2.00E-04	NA	2.16E+00	3.93E-02	3.76E-02	NA	4.85E-04	1.52E-07	7.21E-03	2.58E-07
310	369295	3755244	Residence	1.48E+01	1.51E+01	1.06E+00	2.25E-03	8.31E-04	3.32E-04	3.03E-01	2.33E-04	3.06E-02	NA	5.18E-02	NA	1.88E-04	NA	2.12E+00	3.86E-02	3.67E-02	NA	4.55E-04	1.42E-07	7.06E-03	2.52E-07
311	369193	3755245	Residence	1.38E+01	1.41E+01	9.85E-01	2.10E-03	7.75E-04	3.10E-04	2.83E-01	2.18E-04	2.86E-02	NA	4.83E-02	NA	1.78E-04	NA	1.98E+00	3.60E-02	3.43E-02	NA	4.31E-04	1.35E-07	6.59E-03	2.35E-07
312	369092	3755245	Residence	1.34E+01	1.36E+01	9.54E-01	2.03E-03	7.50E-04	3.00E-04	2.74E-01	2.11E-04	2.77E-02	NA	4.68E-02	NA	1.76E-04	NA	1.92E+00	3.48E-02	3.33E-02	NA	4.26E-04	1.33E-07	6.38E-03	2.28E-07
313	368991	3755246	Residence	1.32E+01	1.34E+01	9.38E-01	2.00E-03	7.38E-04	2.95E-04	2.69E-01	2.07E-04	2.72E-02	NA	4.60E-02	NA	1.68E-04	NA	1.88E+00	3.42E-02	3.26E-02	NA	4.06E-04	1.27E-07	6.27E-03	2.24E-07
314	368889	3755247	Residence	1.25E+01	1.27E+01	8.88E-01	1.89E-03	6.99E-04	2.80E-04	2.55E-01	1.96E-04	2.58E-02	NA	4.36E-02	NA	1.55E-04	NA	1.78E+00	3.24E-02	3.08E-02	NA	3.75E-04	1.17E-07	5.93E-03	2.12E-07
315	368782	3755247	Residence	1.14E+01	1.16E+01	8.12E-01	1.73E-03	6.39E-04	2.56E-04	2.33E-01	1.79E-04	2.36E-02	NA	3.98E-02	NA	1.38E-04	NA	1.63E+00	2.96E-02	2.80E-02	NA	3.35E-04	1.05E-07	5.42E-03	1.94E-07
316	368676	3755248	Residence	1.01E+01	1.03E+01	7.20E-01	1.53E-03	5.67E-04	2.27E-04	2.07E-01	1.59E-04	2.09E-02	NA	3.53E-02	NA	1.20E-04	NA	1.45E+00	2.63E-02	2.48E-02	NA	2.90E-04	9.07E-08	4.81E-03	1.72E-07
317	368569	3755248	Residence	8.74E+00	8.91E+00	6.23E-01	1.33E-03	4.91E-04	1.96E-04	1.79E-01	1.38E-04	1.81E-02	NA	3.05E-02	NA	1.02E-04	NA	1.25E+00	2.28E-02	2.14E-02	NA	2.47E-04	7.72E-08	4.16E-03	1.48E-07
318	368471	3755249	Residence	7.50E+00	7.64E+00	5.35E-01	1.14E-03	4.22E-04	1.69E-04	1.54E-01	1.18E-04	1.55E-02	NA	2.62E-02	NA	8.63E-05	NA	1.07E+00	1.95E-02	1.84E-02	NA	2.09E-04	6.53E-08	3.56E-03	1.27E-07
319	368373	3755249	Residence	6.41E+00	6.54E+00	4.57E-01	9.72E-04	3.60E-04	1.44E-04	1.31E-01	1.01E-04	1.33E-02	NA	2.24E-02	NA	8.54E-05	NA	9.18E-01	1.67E-02	1.60E-02	NA	2.07E-04	6.47E-08	3.06E-03	1.09E-07
320	368275	3755250	Residence	6.59E+00	6.72E+00	4.70E-01	9.99E-04	3.69E-04	1.48E-04	1.35E-01	1.04E-04	1.36E-02	NA	2.31E-02	NA	8.69E-05	NA	9.43E-01	1.71E-02	1.64E-02	NA	2.11E-04	6.59E-08	3.14E-03	1.12E-07
321	368167	3755230	Residence	6.53E+00	6.66E+00	4.65E-01	9.90E-04	3.66E-04	1.46E-04	1.34E-01	1.03E-04	1.35E-02	NA	2.28E-02	NA	8.55E-05	NA	9.34E-01	1.70E-02	1.62E-02	NA	2.07E-04	6.48E-08	3.11E-03	1.11E-07
322	368054	3755209	Residence	6.42E+00	6.55E+00	4.58E-01	9.74E-04	3.60E-04	1.44E-04	1.31E-01	1.01E-04	1.33E-02	NA	2.25E-02	NA	8.36E-05	NA	9.19E-01	1.67E-02	1.59E-02	NA	2.03E-04	6.33E-08	3.06E-03	1.09E-07
323	367941	3755189	Residence	6.27E+00	6.39E+00	4.47E-01	9.51E-04	3.51E-04	1.41E-04	1.28E-01	9.87E-05	1.30E-02	NA	2.19E-02	NA	8.12E-05	NA	8.97E-01	1.63E-02	1.56E-02	NA	1.97E-04	6.15E-08	2.99E-03	1.07E-07
324	367824	3755185	Residence	6.15E+00	6.27E+00	4.38E-01	9.33E-04	3.45E-04	1.38E-04	1.26E-01	9.68E-05	1.27E-02	NA	2.15E-02	NA	7.91E-05	NA	8.81E-01	1.60E-02	1.52E-02	NA	1.92E-04	5.99E-08	2.93E-03	1.05E-07
325	367711	3755181	Residence	5.99E+00	6.11E+00	4.27E-01	9.08E-04	3.36E-04	1.34E-04	1.23E-01	9.43E-05	1.24E-02	NA	2.09E-02	NA	7.67E-05	NA	8.57E-01	1.56E-02	1.48E-02	NA	1.86E-04	5.81E-08	2.85E-03	1.02E-07
326	367598	3755178	Residence	5.78E+00	5.89E+00	4.12E-01	8.76E-04	3.24E-04	1.30E-04	1.18E-01	9.09E-05	1.19E-02	NA	2.02E-02	NA	7.37E-05	NA	8.27E-01	1.50E-02	1.43E-02	NA	1.79E-04	5.58E-08	2.75E-03	9.83E-08
327	367484	3755174	Residence	5.54E+00	5.65E+00	3.95E-01	8.41E-04	3.11E-04	1.24E-04	1.13E-01	8.73E-05	1.15E-02	NA	1.94E-02	NA	7.04E-05	NA	7.93E-01	1.44E-02	1.37E-02	NA	1.71E-04	5.33E-08	2.64E-03	9.43E-08
328	367461	3755189	Residence	5.50E+00	5.61E+00	3.92E-01	8.34E-04	3.08E-04	1.23E-04	1.13E-01	8.66E-05	1.14E-02	NA	1.92E-02	NA	6.98E-05	NA	7.88E-01	1.43E-02	1.36E-02	NA	1.69E-04	5.29E-08	2.62E-03	9.36E-08
329	367415	3755295	Residence	5.38E+00	5.49E+00	3.84E-01	8.16E-04	3.02E-04	1.21E-04	1.10E-01	8.47E-05	1.11E-02	NA	1.88E-02	NA	6.77E-05	NA	7.71E-01	1.40E-02	1.33E-02	NA	1.64E-04	5.13E-08	2.56E-03	9.16E-08
330	367369	3755401	Residence	5.07E+00	5.17E+00	3.61E-01	7.69E-04	2.84E-04	1.14E-04	1.04E-01	7.98E-05	1.05E-02	NA	1.77E-02	NA	6.32E-05	NA	7.25E-01	1.32E-02	1.25E-02	NA	1.53E-04	4.79E-08	2.41E-03	8.62E-08
331	367324	3755507	Residence	5.13E+00	5.23E+00	3.66E-01	7.78E-04	2.88E-04	1.15E-04	1.05E-01	8.07E-05	1.06E-02	NA	1.79E-02	NA	6.60E-05	NA	7.34E-01	1.33E-02	1.27E-02	NA	1.60E-04	5.00E-08	2.44E-03	8.73E-08
332	367484	3755199	Residence	5.56E+00	5.67E+00	3.97E-01	8.44E-04	3.12E-04	1.25E-04	1.14E-01	8.76E-05	1.15E-02	NA	1.95E-02	NA	7.06E-05	NA	7.96E-01	1.45E-02	1.38E-02	NA	1.71E-04	5.35E-08	2.65E-03	9.46E-08
333	367301	3755623	Residence	5.66E+00	5.77E+00	4.03E-01	8.58E-04	3.17E-04	1.27E-04	1.16E-01	8.91E-05	1.17E-02	NA	1.98E-02	NA	7.24E-05	NA	8.10E-01	1.47E-02	1.40E-02	NA	1.75E-04	5.48E-08	2.70E-03	9.63E-08
334	367114	3756056	Residence	6.45E+00	6.58E+00	4.60E-01	9.79E-04	3.62E-04	1.45E-04	1.32E-01	1.02E-04	1.33E-02	NA	2.26E-02	NA	8.17E-05	NA	9.24E-01	1.68E-02	1.60E-02	NA	1.98E-04	6.19E-08	3.07E-03	1.10E-07
335	366985	3756358	Residence	6.15E+00	6.27E+00	4.38E-01	9.32E-04	3.44E-04	1.38E-04	1.26E-01	9.68E-05	1.27E-02	NA	2.15E-02	NA	7.77E-05	NA	8.80E-01	1.60E-02	1.52E-02	NA	1.88E-04	5.88E-08	2.93E-03	1.05E-07
336	366853	3756663	Residence	5.62E+00	5.73E+00	4.00E-01	8.52E-04	3.15E-04	1.26E-04	1.15E-01	8.84E-05	1.16E-02	NA	1.96E-02	NA	7.09E-05	NA	8.04E-01	1.46E-02	1.39E-02	NA	1.72E-04	5.37E-08	2.67E-03	9.55E-08
337	366902	3756692	Residence	5.79E+00	5.91E+00	4.13E-01	8.79E-04	3.25E-04	1.30E-04	1.19E-01	9.12E-05	1.20E-02	NA	2.03E-02	NA	7.31E-05	NA	8.29E-01	1.51E-02	1.43E-02	NA	1.77E-04	5.54E-08	2.76E-03	9.85E-08
338	366876	3756760	Residence	5.78E+00	5.90E+00	4.12E-01	8.77E-04	3.24E-04	1.30E-04	1.18E-01	9.10E-05	1.20E-02	NA	2.02E-02	NA	7.33E-05	NA	8.28E-01	1.51E-02	1.43E-02	NA	1.78E-04	5.55E-08	2.75E-03	9.84E-08
339	366813	3756739	Residence	5.63E+00	5.74E+00	4.01E-01	8.53E-04	3.15E-04	1.26E-04	1.15E-01	8.86E-05	1.16E-02	NA	1.97E-02	NA	7.13E-05	NA	8.06E-01	1.46E-02	1.39E-02	NA	1.73E-04	5.40E-08	2.68E-03	9.57E-08
340	366677	3757025	Residence	5.00E+00	5.10E+00	3.57E-01	7.59E-04	2.81E-04	1.12E-04	1.02E-01	7.88E-05	1.03E-02	NA	1.75E-02	NA	6.45E-05	NA	7.16E-01	1.30E-02	1.24E-02	NA	1.56E-04	4.88E-08	2.39E-03	8.52E-08
341	366536	3757322	Residence	3.66E+00	3.73E+00	2.61E-01	5.54E-04	2.05E-04	8.20E-05	7.48E-02	5.75E-05	7.56E-03	NA	1.28E-02	NA	4.83E-05	NA	5.23E-01	9.51E-03	9.09E-03	NA	1.17E-04	3.66E-08	1.74E-03	6.23E-08
342	366437	3757531	Residence	3.55E+00	3.62E+00	2.53E-01	5.38E-04	1.99E-04	7.96E-05	7.27E-02	5.59E-05	7.34E-03	NA	1.24E-02	NA	4.49E-05	NA	5.08E-01	9.24E-03	8.78E-03	NA	1.09E-04	3.40E-08	1.69E-03	6.04E-08
343	366487	3757537	Residence	3.63E+00	3.70E+00	2.59E-01	5.50E-04	2.03E-04	8.14E-05	7.43E-02	5.71E-05	7.50E-03	NA	1.27E-02	NA	4.59E-05	NA	5.19E-01	9.44E-03	8.98E-03	NA	1.11E-04	3.48E-08	1.73E-03	6.17E-08
344	366624	3757468	Residence	3.79E+00	3.87E+00	2.70E-01	5.75E-04	2.13E-04	8.51E-05	7.77E-02	5.97E-05	7.85E-03	NA	1.33E-02	NA	4.79E-05	NA	5.43E-01	9.88E-03	9.38E-03	NA	1.16E-04	3.63E-08	1.81E-03	6.45E-08
345	366644	3757531	Residence	3.87E+00	3.94E+00	2.76E-01	5.87E-04	2.17E-04	8.68E-05	7.92E-02	6.09E-05	8.00E-03	NA	1.35E-02	NA	4.90E-05	NA	5.54E-01	1.01E-02	9.57E-03	NA	1.19E-04	3.71E-08	1.84E-03	6.58E-08

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m³)	1-Hour TOG Conc. (µg/m³)	acetaldehyde (µg/m³)	acetaldehyde Acute Hazard	acrolein (µg/m³)	acrolein Acute Hazard	benzene (µg/m³)	benzene Acute Hazard	butadiene, 1,3- (µg/m³)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m³)	ethylbenzene Acute Hazard	ethylene glycol (µg/m³)	ethylene glycol Acute Hazard	formaldehyde (µg/m³)	formaldehyde Acute Hazard	hexane, n- (µg/m³)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m³)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m³)	methyl alcohol Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
346	366777	3757520	Residence	4.09E+00	4.17E+00	2.91E-01	6.20E-04	2.29E-04	9.16E-05	8.36E-02	6.43E-05	8.45E-03	NA	1.43E-02	NA	5.19E-05	NA	5.85E-01	1.06E-02	1.01E-02	NA	1.26E-04	3.93E-08	1.95E-03	6.95E-08
347	366999	3757642	Residence	4.36E+00	4.44E+00	3.11E-01	6.61E-04	2.44E-04	9.77E-05	8.92E-02	6.86E-05	9.01E-03	NA	1.52E-02	NA	5.60E-05	NA	6.24E-01	1.13E-02	1.08E-02	NA	1.36E-04	4.24E-08	2.08E-03	7.41E-08
348	367174	3757740	Residence	4.33E+00	4.42E+00	3.09E-01	6.57E-04	2.43E-04	9.71E-05	8.86E-02	6.82E-05	8.96E-03	NA	1.52E-02	NA	5.67E-05	NA	6.20E-01	1.13E-02	1.08E-02	NA	1.37E-04	4.29E-08	2.07E-03	7.38E-08
349	367291	3757694	Residence	4.59E+00	4.68E+00	3.27E-01	6.96E-04	2.57E-04	1.03E-04	9.39E-02	7.22E-05	9.48E-03	NA	1.60E-02	NA	5.99E-05	NA	6.57E-01	1.19E-02	1.14E-02	NA	1.45E-04	4.54E-08	2.19E-03	7.81E-08
350	367413	3757695	Residence	4.70E+00	4.80E+00	3.35E-01	7.13E-04	2.64E-04	1.05E-04	9.63E-02	7.41E-05	9.73E-03	NA	1.65E-02	NA	6.17E-05	NA	6.73E-01	1.22E-02	1.17E-02	NA	1.50E-04	4.68E-08	2.24E-03	8.01E-08
351	367410	3757736	Residence	4.52E+00	4.61E+00	3.22E-01	6.86E-04	2.54E-04	1.01E-04	9.26E-02	7.12E-05	9.35E-03	NA	1.58E-02	NA	5.97E-05	NA	6.47E-01	1.18E-02	1.12E-02	NA	1.45E-04	4.52E-08	2.16E-03	7.70E-08
352	367518	3757796	Residence	4.27E+00	4.36E+00	3.05E-01	6.48E-04	2.40E-04	9.59E-05	8.75E-02	6.73E-05	8.84E-03	NA	1.50E-02	NA	5.72E-05	NA	6.12E-01	1.11E-02	1.06E-02	NA	1.39E-04	4.33E-08	2.04E-03	7.29E-08
353	367539	3757802	Residence	4.24E+00	4.33E+00	3.02E-01	6.43E-04	2.38E-04	9.52E-05	8.68E-02	6.68E-05	8.77E-03	NA	1.49E-02	NA	5.69E-05	NA	6.07E-01	1.10E-02	1.06E-02	NA	1.38E-04	4.31E-08	2.02E-03	7.23E-08
354	367609	3757677	Residence	4.93E+00	5.03E+00	3.51E-01	7.48E-04	2.76E-04	1.11E-04	1.01E-01	7.76E-05	1.02E-02	NA	1.73E-02	NA	6.51E-05	NA	7.06E-01	1.28E-02	1.23E-02	NA	1.58E-04	4.93E-08	2.35E-03	8.40E-08
355	367769	3757644	Residence	5.21E+00	5.32E+00	3.72E-01	7.90E-04	2.92E-04	1.17E-04	1.07E-01	8.20E-05	1.08E-02	NA	1.82E-02	NA	6.92E-05	NA	7.46E-01	1.36E-02	1.30E-02	NA	1.68E-04	5.24E-08	2.49E-03	8.88E-08
356	367775	3757719	Residence	4.74E+00	4.84E+00	3.38E-01	7.19E-04	2.66E-04	1.06E-04	9.71E-02	7.47E-05	9.81E-03	NA	1.66E-02	NA	6.37E-05	NA	6.79E-01	1.23E-02	1.18E-02	NA	1.54E-04	4.82E-08	2.26E-03	8.08E-08
357	367809	3757835	Residence	3.95E+00	4.03E+00	2.81E-01	5.98E-04	2.21E-04	8.86E-05	8.07E-02	6.21E-05	8.16E-03	NA	1.38E-02	NA	5.43E-05	NA	5.65E-01	1.03E-02	9.86E-03	NA	1.32E-04	4.11E-08	1.89E-03	6.73E-08
358	367807	3757936	Residence	3.27E+00	3.34E+00	2.33E-01	4.96E-04	1.84E-04	7.34E-05	6.69E-02	5.15E-05	6.76E-03	NA	1.15E-02	NA	4.58E-05	NA	4.68E-01	8.51E-03	8.20E-03	NA	1.11E-04	3.47E-08	1.56E-03	5.59E-08
359	367775	3757959	Residence	3.16E+00	3.23E+00	2.25E-01	4.79E-04	1.77E-04	7.10E-05	6.47E-02	4.98E-05	6.54E-03	NA	1.11E-02	NA	4.44E-05	NA	4.52E-01	8.22E-03	7.92E-03	NA	1.08E-04	3.36E-08	1.51E-03	5.40E-08
360	367798	3758011	Residence	2.81E+00	2.86E+00	2.00E-01	4.25E-04	1.57E-04	6.30E-05	5.74E-02	4.42E-05	5.80E-03	NA	9.84E-03	NA	3.99E-05	NA	4.01E-01	7.30E-03	7.04E-03	NA	9.66E-05	3.02E-08	1.34E-03	4.79E-08
361	367914	3757962	Residence	2.95E+00	3.01E+00	2.10E-01	4.47E-04	1.66E-04	6.62E-05	6.04E-02	4.64E-05	6.10E-03	NA	1.03E-02	NA	4.20E-05	NA	4.22E-01	7.68E-03	7.41E-03	NA	1.02E-04	3.18E-08	1.41E-03	5.04E-08
362	367905	3757930	Residence	3.18E+00	3.25E+00	2.27E-01	4.82E-04	1.79E-04	7.14E-05	6.51E-02	5.01E-05	6.58E-03	NA	1.12E-02	NA	4.49E-05	NA	4.55E-01	8.28E-03	7.98E-03	NA	1.09E-04	3.40E-08	1.52E-03	5.43E-08
363	368109	3757840	Residence	3.52E+00	3.59E+00	2.51E-01	5.33E-04	1.97E-04	7.90E-05	7.20E-02	5.54E-05	7.27E-03	NA	1.23E-02	NA	5.01E-05	NA	5.04E-01	9.16E-03	8.84E-03	NA	1.21E-04	3.79E-08	1.68E-03	6.01E-08
364	368233	3757790	Residence	3.71E+00	3.79E+00	2.64E-01	5.63E-04	2.08E-04	8.33E-05	7.59E-02	5.84E-05	7.67E-03	NA	1.30E-02	NA	5.31E-05	NA	5.31E-01	9.66E-03	9.33E-03	NA	1.29E-04	4.02E-08	1.78E-03	6.34E-08
365	368309	3757762	Residence	3.85E+00	3.92E+00	2.74E-01	5.83E-04	2.16E-04	8.64E-05	7.87E-02	6.05E-05	7.95E-03	NA	1.35E-02	NA	5.49E-05	NA	5.50E-01	1.00E-02	9.66E-03	NA	1.33E-04	4.16E-08	1.84E-03	6.57E-08
366	368603	3757765	Residence	6.20E+00	6.32E+00	4.43E-01	9.42E-04	3.49E-04	1.40E-04	1.27E-01	9.78E-05	1.28E-02	NA	2.16E-02	NA	7.04E-05	NA	8.89E-01	1.62E-02	1.52E-02	NA	1.71E-04	5.33E-08	2.95E-03	1.05E-07
367	368604	3757719	Residence	5.99E+00	6.10E+00	4.27E-01	9.09E-04	3.37E-04	1.35E-04	1.23E-01	9.44E-05	1.24E-02	NA	2.09E-02	NA	6.70E-05	NA	8.58E-01	1.56E-02	1.46E-02	NA	1.62E-04	5.08E-08	2.84E-03	1.02E-07
368	368770	3757799	Residence	7.84E+00	8.00E+00	5.59E-01	1.19E-03	4.41E-04	1.76E-04	1.61E-01	1.24E-04	1.62E-02	NA	2.74E-02	NA	9.25E-05	NA	1.12E+00	2.04E-02	1.93E-02	NA	2.24E-04	7.01E-08	3.73E-03	1.33E-07
369	369017	3757954	Residence	8.88E+00	9.05E+00	6.33E-01	1.35E-03	4.98E-04	1.99E-04	1.82E-01	1.40E-04	1.84E-02	NA	3.11E-02	NA	1.16E-04	NA	1.27E+00	2.31E-02	2.21E-02	NA	2.82E-04	8.82E-08	4.23E-03	1.51E-07
370	369080	3757864	Residence	9.72E+00	9.91E+00	6.93E-01	1.47E-03	5.45E-04	2.18E-04	1.99E-01	1.53E-04	2.01E-02	NA	3.40E-02	NA	1.27E-04	NA	1.39E+00	2.53E-02	2.41E-02	NA	3.07E-04	9.59E-08	4.64E-03	1.66E-07
371	369224	3757952	Residence	8.72E+00	8.89E+00	6.21E-01	1.32E-03	4.88E-04	1.95E-04	1.78E-01	1.37E-04	1.80E-02	NA	3.05E-02	NA	1.22E-04	NA	1.25E+00	2.27E-02	2.18E-02	NA	2.97E-04	9.27E-08	4.16E-03	1.49E-07
372	369409	3757730	Residence	1.12E+01	1.14E+01	7.96E-01	1.69E-03	6.26E-04	2.50E-04	2.28E-01	1.76E-04	2.31E-02	NA	3.92E-02	NA	1.59E-04	NA	1.60E+00	2.91E-02	2.80E-02	NA	3.85E-04	1.20E-07	5.34E-03	1.91E-07
373	369454	3757776	Residence	9.95E+00	1.02E+01	7.09E-01	1.51E-03	5.57E-04	2.23E-04	2.03E-01	1.57E-04	2.06E-02	NA	3.49E-02	NA	1.47E-04	NA	1.42E+00	2.59E-02	2.51E-02	NA	3.56E-04	1.11E-07	4.76E-03	1.70E-07
374	369265	3757997	Residence	7.97E+00	8.13E+00	5.68E-01	1.21E-03	4.47E-04	1.79E-04	1.63E-01	1.25E-04	1.65E-02	NA	2.80E-02	NA	1.15E-04	NA	1.14E+00	2.07E-02	2.00E-02	NA	2.78E-04	8.69E-08	3.81E-03	1.36E-07
375	369452	3758128	Residence	5.24E+00	5.35E+00	3.73E-01	7.94E-04	2.94E-04	1.18E-04	1.07E-01	8.24E-05	1.08E-02	NA	1.84E-02	NA	7.76E-05	NA	7.49E-01	1.36E-02	1.32E-02	NA	1.88E-04	5.88E-08	2.51E-03	8.97E-08
376	369460	3758394	Residence	5.39E+00	5.49E+00	3.85E-01	8.18E-04	3.03E-04	1.21E-04	1.10E-01	8.49E-05	1.12E-02	NA	1.88E-02	NA	5.83E-05	NA	7.72E-01	1.40E-02	1.31E-02	NA	1.41E-04	4.42E-08	2.56E-03	9.14E-08
377	369853	3758394	Residence	8.54E+00	8.71E+00	6.09E-01	1.30E-03	4.79E-04	1.92E-04	1.75E-01	1.34E-04	1.77E-02	NA	2.99E-02	NA	1.12E-04	NA	1.22E+00	2.22E-02	2.12E-02	NA	2.72E-04	8.49E-08	4.07E-03	1.45E-07
378	369850	3758078	Residence	1.07E+01	1.09E+01	7.64E-01	1.63E-03	6.02E-04	2.41E-04	2.19E-01	1.69E-04	2.22E-02	NA	3.75E-02	NA	1.35E-04	NA	1.53E+00	2.79E-02	2.65E-02	NA	3.28E-04	1.02E-07	5.11E-03	1.82E-07
384	370886	3758089	Residence	4.25E+00	4.33E+00	3.02E-01	6.43E-04	2.38E-04	9.51E-05	8.68E-02	6.68E-05	8.77E-03	NA	1.49E-02	NA	6.10E-05	NA	6.07E-01	1.10E-02	1.07E-02	NA	1.48E-04	4.62E-08	2.03E-03	7.25E-08
391	371193	3757720	Residence	1.05E+01	1.07E+01	7.45E-01	1.59E-03	5.87E-04	2.35E-04	2.14E-01	1.65E-04	2.16E-02	NA	3.67E-02	NA	1.44E-04	NA	1.50E+00	2.72E-02	2.61E-02	NA	3.48E-04	1.09E-07	5.00E-03	1.78E-07
392	371254	3757762	Residence	9.91E+00	1.01E+01	7.06E-01	1.50E-03	5.55E-04	2.22E-04	2.03E-01	1.56E-04	2.05E-02	NA	3.47E-02	NA	1.36E-04	NA	1.42E+00	2.58E-02	2.48E-02	NA	3.31E-04	1.03E-07	4.73E-03	1.69E-07
393	371264	3757783	Residence	9.68E+00	9.88E+00	6.90E-01	1.47E-03	5.43E-04	2.17E-04	1.98E-01	1.52E-04	2.00E-02	NA	3.39E-02	NA	1.33E-04	NA	1.39E+00	2.52E-02	2.42E-02	NA	3.22E-04	1.01E-07	4.62E-03	1.65E-07
394	371372	3757782	Residence	9.39E+00	9.57E+00	6.69E-01	1.42E-03	5.26E-04	2.10E-04	1.92E-01	1.48E-04	1.94E-02	NA	3.29E-02	NA	1.31E-04	NA	1.34E+00	2.44E-02	2.35E-02	NA	3.18E-04	9.95E-08	4.48E-03	1.60E-07
395	371399	3757806	Residence	9.12E+00	9.30E+00	6.49E-01	1.38E-03	5.11E-04	2.04E-04	1.86E-01	1.43E-04	1.88E-02	NA	3.19E-02	NA	1.27E-04	NA	1.30E+00	2.37E-02	2.28E-02	NA	3.09E-04	9.65E-08	4.36E-03	1.56E-07
396	371798	3758080	Residence	6.48E+00	6.61E+00	4.62E-01	9.82E-04	3.63E-04	1.45E-04	1.33E-01	1.02E-04	1.34E-02	NA	2.27E-02	NA	9.05E-05	NA	9.27E-01	1.69E-02	1.62E-02	NA	2.19E-04	6.85E-08	3.09E-03	1.11E-07
397	371908	3757934	Residence	6.80E+00	6.93E+00	4.84E-01	1.03E-03	3.81E-04	1.52E-04	1.39E-01	1.07E-04	1.41E-02	NA	2.38E-02	NA	9.41E-05	NA	9.73E-01	1.77E-02	1.70E-02	NA	2.28E-04	7.13E-08	3.25E-03	1.16E-07
398	371964	3757922	Residence	6.65E+00	6.78E+00	4.74E-01	1.01E-03	3.73E-04	1.49E-04	1.36E-01	1.05E-04	1.37E-02	NA	2.33E-02	NA	9.24E-05	NA	9.52E-01	1.73E-02	1.66E-02	NA	2.24E-04	7.00E-08	3.18E-03	1.13E-07
442	370667	3755262	Residence	4.46E+00	4.54E+00	3.18E-01	6.76E-04	2.50E-04	1.00E-04	9.12E-02	7.01E-05	9.21E-03	NA	1.56E-02	NA	5.74E-05	NA	6.38E-01	1.16E-02	1.11E-02	NA	1.39E-04	4.35E-08	2.12E-03	7.59E-08
443	370380	3755263	Residence	6.11E+00	6.23E+00	4.35E-01	9.26E-04	3.42E-04	1.37E-04	1.25E-01	9.61E-05	1.26E-02	NA	2.14E-02	NA	8.82E-05	NA	8.74E-01	1.59E-02	1.54E-02	NA	2.14E-04	6.68E-08	2.92E-03	1.04E-07
444	370076	3755265	Residence	8.56E+00	8.73E+00	6.09E-01	1.30E-03	4.79E-04	1.92E-04	1.75E-01	1.35E-04	1.77E-02	NA	3.00E-02	NA	1.27E-04	NA	1.22E+00	2.22E-02	2.16E-02	NA	3.08E-04	9.62E-08	4.10E-03	1.46E-07
446	369498	3755268	Residence	1.51E+01	1.54E+01	1.07E+00	2.29E-03	8.45E-04	3.38E-04	3.08E-01	2.37E-04	3.12E-02	NA	5.28E-02	NA	2.08E-04	NA	2.16E+00	3.92E-02	3.77E-02	NA	5.05E-04	1.58E-07	7.20E-03	2.57E-07
447	369194	3755270	Residence	1.39E+01	1.42E+01	9.92E-01	2.11E-03	7.81E-04	3.13E-04	2.85E-01	2.19E-04	2.88E-02	NA	4.87E-02	NA	1.83E-04	NA	1.99E+00	3.62E-02	3.46E-02	NA	4.43E-04	1.38E-07	6.64E-03	2.37E-07
448	368889	3755272	Residence	1.26E+01	1.28E+01	8.95E-01	1.90E-03	7.05E-04	2.82E-04	2.57E-01	1.98E-04	2.60E-02	NA	4.39E-02	NA	1.55E-04	NA	1.80E+00	3.27E-02	3.10E-02	NA	3.75E-04	1.17E-07	5.98E-03	2.13E-07
449	368569	3755273	Residence	8.59E+00	8.76E+00	6.13E-01	1.30E-03	4.83E-04	1.93E-04	1.76E-01	1.35E-04	1.78E-02	NA	3.00E-02	NA	9.96E-05	NA	1.23E+00	2.24E-02	2.11E-02	NA	2.41E-04	7.54E-08	4.08E-03	1.46E-07
450	368275	3755275	Residence	6.81E+00	6.95E+00	4.86E-01	1.03E-03	3.82E-04	1.53E-04	1.39E-01	1.07E-04	1.41E-02	NA	2.38E-02	NA	8.95E-05	NA	9.75E-01	1.77E-02	1.69E-02	NA	2.17E-04	6.78E-08	3.25E-03	1.16E-07
451	367936	3755213	Residence	6.39E+00	6.51E+00	4.55E-01	9.69E-04	3.58E-04	1.43E-04	1.31E-01	1.01E-04	1.32E-02	NA	2.23E-02	NA	8.25E-05	NA	9.14E-01	1.66E-02	1.58E-02	NA	2.00E-04	6.25E-08	3.04E-03	1.09E-07
74	370324	3758078	School	4.53E+00	4.62E+00	3.23E-01	6.87E-04	2.54E-04	1.02E-04	9.27E-02	7.13E-05	9.36E-03	NA	1.59E-02	NA	6.05E-05	NA	6.48E-01	1.18E-02	1.13E-02	NA	1.47E-04	4.58E-08	2.16E-03	7.72E-08
75	370324	3758078	School	4.88E+00	4.98E+00	3.48E-01	7.40E-04	2.74E-04	1.09E-04	9.98E-02	7.68E-05	1.01E-02	NA	1.71E-02	NA	6.47E-05	NA	6.98E-01	1.27E-02	1.21E-02	NA	1.57E-04	4.90E-08	2.33E-03	8.31E-08
76	370324	3758078	School	4.93E+00	5.03E+00	3.52E-01	7.48E-04	2.77E-04	1.11E-04	1.01E-01	7.76E-05	1.02E-02	NA	1.73E-02	NA	6.56E-05	NA	7.06E-01	1.28E-02	1.23E-02	NA	1.59E-04	4.97E-08	2.35E-03	8.40E-08
77	370324	3758078	School	4.73E+00	4.82E+00	3.37E-01	7.17E-04	2.65E-04	1.06E-04	9.68E-02	7.44E-05	9.78E-03	NA	1.66E-02	NA	6.34E-05	NA	6.77E-01	1.23E-02	1.18E-02	NA	1.54E-04	4.80E-08	2.26E-03	8.06E-08
130	370324	3758078	School	7.38E+00	7.52E+00	5.24E-01	1.12E-03	4.12E-04	1.65E-04	1.51E-01	1.16E-04	1.52E-02	NA	2.59E-02	NA	1.20E-04	NA	1.05E+00	1.91E-02	1.88E-02	NA	2.91E-04	9.09E-08	3.54E-03	1.26E-07
131	370381	3757991	School	6.84E+00	6.98E+00	4.86E-01	1.04E-03	3.82E-04	1.53E-04	1.40E-01	1.07E-04	1.41E-02	NA	2.41E-02	NA	1.16E-04	NA	9.77E-01	1.78E-02	1.76E-02	NA	2.80E-04	8.76E-08	3.29E-03	1.17E-07
132	370435	3758019	School	5.65E+00	5.76E+00	4.01E-01	8.53E-04	3.15E-04	1.26E-04	1.15E-01	8.86E-05	1.16E-02	NA	1.99E-02	NA	9.69E-05	NA	8.06E-01	1.46E-02	1.45E-02	NA	2.35E-04	7.34E-08	2.71E-03	9.69E-08
133	370499	3758050	School	4.55E+00	4.64E+00	3.24E-01	6.89E-04	2.55E-04	1.02E-04	9.29E-02	7.15E-05	9.39E-03	NA	1.60E-02	NA	7.66E-05	NA	6.50E-01	1.18E-02	1.17E-02	NA	1.86E-04	5.80E-08	2.19E-03	7.82E-08
134	370485	3758025	School	4.71E+00	4.80E+00	3.34E-01	7.11E-04	2.62E-04	1.05E-04	9.60E-02	7.38E-05	9.69E-03	NA	1.66E-02	NA	8.23E-05	NA	6.71E-01	1.22E-02	1.21E-02	NA	1.99E-04	6.23E-08	2.26E-03	8.08E-08
135	370481	3758086	School	4.60E+00	4.69E+00	3.27E-01	6.95E-04	2.57E-04	1.03E-04	9.38E-02	7.22E-05	9.48E-03	NA	1.62E-02	NA	7.96E-05	NA	6.56E-01	1.19E-02	1.18E-02	NA	1.93E-04	6.03E-08	2.21E-03	7.90E-08
305	369787	3755242	School	9.73E+00	9.92E+00	6.92E-01	1.47E-03	5.45E-04	2.18E-04	1.99E-01	1.53E-04	2.01E-02	NA	3.41E-02	NA	1.45E-04	NA	1.39E+00	2.53E-02	2.46E-02	NA	3.52E-04	1.10E-07	4.66E-03	1.66E-07
379	370299	3758078	School	7.82E+00	7.97E+00	5.56E-01	1.18E-03	4.37E-04	1.75E-04	1.60E-01	1.23E-04	1.61E-02	NA	2.75E-02	NA	1.26E-04	NA	1.12E+00	2.03E-02	1.99E-02	NA	3.06E-04	9.56E-08	3.75E-03	1.34E-07

Table 4-4B
Calculation of Mitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard
		CalEPA Acute REL		NA	NA		470		2.5		1300		NA		NA		NA		55		NA		3200		28000
380	370298	3757963	School	8.77E+00	8.94E+00	6.24E-01	1.33E-03	4.90E-04	1.96E-04	1.79E-01	1.38E-04	1.81E-02	NA	3.08E-02	NA	1.43E-04	NA	1.25E+00	2.28E-02	2.24E-02	NA	3.47E-04	1.08E-07	4.21E-03	1.50E-07
381	370382	3757966	School	6.98E+00	7.12E+00	4.96E-01	1.06E-03	3.90E-04	1.56E-04	1.42E-01	1.10E-04	1.44E-02	NA	2.46E-02	NA	1.18E-04	NA	9.96E-01	1.81E-02	1.79E-02	NA	2.87E-04	8.96E-08	3.36E-03	1.20E-07
382	370510	3758027	School	4.71E+00	4.80E+00	3.35E-01	7.13E-04	2.64E-04	1.06E-04	9.62E-02	7.40E-05	9.72E-03	NA	1.66E-02	NA	7.54E-05	NA	6.73E-01	1.22E-02	1.20E-02	NA	1.83E-04	5.71E-08	2.26E-03	8.08E-08
383	370506	3758088	School	4.38E+00	4.47E+00	3.11E-01	6.63E-04	2.45E-04	9.81E-05	8.94E-02	6.88E-05	9.03E-03	NA	1.54E-02	NA	7.29E-05	NA	6.25E-01	1.14E-02	1.12E-02	NA	1.77E-04	5.52E-08	2.11E-03	7.52E-08
445	369787	3755267	School	9.95E+00	1.01E+01	7.08E-01	1.51E-03	5.57E-04	2.23E-04	2.03E-01	1.56E-04	2.05E-02	NA	3.49E-02	NA	1.53E-04	NA	1.42E+00	2.58E-02	2.52E-02	NA	3.70E-04	1.16E-07	4.77E-03	1.70E-07

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Note: Shaded cells indicate locations where concentrations wer

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
		CalEPA Acute REL			13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
29	370479	3756654	Commercial	2.09E+00	1.61E-04	1.23E-01	NA	0.00E+00	0.00E+00	3.86E+00	1.24E-03	8.96E-02	4.26E-06	2.65E+00	7.17E-05	1.09E+00	4.94E-05	5.51E-01	2.50E-05	1.35E-01	6.14E-06	1.77E+00	8.05E-05
141	370911	3758089	Commercial	5.94E-02	4.57E-06	3.50E-03	NA	0.00E+00	0.00E+00	1.10E-01	3.54E-05	2.55E-03	1.21E-07	7.36E-02	1.99E-06	3.09E-02	1.40E-06	1.57E-02	7.12E-07	3.84E-03	1.74E-07	5.04E-02	2.29E-06
142	370911	3757976	Commercial	7.06E-02	5.43E-06	4.16E-03	NA	0.00E+00	0.00E+00	1.30E-01	4.21E-05	3.03E-03	1.44E-07	8.71E-02	2.35E-06	3.67E-02	1.67E-06	1.86E-02	8.46E-07	4.56E-03	2.07E-07	5.99E-02	2.72E-06
143	370911	3757863	Commercial	9.26E-02	7.12E-06	5.45E-03	NA	0.00E+00	0.00E+00	1.71E-01	5.52E-05	3.97E-03	1.89E-07	1.13E-01	3.07E-06	4.81E-02	2.19E-06	2.44E-02	1.11E-06	5.97E-03	2.71E-07	7.85E-02	3.57E-06
144	370910	3757751	Commercial	1.20E-01	9.25E-06	7.08E-03	NA	0.00E+00	0.00E+00	2.22E-01	7.17E-05	5.16E-03	2.46E-07	1.48E-01	3.99E-06	6.25E-02	2.84E-06	3.17E-02	1.44E-06	7.76E-03	3.53E-07	1.02E-01	4.63E-06
145	370930	3757712	Commercial	1.34E-01	1.03E-05	7.91E-03	NA	0.00E+00	0.00E+00	2.48E-01	8.00E-05	5.76E-03	2.74E-07	1.65E-01	4.47E-06	6.98E-02	3.17E-06	3.54E-02	1.61E-06	8.67E-03	3.94E-07	1.14E-01	5.18E-06
146	370961	3757689	Commercial	1.45E-01	1.12E-05	8.54E-03	NA	0.00E+00	0.00E+00	2.68E-01	8.64E-05	6.22E-03	2.96E-07	1.79E-01	4.83E-06	7.54E-02	3.43E-06	3.82E-02	1.74E-06	9.36E-03	4.26E-07	1.23E-01	5.59E-06
147	371046	3757693	Commercial	1.52E-01	1.17E-05	8.96E-03	NA	0.00E+00	0.00E+00	2.81E-01	9.07E-05	6.52E-03	3.11E-07	1.88E-01	5.07E-06	7.91E-02	3.59E-06	4.01E-02	1.82E-06	9.82E-03	4.46E-07	1.29E-01	5.86E-06
148	371071	3757668	Commercial	1.60E-01	1.23E-05	9.39E-03	NA	0.00E+00	0.00E+00	2.95E-01	9.50E-05	6.84E-03	3.26E-07	1.97E-01	5.32E-06	8.29E-02	3.77E-06	4.20E-02	1.91E-06	1.03E-02	4.68E-07	1.35E-01	6.14E-06
149	371071	3757585	Commercial	1.79E-01	1.38E-05	1.05E-02	NA	0.00E+00	0.00E+00	3.31E-01	1.07E-04	7.68E-03	3.66E-07	2.22E-01	5.99E-06	9.31E-02	4.23E-06	4.72E-02	2.15E-06	1.16E-02	5.26E-07	1.52E-01	6.90E-06
150	371047	3757610	Commercial	1.73E-01	1.33E-05	1.02E-02	NA	0.00E+00	0.00E+00	3.20E-01	1.03E-04	7.43E-03	3.54E-07	2.14E-01	5.78E-06	9.00E-02	4.09E-06	4.57E-02	2.08E-06	1.12E-02	5.08E-07	1.47E-01	6.67E-06
151	371122	3757609	Commercial	1.72E-01	1.33E-05	1.02E-02	NA	0.00E+00	0.00E+00	3.18E-01	1.03E-04	7.39E-03	3.52E-07	2.13E-01	5.76E-06	8.96E-02	4.07E-06	4.54E-02	2.07E-06	1.11E-02	5.06E-07	1.46E-01	6.64E-06
152	371099	3757595	Commercial	1.76E-01	1.35E-05	1.04E-02	NA	0.00E+00	0.00E+00	3.25E-01	1.05E-04	7.55E-03	3.59E-07	2.18E-01	5.89E-06	9.15E-02	4.16E-06	4.64E-02	2.11E-06	1.14E-02	5.17E-07	1.49E-01	6.78E-06
153	371135	3757663	Commercial	1.61E-01	1.24E-05	9.49E-03	NA	0.00E+00	0.00E+00	2.98E-01	9.60E-05	6.91E-03	3.29E-07	1.99E-01	5.38E-06	8.37E-02	3.81E-06	4.25E-02	1.93E-06	1.04E-02	4.73E-07	1.37E-01	6.21E-06
168	371995	3757843	Commercial	9.50E-02	7.31E-06	5.59E-03	NA	0.00E+00	0.00E+00	1.75E-01	5.66E-05	4.07E-03	1.94E-07	1.18E-01	3.18E-06	4.93E-02	2.24E-06	2.50E-02	1.14E-06	6.13E-03	2.79E-07	8.05E-02	3.66E-06
169	371969	3757867	Commercial	9.63E-02	7.41E-06	5.67E-03	NA	0.00E+00	0.00E+00	1.78E-01	5.74E-05	4.13E-03	1.97E-07	1.19E-01	3.22E-06	5.00E-02	2.27E-06	2.54E-02	1.15E-06	6.22E-03	2.83E-07	8.16E-02	3.71E-06
170	372023	3757868	Commercial	9.30E-02	7.15E-06	5.47E-03	NA	0.00E+00	0.00E+00	1.72E-01	5.54E-05	3.99E-03	1.90E-07	1.15E-01	3.11E-06	4.83E-02	2.20E-06	2.45E-02	1.11E-06	6.00E-03	2.73E-07	7.88E-02	3.58E-06
171	372048	3757843	Commercial	9.14E-02	7.03E-06	5.38E-03	NA	0.00E+00	0.00E+00	1.69E-01	5.44E-05	3.92E-03	1.87E-07	1.13E-01	3.06E-06	4.75E-02	2.16E-06	2.41E-02	1.09E-06	5.90E-03	2.68E-07	7.74E-02	3.52E-06
172	372047	3757746	Commercial	9.00E-02	6.92E-06	5.30E-03	NA	0.00E+00	0.00E+00	1.66E-01	5.36E-05	3.86E-03	1.84E-07	1.11E-01	3.01E-06	4.67E-02	2.12E-06	2.37E-02	1.08E-06	5.81E-03	2.64E-07	7.62E-02	3.47E-06
173	372046	3757649	Commercial	8.63E-02	6.64E-06	5.08E-03	NA	0.00E+00	0.00E+00	1.59E-01	5.14E-05	3.70E-03	1.76E-07	1.07E-01	2.89E-06	4.48E-02	2.04E-06	2.27E-02	1.03E-06	5.57E-03	2.53E-07	7.31E-02	3.32E-06
174	372045	3757551	Commercial	8.68E-02	6.68E-06	5.11E-03	NA	0.00E+00	0.00E+00	1.60E-01	5.17E-05	3.72E-03	1.77E-07	1.07E-01	2.90E-06	4.51E-02	2.05E-06	2.29E-02	1.04E-06	5.60E-03	2.55E-07	7.36E-02	3.34E-06
175	372041	3757448	Commercial	9.05E-02	6.96E-06	5.33E-03	NA	0.00E+00	0.00E+00	1.67E-01	5.39E-05	3.88E-03	1.85E-07	1.12E-01	3.02E-06	4.70E-02	2.14E-06	2.38E-02	1.08E-06	5.84E-03	2.65E-07	7.67E-02	3.49E-06
176	372036	3757345	Commercial	9.16E-02	7.05E-06	5.39E-03	NA	0.00E+00	0.00E+00	1.69E-01	5.46E-05	3.93E-03	1.87E-07	1.13E-01	3.06E-06	4.76E-02	2.16E-06	2.41E-02	1.10E-06	5.91E-03	2.69E-07	7.76E-02	3.53E-06
177	372032	3757242	Commercial	9.80E-02	7.54E-06	5.77E-03	NA	0.00E+00	0.00E+00	1.81E-01	5.84E-05	4.20E-03	2.00E-07	1.21E-01	3.27E-06	5.09E-02	2.31E-06	2.58E-02	1.17E-06	6.32E-03	2.87E-07	8.30E-02	3.77E-06
178	372027	3757139	Commercial	1.13E-01	8.70E-06	6.65E-03	NA	0.00E+00	0.00E+00	2.09E-01	6.73E-05	4.85E-03	2.31E-07	1.40E-01	3.78E-06	5.87E-02	2.67E-06	2.98E-02	1.35E-06	7.30E-03	3.32E-07	9.58E-02	4.35E-06
179	372003	3757115	Commercial	1.18E-01	9.05E-06	6.93E-03	NA	0.00E+00	0.00E+00	2.17E-01	7.01E-05	5.05E-03	2.40E-07	1.46E-01	3.93E-06	6.11E-02	2.78E-06	3.10E-02	1.41E-06	7.60E-03	3.45E-07	9.97E-02	4.53E-06
180	371881	3757114	Commercial	1.25E-01	9.61E-06	7.35E-03	NA	0.00E+00	0.00E+00	2.31E-01	7.44E-05	5.35E-03	2.55E-07	1.55E-01	4.18E-06	6.49E-02	2.95E-06	3.29E-02	1.50E-06	8.06E-03	3.66E-07	1.06E-01	4.81E-06
181	371758	3757113	Commercial	1.32E-01	1.02E-05	7.80E-03	NA	0.00E+00	0.00E+00	2.45E-01	7.89E-05	5.68E-03	2.70E-07	1.64E-01	4.43E-06	6.88E-02	3.13E-06	3.49E-02	1.59E-06	8.55E-03	3.89E-07	1.12E-01	5.10E-06
182	371636	3757112	Commercial	1.40E-01	1.08E-05	8.23E-03	NA	0.00E+00	0.00E+00	2.58E-01	8.33E-05	6.00E-03	2.86E-07	1.73E-01	4.68E-06	7.27E-02	3.30E-06	3.69E-02	1.68E-06	9.03E-03	4.10E-07	1.19E-01	5.39E-06
183	371514	3757111	Commercial	1.47E-01	1.13E-05	8.66E-03	NA	0.00E+00	0.00E+00	2.72E-01	8.76E-05	6.30E-03	3.00E-07	1.82E-01	4.92E-06	7.64E-02	3.47E-06	3.87E-02	1.76E-06	9.49E-03	4.32E-07	1.25E-01	5.66E-06
184	371394	3757110	Commercial	1.68E-01	1.29E-05	9.91E-03	NA	0.00E+00	0.00E+00	3.11E-01	1.00E-04	7.21E-03	3.44E-07	2.09E-01	5.64E-06	8.74E-02	3.97E-06	4.43E-02	2.02E-06	1.09E-02	4.94E-07	1.43E-01	6.48E-06
185	371275	3757110	Commercial	1.92E-01	1.48E-05	1.13E-02	NA	0.00E+00	0.00E+00	3.54E-01	1.14E-04	8.23E-03	3.92E-07	2.38E-01	6.43E-06	9.97E-02	4.53E-06	5.06E-02	2.30E-06	1.24E-02	5.63E-07	1.63E-01	7.39E-06
186	371155	3757109	Commercial	2.23E-01	1.72E-05	1.31E-02	NA	0.00E+00	0.00E+00	4.12E-01	1.33E-04	9.57E-03	4.56E-07	2.78E-01	7.50E-06	1.16E-01	5.27E-06	5.88E-02	2.67E-06	1.44E-02	6.55E-07	1.89E-01	8.60E-06
187	371035	3757108	Commercial	2.81E-01	2.16E-05	1.65E-02	NA	0.00E+00	0.00E+00	5.19E-01	1.67E-04	1.20E-02	5.73E-07	3.49E-01	9.44E-06	1.46E-01	6.63E-06	7.40E-02	3.36E-06	1.81E-02	8.24E-07	2.38E-01	1.08E-05
188	371060	3757133	Commercial	2.69E-01	2.07E-05	1.59E-02	NA	0.00E+00	0.00E+00	4.97E-01	1.60E-04	1.15E-02	5.50E-07	3.35E-01	9.05E-06	1.40E-01	6.36E-06	7.10E-02	3.23E-06	1.74E-02	7.91E-07	2.28E-01	1.04E-05
189	371059	3757085	Commercial	2.66E-01	2.05E-05	1.57E-02	NA	0.00E+00	0.00E+00	4.92E-01	1.59E-04	1.14E-02	5.43E-07	3.31E-01	8.95E-06	1.38E-01	6.29E-06	7.02E-02	3.19E-06	1.72E-02	7.81E-07	2.26E-01	1.03E-05
190	371034	3757060	Commercial	2.77E-01	2.13E-05	1.63E-02	NA	0.00E+00	0.00E+00	5.11E-01	1.65E-04	1.19E-02	5.65E-07	3.44E-01	9.31E-06	1.44E-01	6.53E-06	7.29E-02	3.31E-06	1.79E-02	8.12E-07	2.34E-01	1.07E-05
191	370944	3757061	Commercial	3.32E-01	2.55E-05	1.95E-02	NA	0.00E+00	0.00E+00	6.13E-01	1.98E-04	1.42E-02	6.77E-07	4.13E-01	1.12E-05	1.72E-01	7.83E-06	8.74E-02	3.97E-06	2.14E-02	9.74E-07	2.81E-01	1.28E-05
192	370854	3757061	Commercial	3.88E-01	2.99E-05	2.29E-02	NA	0.00E+00	0.00E+00	7.17E-01	2.31E-04	1.66E-02	7.93E-07	4.83E-01	1.31E-05	2.02E-01	9.17E-06	1.02E-01	4.65E-06	2.51E-02	1.14E-06	3.29E-01	1.50E-05
193	370764	3757062	Commercial	4.38E-01	3.37E-05	2.58E-02	NA	0.00E+00	0.00E+00	8.08E-01	2.61E-04	1.88E-02	8.94E-07	5.45E-01	1.47E-05	2.27E-01	1.03E-05	1.15E-01	5.24E-06	2.83E-02	1.29E-06	3.71E-01	1.69E-05
194	370789	3757086	Commercial	4.10E-01	3.15E-05	2.41E-02	NA	0.00E+00	0.00E+00	7.56E-01	2.44E-04	1.76E-02	8.36E-07	5.09E-01	1.38E-05	2.13E-01	9.67E-06	1.08E-01	4.91E-06	2.65E-02	1.20E-06	3.47E-01	1.58E-05
195	370786	3756996	Commercial	4.61E-01	3.54E-05	2.71E-02	NA	0.00E+00	0.00E+00	8.51E-01	2.74E-04	1.97E-02	9.40E-07	5.74E-01	1.55E-05	2.39E-01	1.09E-05	1.21E-01	5.52E-06	2.98E-02	1.35E-06	3.90E-01	1.77E-05
196	370782	3756907	Commercial	4.73E-01	3.64E-05	2.78E-02	NA	0.00E+00	0.00E+00	8.73E-01	2.81E-04	2.03E-02	9.64E-07	5.90E-01	1.60E-05	2.45E-01	1.12E-05	1.25E-01	5.66E-06	3.05E-02	1.39E-06	4.00E-01	1.82E-05
197	370779	3756817	Commercial	5.46E-01	4.20E-05	3.22E-02	NA	0.00E+00	0.00E+00	1.01E+00	3.25E-04	2.34E-02	1.11E-06	6.80E-01	1.84E-05	2.83E-01	1.29E-05	1.44E-01	6.54E-06	3.53E-02	1.60E-06	4.63E-01	2.10E-05
198	370755	3756843	Commercial	5.16E-01	3.97E-05	3.04E-02	NA	0.00E+00	0.00E+00	9.52E-01	3.07E-04	2.21E-02	1.05E-06	6.43E-01	1.74E-05	2.68E-01	1.22E-05	1.36E-01	6.18E-06	3.33E-02	1.51E-06	4.37E-01	1.99E-05
199	370847	3756839	Commercial	4.63E-01	3.56E-05	2.72E-02	NA	0.00E+00	0.00E+00	8.54E-01	2.76E-04	1.98E-02	9.45E-07	5.76E-01	1.56E-05	2.40E-01	1.09E-05	1.22E-01	5.54E-06	2.99E-02	1.36E-06	3.92E-01	1.78E-05
200	370940	3756836	Commercial	4.13E-01	3.18E-05	2.43E-02	NA	0.00E+00	0.00E+00	7.63E-01	2.46E-04	1.77E-02	8.44E-07	5.14E-01	1.39E-05	2.15E-01	9.76E-06	1.09E-01	4.95E-06	2.67E-02	1.21E-06	3.50E-01	1.59E-05
201	371032	3756832	Commercial	3.67E-01	2.82E-05	2.16E-02	NA	0.00E+00	0.00E+00	6.77E-01	2.18E-04	1.57E-02	7.49E-07	4.56E-01	1.23E-05	1.90E-01	8.66E-06	9.66E-02	4.39E-06	2.37E-02	1.08E-06	3.11E-01	1.41E-05
202	371056	3756809	Commercial	3.65E-01	2.81E-05	2.15E-02	NA	0.00E+00	0.00E+00	6.75E-01	2.18E-04	1.57E-02	7.46E-07	4.54E-01	1.23E-05	1.90E-01	8.62E-06	9.63E-02	4.38E-06	2.36E-02	1.07E-06	3.10E-01	1.41E-05
203	371058	3756782	Commercial	3.72E-01	2.87E-05	2.19E-02	NA	0.00E+00	0.00E+00	6.88E-01	2.22E-04	1.60E-02	7.60E-07	4.62E-01	1.25E-05	1.93E-01	8.79E-06	9.81E-02	4.46E-06	2.40E-02	1.09E-06	3.16E-01	1.43E-05
204	371034	3756805	Commercial	3.79E-01	2.92E-05	2.23E-02	NA	0.00E+00	0.00E+00	7.00E-01	2.26E-04	1.63E-02	7.74E-07	4.71E-01	1.27E-05	1.97E-01	8.95E-06	9.99E-02	4.54E-06	2.45E-02	1.11E-06	3.21E-01	1.46E-05
205	371146	3756803	Commercial	3.23E-01	2.48E-05	1.90E-02	NA	0.00E+00	0.00E+00	5.96E-01	1.92E-04	1.38E-02	6.59E-07	4.01E-01	1.08E-05	1.68E-01	7.62E-06	8.51E-02	3.87E-06	2.08E-02	9.47E-07	2.74E-01	1.24E-05
206	371259	3756800	Commercial	2.78E-01	2.14E-05	1.63E-02	NA	0.00E+00	0.00E+00	5.13E-01	1.65E-04	1.19E-02	5.67E-07	3.44E-01	9.31E-06	1.44E-01	6.56E-06	7.32E-02	3.33E-06	1.79E-02	8.15E-07	2.35E-01	1.07E-05
207	371371	3756798	Commercial	2.41E-01	1.86E-05	1.42E-02	NA	0.00E+00	0.00E+00	4.46E-01	1.44E-04	1.03E-02	4.93E-07	2.99E-01	8.09E-06	1.25E-01	5.70E-06	6.36E-02	2.89E-06	1.56E-02	7.08E-07	2.05E-01	9.30E-06
208	371484	3756795	Commercial	2.12E-01	1.63E-05	1.25E-02	NA	0.00E+00	0.00E+00	3.91E-01	1.26E-04	9.07E-03	4.32E-07	2.62E-01	7.08E-06	1.10E-01	5.00E-06	5.58E-02	2.53E-06	1.37E-02	6.21E-07	1.79E-01	8.15E-06
209	371595	3756793	Commercial	1.87E-01	1.44E-05	1.10E-02	NA	0.00E+00	0.00E+00	3.45E-01	1.11E-04	8.02E-03	3.82E-07	2.32E-01	6.26E-06	9.71E-02	4.42E-06	4.93E-02	2.24E-06	1.21E-02	5.49E-07	1.58E-01	7.20E-06
210	371706	3756791	Commercial	1.67E-01	1.28E-05	9.81E-03	NA	0.00E+00	0.00E+00	3.08E-01	9.93E-05	7.15E-03	3.40E-07	2.06E-01	5.58E-06	8.66E-02	3.94E-06	4.39E-02	2.00E-06	1.08E-02	4.89E-07	1.41E-01	6.42E-06
211	371818	3756788	Commercial	1.50E-01	1.15E-05	8.80E-03	NA	0.00E+00	0.00E+00	2.76E-01	8.90E-05	6.41E-03	3.05E-07	1.85E-01	5.00E-06	7.76E-02	3.53E-06	3.94E-02	1.79E-06	9.65E-03	4.39E-07	1.27E-01	5.76E-06
212	371932	3756786	Commercial	1.35E-01	1.04E-05	7.93E-03	NA	0.00E+00	0.00E+00	2.49E-01	8.02E-05	5.77E-03	2.75E-07	1.67E-01	4.50E-06	7.00E-02	3.18E-06	3.55E-02	1.61E-06	8.69E-03	3.95E-07	1.14E-01	5.19E-06
213	372046	3756783	Commercial	1.22E-01	9.37E-06	7.17E-03	NA	0.00E+00	0.00E+00	2.25E-01	7.26E-05	5.22E-03	2.49E-07	1.51E-01	4.07E-06	6.33E-02	2.88E-06	3.21E-02	1.46E-06	7.86E-03	3.57E-07	1.03E-01	4.69E-06
214	372161	3756780	Commercial	1.11E-01	8.51E-06	6.51E-03	NA	0.00E+00	0.00E+00	2.04E-01	6.59E-05	4.74E-03	2.26E-07	1.37E-01	3.70E-06	5.74E-02	2.61E-06	2.91E-02	1.32E-06	7.14E-03	3.24E-07	9.37E-02	4.26E-06
215	372275	3756778	Commercial	1.01E-01	7.76E-06	5.94E-03	NA	0.00E+00	0.00E+00	1.86E-01	6.01E-05	4.33E-03	2.06E-07	1.25E-01	3.37E-06	5.24E-02	2.38E-06	2.66E-02	1.21E-06	6.51E-03	2.96E-07	8.55E-02	3.89E-06
216	372385	3756776	Commercial	9.30E-02	7.16E-06	5.48E-03	NA	0.00E+00	0.00E+00	1.72E-01	5.54E-05	3.99E-03	1.90E-07	1.15E-01	3.11E-06	4.83E-02	2.20E-06	2.45E-02	1.11E-06	6.00E-03	2.73E-07	7.88E-02	3.58E-06
217	372494	3756773	Commercial	8.58E-02	6.60E-06	5.05E-03	NA	0.00E+00	0.00E+00	1.58E-01	5.11E-05	3.68E-03	1.75E-07	1.06E-01	2.87E-06	4.46E-02	2.03E-06	2.26E-02	1.03E-06	5.54E-03	2.52E-07	7.27E-02	3.31E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
218	372604	3756771	Commercial	7.94E-02	6.11E-06	4.67E-03	NA	0.00E+00	0.00E+00	1.47E-01	4.73E-05	3.40E-03	1.62E-07	9.81E-02	2.65E-06	4.12E-02	1.87E-06	2.09E-02	9.51E-07	5.12E-03	2.33E-07	6.73E-02	3.06E-06
219	372714	3756768	Commercial	7.38E-02	5.68E-06	4.35E-03	NA	0.00E+00	0.00E+00	1.36E-01	4.40E-05	3.17E-03	1.51E-07	9.12E-02	2.47E-06	3.83E-02	1.74E-06	1.95E-02	8.84E-07	4.77E-03	2.17E-07	6.26E-02	2.84E-06
220	372738	3756742	Commercial	7.09E-02	5.46E-06	4.18E-03	NA	0.00E+00	0.00E+00	1.31E-01	4.23E-05	3.04E-03	1.45E-07	8.76E-02	2.37E-06	3.68E-02	1.67E-06	1.87E-02	8.50E-07	4.58E-03	2.08E-07	6.01E-02	2.73E-06
221	372733	3756647	Commercial	6.39E-02	4.92E-06	3.76E-03	NA	0.00E+00	0.00E+00	1.18E-01	3.81E-05	2.74E-03	1.31E-07	7.89E-02	2.13E-06	3.32E-02	1.51E-06	1.68E-02	7.66E-07	4.13E-03	1.88E-07	5.42E-02	2.46E-06
222	372820	3756574	Commercial	5.45E-02	4.19E-06	3.21E-03	NA	0.00E+00	0.00E+00	1.01E-01	3.24E-05	2.34E-03	1.11E-07	6.73E-02	1.82E-06	2.83E-02	1.29E-06	1.44E-02	6.52E-07	3.51E-03	1.60E-07	4.62E-02	2.10E-06
223	372844	3756548	Commercial	5.14E-02	3.95E-06	3.03E-03	NA	0.00E+00	0.00E+00	9.49E-02	3.06E-05	2.20E-03	1.05E-07	6.34E-02	1.71E-06	2.67E-02	1.21E-06	1.35E-02	6.16E-07	3.32E-03	1.51E-07	4.36E-02	1.98E-06
224	372839	3756454	Commercial	4.32E-02	3.32E-06	2.54E-03	NA	0.00E+00	0.00E+00	7.98E-02	2.57E-05	1.85E-03	8.82E-08	5.33E-02	1.44E-06	2.24E-02	1.02E-06	1.14E-02	5.18E-07	2.79E-03	1.27E-07	3.66E-02	1.66E-06
225	372821	3756363	Commercial	3.63E-02	2.79E-06	2.14E-03	NA	0.00E+00	0.00E+00	6.71E-02	2.16E-05	1.56E-03	7.42E-08	4.48E-02	1.21E-06	1.89E-02	8.58E-07	9.57E-03	4.35E-07	2.34E-03	1.07E-07	3.08E-02	1.40E-06
226	372796	3756343	Commercial	3.45E-02	2.65E-06	2.03E-03	NA	0.00E+00	0.00E+00	6.37E-02	2.05E-05	1.48E-03	7.04E-08	4.25E-02	1.15E-06	1.79E-02	8.14E-07	9.09E-03	4.13E-07	2.23E-03	1.01E-07	2.92E-02	1.33E-06
227	372731	3756328	Commercial	3.46E-02	2.66E-06	2.04E-03	NA	0.00E+00	0.00E+00	6.39E-02	2.06E-05	1.48E-03	7.06E-08	4.27E-02	1.15E-06	1.80E-02	8.17E-07	9.12E-03	4.15E-07	2.23E-03	1.01E-07	2.93E-02	1.33E-06
228	372707	3756352	Commercial	3.70E-02	2.85E-06	2.18E-03	NA	0.00E+00	0.00E+00	6.83E-02	2.20E-05	1.59E-03	7.56E-08	4.56E-02	1.23E-06	1.92E-02	8.74E-07	9.75E-03	4.43E-07	2.39E-03	1.09E-07	3.14E-02	1.43E-06
229	372928	3756344	Commercial	3.26E-02	2.51E-06	1.92E-03	NA	0.00E+00	0.00E+00	6.02E-02	1.94E-05	1.40E-03	6.66E-08	4.02E-02	1.09E-06	1.69E-02	7.70E-07	8.59E-03	3.91E-07	2.10E-03	9.56E-08	2.76E-02	1.26E-06
230	372952	3756319	Commercial	3.07E-02	2.36E-06	1.81E-03	NA	0.00E+00	0.00E+00	5.67E-02	1.83E-05	1.32E-03	6.27E-08	3.78E-02	1.02E-06	1.59E-02	7.25E-07	8.09E-03	3.68E-07	1.98E-03	9.00E-08	2.60E-02	1.18E-06
231	372951	3756245	Commercial	2.56E-02	1.97E-06	1.51E-03	NA	0.00E+00	0.00E+00	4.73E-02	1.53E-05	1.10E-03	5.23E-08	3.15E-02	8.53E-07	1.33E-02	6.05E-07	6.75E-03	3.07E-07	1.65E-03	7.51E-08	2.17E-02	9.86E-07
232	372927	3756270	Commercial	2.74E-02	2.11E-06	1.61E-03	NA	0.00E+00	0.00E+00	5.06E-02	1.63E-05	1.17E-03	5.59E-08	3.38E-02	9.13E-07	1.42E-02	6.47E-07	7.22E-03	3.28E-07	1.77E-03	8.03E-08	2.32E-02	1.06E-06
233	373033	3756268	Commercial	2.61E-02	2.01E-06	1.53E-03	NA	0.00E+00	0.00E+00	4.82E-02	1.55E-05	1.12E-03	5.32E-08	3.22E-02	8.69E-07	1.35E-02	6.16E-07	6.87E-03	3.12E-07	1.68E-03	7.65E-08	2.21E-02	1.00E-06
234	373139	3756266	Commercial	2.49E-02	1.91E-06	1.46E-03	NA	0.00E+00	0.00E+00	4.59E-02	1.48E-05	1.07E-03	5.08E-08	3.07E-02	8.29E-07	1.29E-02	5.87E-07	6.56E-03	2.98E-07	1.60E-03	7.30E-08	2.11E-02	9.58E-07
235	373245	3756264	Commercial	2.37E-02	1.83E-06	1.40E-03	NA	0.00E+00	0.00E+00	4.39E-02	1.41E-05	1.02E-03	4.85E-08	2.93E-02	7.91E-07	1.23E-02	5.61E-07	6.26E-03	2.84E-07	1.53E-03	6.96E-08	2.01E-02	9.15E-07
236	373351	3756262	Commercial	2.27E-02	1.75E-06	1.34E-03	NA	0.00E+00	0.00E+00	4.19E-02	1.35E-05	9.73E-04	4.63E-08	2.80E-02	7.57E-07	1.18E-02	5.36E-07	5.98E-03	2.72E-07	1.46E-03	6.66E-08	1.92E-02	8.74E-07
237	373457	3756261	Commercial	2.17E-02	1.67E-06	1.28E-03	NA	0.00E+00	0.00E+00	4.01E-02	1.29E-05	9.32E-04	4.44E-08	2.68E-02	7.24E-07	1.13E-02	5.13E-07	5.73E-03	2.60E-07	1.40E-03	6.37E-08	1.84E-02	8.37E-07
238	373482	3756235	Commercial	2.07E-02	1.59E-06	1.22E-03	NA	0.00E+00	0.00E+00	3.81E-02	1.23E-05	8.86E-04	4.22E-08	2.55E-02	6.88E-07	1.07E-02	4.88E-07	5.44E-03	2.47E-07	1.33E-03	6.06E-08	1.75E-02	7.96E-07
239	373480	3756123	Commercial	1.55E-02	1.19E-06	9.11E-04	NA	0.00E+00	0.00E+00	2.86E-02	9.22E-06	6.64E-04	3.16E-08	1.91E-02	5.16E-07	8.04E-03	3.66E-07	4.08E-03	1.85E-07	9.99E-04	4.54E-08	1.31E-02	5.97E-07
240	373479	3756010	Commercial	1.42E-02	1.09E-06	8.37E-04	NA	0.00E+00	0.00E+00	2.63E-02	8.47E-06	6.10E-04	2.90E-08	1.76E-02	4.76E-07	7.39E-03	3.36E-07	3.75E-03	1.70E-07	9.18E-04	4.17E-08	1.21E-02	5.48E-07
241	373477	3755897	Commercial	1.64E-02	1.27E-06	9.68E-04	NA	0.00E+00	0.00E+00	3.04E-02	9.80E-06	7.05E-04	3.36E-08	2.04E-02	5.51E-07	8.55E-03	3.88E-07	4.33E-03	1.97E-07	1.06E-03	4.83E-08	1.39E-02	6.34E-07
242	373476	3755785	Commercial	1.86E-02	1.43E-06	1.09E-03	NA	0.00E+00	0.00E+00	3.43E-02	1.11E-05	7.96E-04	3.79E-08	2.30E-02	6.21E-07	9.64E-03	4.38E-07	4.89E-03	2.22E-07	1.20E-03	5.45E-08	1.57E-02	7.15E-07
243	373474	3755672	Commercial	2.05E-02	1.57E-06	1.20E-03	NA	0.00E+00	0.00E+00	3.78E-02	1.22E-05	8.77E-04	4.18E-08	2.53E-02	6.84E-07	1.06E-02	4.83E-07	5.39E-03	2.45E-07	1.32E-03	6.00E-08	1.73E-02	7.88E-07
244	373473	3755559	Commercial	2.21E-02	1.70E-06	1.30E-03	NA	0.00E+00	0.00E+00	4.08E-02	1.32E-05	9.47E-04	4.51E-08	2.73E-02	7.38E-07	1.15E-02	5.21E-07	5.82E-03	2.65E-07	1.43E-03	6.48E-08	1.87E-02	8.51E-07
245	373447	3755535	Commercial	2.28E-02	1.75E-06	1.34E-03	NA	0.00E+00	0.00E+00	4.20E-02	1.36E-05	9.76E-04	4.65E-08	2.82E-02	7.61E-07	1.18E-02	5.37E-07	6.00E-03	2.73E-07	1.47E-03	6.68E-08	1.93E-02	8.77E-07
246	373334	3755539	Commercial	2.44E-02	1.88E-06	1.44E-03	NA	0.00E+00	0.00E+00	4.51E-02	1.45E-05	1.05E-03	4.98E-08	3.02E-02	8.16E-07	1.27E-02	5.76E-07	6.43E-03	2.92E-07	1.58E-03	7.16E-08	2.07E-02	9.40E-07
247	373221	3755544	Commercial	2.62E-02	2.01E-06	1.54E-03	NA	0.00E+00	0.00E+00	4.83E-02	1.56E-05	1.12E-03	5.34E-08	3.24E-02	8.74E-07	1.36E-02	6.18E-07	6.89E-03	3.13E-07	1.69E-03	7.68E-08	2.22E-02	1.01E-06
248	373197	3755568	Commercial	2.63E-02	2.02E-06	1.55E-03	NA	0.00E+00	0.00E+00	4.85E-02	1.56E-05	1.13E-03	5.36E-08	3.25E-02	8.78E-07	1.36E-02	6.20E-07	6.92E-03	3.14E-07	1.69E-03	7.70E-08	2.22E-02	1.01E-06
249	373196	3755636	Commercial	2.54E-02	1.95E-06	1.50E-03	NA	0.00E+00	0.00E+00	4.69E-02	1.51E-05	1.09E-03	5.19E-08	3.14E-02	8.49E-07	1.32E-02	6.00E-07	6.69E-03	3.04E-07	1.64E-03	7.45E-08	2.15E-02	9.78E-07
250	373194	3755705	Commercial	2.44E-02	1.87E-06	1.43E-03	NA	0.00E+00	0.00E+00	4.50E-02	1.45E-05	1.04E-03	4.97E-08	3.01E-02	8.15E-07	1.27E-02	5.75E-07	6.42E-03	2.92E-07	1.57E-03	7.15E-08	2.06E-02	9.39E-07
251	373220	3755680	Commercial	2.44E-02	1.87E-06	1.43E-03	NA	0.00E+00	0.00E+00	4.50E-02	1.45E-05	1.04E-03	4.97E-08	3.01E-02	8.14E-07	1.26E-02	5.75E-07	6.42E-03	2.92E-07	1.57E-03	7.14E-08	2.06E-02	9.38E-07
252	373135	3755679	Commercial	2.58E-02	1.99E-06	1.52E-03	NA	0.00E+00	0.00E+00	4.77E-02	1.54E-05	1.11E-03	5.27E-08	3.20E-02	8.64E-07	1.34E-02	6.10E-07	6.81E-03	3.09E-07	1.67E-03	7.58E-08	2.19E-02	9.95E-07
253	373160	3755704	Commercial	2.50E-02	1.93E-06	1.47E-03	NA	0.00E+00	0.00E+00	4.62E-02	1.49E-05	1.07E-03	5.11E-08	3.10E-02	8.37E-07	1.30E-02	5.91E-07	6.59E-03	3.00E-07	1.62E-03	7.34E-08	2.12E-02	9.64E-07
254	373158	3755635	Commercial	2.61E-02	2.01E-06	1.54E-03	NA	0.00E+00	0.00E+00	4.82E-02	1.56E-05	1.12E-03	5.33E-08	3.23E-02	8.73E-07	1.36E-02	6.16E-07	6.88E-03	3.13E-07	1.69E-03	7.66E-08	2.21E-02	1.01E-06
255	373156	3755566	Commercial	2.70E-02	2.08E-06	1.59E-03	NA	0.00E+00	0.00E+00	4.99E-02	1.61E-05	1.16E-03	5.52E-08	3.34E-02	9.03E-07	1.40E-02	6.38E-07	7.12E-03	3.24E-07	1.74E-03	7.93E-08	2.29E-02	1.04E-06
256	373132	3755542	Commercial	2.77E-02	2.13E-06	1.63E-03	NA	0.00E+00	0.00E+00	5.12E-02	1.65E-05	1.19E-03	5.66E-08	3.43E-02	9.27E-07	1.44E-02	6.55E-07	7.31E-03	3.32E-07	1.79E-03	8.14E-08	2.35E-02	1.07E-06
257	373055	3755538	Commercial	2.91E-02	2.24E-06	1.71E-03	NA	0.00E+00	0.00E+00	5.37E-02	1.73E-05	1.25E-03	5.94E-08	3.60E-02	9.72E-07	1.51E-02	6.87E-07	7.67E-03	3.48E-07	1.88E-03	8.54E-08	2.47E-02	1.12E-06
258	373079	3755562	Commercial	2.85E-02	2.19E-06	1.68E-03	NA	0.00E+00	0.00E+00	5.26E-02	1.70E-05	1.22E-03	5.81E-08	3.52E-02	9.52E-07	1.48E-02	6.72E-07	7.50E-03	3.41E-07	1.84E-03	8.35E-08	2.41E-02	1.10E-06
259	373077	3755465	Commercial	2.92E-02	2.25E-06	1.72E-03	NA	0.00E+00	0.00E+00	5.40E-02	1.74E-05	1.25E-03	5.97E-08	3.61E-02	9.76E-07	1.52E-02	6.90E-07	7.70E-03	3.50E-07	1.89E-03	8.57E-08	2.48E-02	1.13E-06
260	373075	3755368	Commercial	2.96E-02	2.28E-06	1.74E-03	NA	0.00E+00	0.00E+00	5.46E-02	1.76E-05	1.27E-03	6.04E-08	3.66E-02	9.88E-07	1.54E-02	6.99E-07	7.80E-03	3.54E-07	1.91E-03	8.68E-08	2.51E-02	1.14E-06
261	373073	3755271	Commercial	2.95E-02	2.27E-06	1.74E-03	NA	0.00E+00	0.00E+00	5.45E-02	1.76E-05	1.26E-03	6.02E-08	3.64E-02	9.84E-07	1.53E-02	6.96E-07	7.77E-03	3.53E-07	1.90E-03	8.65E-08	2.50E-02	1.14E-06
262	373071	3755174	Commercial	2.90E-02	2.23E-06	1.70E-03	NA	0.00E+00	0.00E+00	5.35E-02	1.73E-05	1.24E-03	5.91E-08	3.58E-02	9.66E-07	1.50E-02	6.84E-07	7.63E-03	3.47E-07	1.87E-03	8.50E-08	2.45E-02	1.12E-06
263	373046	3755149	Commercial	2.90E-02	2.23E-06	1.71E-03	NA	0.00E+00	0.00E+00	5.36E-02	1.73E-05	1.24E-03	5.92E-08	3.58E-02	9.68E-07	1.51E-02	6.85E-07	7.64E-03	3.47E-07	1.87E-03	8.51E-08	2.46E-02	1.12E-06
264	372939	3755150	Commercial	3.00E-02	2.31E-06	1.76E-03	NA	0.00E+00	0.00E+00	5.54E-02	1.79E-05	1.29E-03	6.12E-08	3.70E-02	1.00E-06	1.56E-02	7.08E-07	7.90E-03	3.59E-07	1.93E-03	8.79E-08	2.54E-02	1.15E-06
265	372832	3755151	Commercial	3.09E-02	2.38E-06	1.82E-03	NA	0.00E+00	0.00E+00	5.70E-02	1.84E-05	1.32E-03	6.30E-08	3.81E-02	1.03E-06	1.60E-02	7.29E-07	8.14E-03	3.70E-07	1.99E-03	9.06E-08	2.62E-02	1.19E-06
266	372725	3755152	Commercial	3.17E-02	2.44E-06	1.86E-03	NA	0.00E+00	0.00E+00	5.85E-02	1.89E-05	1.36E-03	6.47E-08	3.91E-02	1.06E-06	1.64E-02	7.48E-07	8.34E-03	3.79E-07	2.04E-03	9.29E-08	2.68E-02	1.22E-06
267	372623	3755157	Commercial	3.24E-02	2.49E-06	1.91E-03	NA	0.00E+00	0.00E+00	5.98E-02	1.93E-05	1.39E-03	6.61E-08	3.99E-02	1.08E-06	1.68E-02	7.64E-07	8.53E-03	3.88E-07	2.09E-03	9.50E-08	2.74E-02	1.25E-06
268	372527	3755158	Commercial	3.28E-02	2.52E-06	1.93E-03	NA	0.00E+00	0.00E+00	6.06E-02	1.95E-05	1.41E-03	6.70E-08	4.05E-02	1.09E-06	1.70E-02	7.75E-07	8.65E-03	3.93E-07	2.12E-03	9.62E-08	2.78E-02	1.26E-06
269	372431	3755159	Commercial	3.31E-02	2.54E-06	1.95E-03	NA	0.00E+00	0.00E+00	6.11E-02	1.97E-05	1.42E-03	6.75E-08	4.08E-02	1.10E-06	1.72E-02	7.81E-07	8.72E-03	3.96E-07	2.13E-03	9.70E-08	2.80E-02	1.27E-06
270	372334	3755160	Commercial	3.31E-02	2.55E-06	1.95E-03	NA	0.00E+00	0.00E+00	6.12E-02	1.97E-05	1.42E-03	6.76E-08	4.08E-02	1.10E-06	1.72E-02	7.82E-07	8.73E-03	3.97E-07	2.14E-03	9.71E-08	2.81E-02	1.28E-06
271	372237	3755161	Commercial	3.30E-02	2.54E-06	1.94E-03	NA	0.00E+00	0.00E+00	6.09E-02	1.96E-05	1.41E-03	6.73E-08	4.06E-02	1.10E-06	1.71E-02	7.79E-07	8.69E-03	3.95E-07	2.13E-03	9.67E-08	2.79E-02	1.27E-06
272	372139	3755161	Commercial	3.25E-02	2.50E-06	1.91E-03	NA	0.00E+00	0.00E+00	6.01E-02	1.94E-05	1.39E-03	6.64E-08	4.00E-02	1.08E-06	1.69E-02	7.68E-07	8.57E-03	3.90E-07	2.10E-03	9.54E-08	2.76E-02	1.25E-06
273	372040	3755162	Commercial	3.17E-02	2.44E-06	1.87E-03	NA	0.00E+00	0.00E+00	5.86E-02	1.89E-05	1.36E-03	6.48E-08	3.90E-02	1.06E-06	1.65E-02	7.50E-07	8.37E-03	3.80E-07	2.05E-03	9.31E-08	2.69E-02	1.22E-06
274	371941	3755163	Commercial	3.06E-02	2.35E-06	1.80E-03	NA	0.00E+00	0.00E+00	5.65E-02	1.82E-05	1.31E-03	6.25E-08	3.76E-02	1.02E-06	1.59E-02	7.23E-07	8.07E-03	3.67E-07	1.97E-03	8.97E-08	2.59E-02	1.18E-06
275	371843	3755164	Commercial	2.91E-02	2.24E-06	1.71E-03	NA	0.00E+00	0.00E+00	5.37E-02	1.73E-05	1.25E-03	5.94E-08	3.57E-02	9.66E-07	1.51E-02	6.87E-07	7.67E-03	3.49E-07	1.88E-03	8.53E-08	2.47E-02	1.12E-06
276	371748	3755165	Commercial	2.73E-02	2.10E-06	1.61E-03	NA	0.00E+00	0.00E+00	5.04E-02	1.62E-05	1.17E-03	5.57E-08	3.39E-02	9.15E-07	1.42E-02	6.44E-07	7.19E-03	3.27E-07	1.76E-03	8.00E-08	2.31E-02	1.05E-06
277	371653	3755165	Commercial	3.15E-02	2.42E-06	1.86E-03	NA	0.00E+00	0.00E+00	5.82E-02	1.88E-05	1.35E-03	6.43E-08	3.92E-02	1.06E-06	1.64E-02	7.44E-07	8.30E-03	3.77E-07	2.03E-03	9.25E-08	2.67E-02	1.21E-06
278	371558	3755166	Commercial	3.68E-02	2.83E-06	2.16E-03	NA	0.00E+00	0.00E+00	6.79E-02	2.19E-05	1.58E-03	7.50E-08	4.56E-02	1.23E-06	1.91E-02	8.67E-07	9.68E-03	4.40E-07	2.37E-03	1.08E-07	3.11E-02	1.42E-06
279	371463	3755167	Commercial	4.22E-02	3.25E-06	2.48E-03	NA	0.00E+00	0.00E+00	7.79E-02	2.51E-05	1.81E-03	8.61E-08	5.23E-02	1.41E-06	2.19E-02	9.96E-07	1.11E-02	5.05E-07	2.72E-03	1.24E-07	3.57E-02	1.62E-06
280	371359	3755168	Commercial	4.83E-02	3.71E-06	2.84E-03	NA	0.00E+00	0.00E+00	8.91E-02	2.88E-05	2.07E-03	9.85E-08	5.98E-02	1.62E-06	2.51E-02	1.14E-06	1.27E-02	5.78E-07	3.12E-03	1.42E-07	4.09E-02	1.86E-06
281	371256	3755169	Commercial	5.39E-02	4.15E-06	3.17E-03	NA	0.00E+00	0.00E+00	9.95E-02	3.21E-05	2.31E-03	1.10E-07	6.67E-02	1.80E-06	2.80E-02	1.27E-06	1.42E-02	6.46E-07	3.48E-03	1.58E-07	4.57E-02	2.08E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
		CalEPA Acute REL			13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
282	371152	3755170	Commercial	5.88E-02	4.52E-06	3.46E-03	NA	0.00E+00	0.00E+00	1.09E-01	3.50E-05	2.52E-03	1.20E-07	7.27E-02	1.96E-06	3.05E-02	1.39E-06	1.55E-02	7.04E-07	3.79E-03	1.72E-07	4.98E-02	2.26E-06
283	371049	3755171	Commercial	6.23E-02	4.79E-06	3.67E-03	NA	0.00E+00	0.00E+00	1.15E-01	3.71E-05	2.67E-03	1.27E-07	7.69E-02	2.08E-06	3.23E-02	1.47E-06	1.64E-02	7.46E-07	4.02E-03	1.83E-07	5.28E-02	2.40E-06
284	371024	3755197	Commercial	6.41E-02	4.93E-06	3.77E-03	NA	0.00E+00	0.00E+00	1.18E-01	3.82E-05	2.75E-03	1.31E-07	7.92E-02	2.14E-06	3.33E-02	1.51E-06	1.69E-02	7.68E-07	4.14E-03	1.88E-07	5.43E-02	2.47E-06
285	371028	3755273	Commercial	6.76E-02	5.20E-06	3.98E-03	NA	0.00E+00	0.00E+00	1.25E-01	4.03E-05	2.90E-03	1.38E-07	8.36E-02	2.26E-06	3.51E-02	1.60E-06	1.78E-02	8.10E-07	4.36E-03	1.98E-07	5.73E-02	2.60E-06
286	371031	3755350	Commercial	7.09E-02	5.45E-06	4.17E-03	NA	0.00E+00	0.00E+00	1.31E-01	4.22E-05	3.04E-03	1.45E-07	8.77E-02	2.37E-06	3.68E-02	1.67E-06	1.87E-02	8.49E-07	4.57E-03	2.08E-07	6.01E-02	2.73E-06
287	371020	3755376	Commercial	7.26E-02	5.58E-06	4.27E-03	NA	0.00E+00	0.00E+00	1.34E-01	4.32E-05	3.11E-03	1.48E-07	8.98E-02	2.43E-06	3.77E-02	1.71E-06	1.91E-02	8.69E-07	4.68E-03	2.13E-07	6.15E-02	2.80E-06
288	371018	3755470	Commercial	7.66E-02	5.89E-06	4.51E-03	NA	0.00E+00	0.00E+00	1.41E-01	4.56E-05	3.28E-03	1.56E-07	9.49E-02	2.56E-06	3.98E-02	1.81E-06	2.02E-02	9.17E-07	4.94E-03	2.25E-07	6.49E-02	2.95E-06
289	371017	3755556	Commercial	7.96E-02	6.12E-06	4.69E-03	NA	0.00E+00	0.00E+00	1.47E-01	4.74E-05	3.41E-03	1.62E-07	9.87E-02	2.67E-06	4.13E-02	1.88E-06	2.10E-02	9.53E-07	5.14E-03	2.34E-07	6.75E-02	3.07E-06
290	371040	3755532	Commercial	7.66E-02	5.89E-06	4.51E-03	NA	0.00E+00	0.00E+00	1.41E-01	4.56E-05	3.28E-03	1.56E-07	9.50E-02	2.57E-06	3.98E-02	1.81E-06	2.02E-02	9.18E-07	4.95E-03	2.25E-07	6.49E-02	2.95E-06
291	371026	3755420	Commercial	7.41E-02	5.70E-06	4.36E-03	NA	0.00E+00	0.00E+00	1.37E-01	4.41E-05	3.18E-03	1.51E-07	9.18E-02	2.48E-06	3.85E-02	1.75E-06	1.95E-02	8.88E-07	4.78E-03	2.17E-07	6.28E-02	2.85E-06
292	371016	3755399	Commercial	7.39E-02	5.68E-06	4.35E-03	NA	0.00E+00	0.00E+00	1.36E-01	4.40E-05	3.17E-03	1.51E-07	9.14E-02	2.47E-06	3.84E-02	1.74E-06	1.95E-02	8.85E-07	4.77E-03	2.17E-07	6.26E-02	2.84E-06
293	370916	3755327	Commercial	7.41E-02	5.70E-06	4.36E-03	NA	0.00E+00	0.00E+00	1.37E-01	4.41E-05	3.18E-03	1.51E-07	9.15E-02	2.47E-06	3.85E-02	1.75E-06	1.95E-02	8.88E-07	4.78E-03	2.17E-07	6.28E-02	2.85E-06
294	370816	3755255	Commercial	6.89E-02	5.30E-06	4.06E-03	NA	0.00E+00	0.00E+00	1.27E-01	4.11E-05	2.96E-03	1.41E-07	8.49E-02	2.29E-06	3.58E-02	1.63E-06	1.82E-02	8.26E-07	4.45E-03	2.02E-07	5.84E-02	2.66E-06
385	370885	3757751	Commercial	1.16E-01	8.92E-06	6.82E-03	NA	0.00E+00	0.00E+00	2.14E-01	6.91E-05	4.97E-03	2.37E-07	1.42E-01	3.84E-06	6.02E-02	2.74E-06	3.05E-02	1.39E-06	7.48E-03	3.40E-07	9.82E-02	4.47E-06
386	370907	3757702	Commercial	1.34E-01	1.03E-05	7.88E-03	NA	0.00E+00	0.00E+00	2.47E-01	7.97E-05	5.74E-03	2.73E-07	1.65E-01	4.45E-06	6.95E-02	3.16E-06	3.53E-02	1.60E-06	8.63E-03	3.92E-07	1.13E-01	5.16E-06
387	370945	3757670	Commercial	1.49E-01	1.14E-05	8.76E-03	NA	0.00E+00	0.00E+00	2.75E-01	8.86E-05	6.38E-03	3.04E-07	1.83E-01	4.95E-06	7.73E-02	3.51E-06	3.92E-02	1.78E-06	9.60E-03	4.36E-07	1.26E-01	5.73E-06
388	371046	3757668	Commercial	1.59E-01	1.22E-05	9.33E-03	NA	0.00E+00	0.00E+00	2.93E-01	9.44E-05	6.80E-03	3.24E-07	1.96E-01	5.29E-06	8.24E-02	3.74E-06	4.18E-02	1.90E-06	1.02E-02	4.65E-07	1.34E-01	6.11E-06
389	371046	3757585	Commercial	1.80E-01	1.38E-05	1.06E-02	NA	0.00E+00	0.00E+00	3.31E-01	1.07E-04	7.70E-03	3.66E-07	2.22E-01	6.00E-06	9.32E-02	4.24E-06	4.73E-02	2.15E-06	1.16E-02	5.27E-07	1.52E-01	6.92E-06
390	371122	3757584	Commercial	1.77E-01	1.36E-05	1.04E-02	NA	0.00E+00	0.00E+00	3.28E-01	1.06E-04	7.60E-03	3.62E-07	2.19E-01	5.93E-06	9.21E-02	4.19E-06	4.67E-02	2.12E-06	1.14E-02	5.20E-07	1.50E-01	6.83E-06
399	371970	3757842	Commercial	9.68E-02	7.44E-06	5.70E-03	NA	0.00E+00	0.00E+00	1.79E-01	5.76E-05	4.15E-03	1.98E-07	1.20E-01	3.24E-06	5.02E-02	2.28E-06	2.55E-02	1.16E-06	6.24E-03	2.84E-07	8.20E-02	3.73E-06
400	372023	3757843	Commercial	9.31E-02	7.16E-06	5.48E-03	NA	0.00E+00	0.00E+00	1.72E-01	5.54E-05	3.99E-03	1.90E-07	1.15E-01	3.11E-06	4.83E-02	2.20E-06	2.45E-02	1.11E-06	6.01E-03	2.73E-07	7.88E-02	3.58E-06
401	372020	3757552	Commercial	8.79E-02	6.76E-06	5.17E-03	NA	0.00E+00	0.00E+00	1.62E-01	5.23E-05	3.77E-03	1.79E-07	1.09E-01	2.94E-06	4.56E-02	2.07E-06	2.31E-02	1.05E-06	5.67E-03	2.58E-07	7.44E-02	3.38E-06
402	372002	3757140	Commercial	1.14E-01	8.78E-06	6.72E-03	NA	0.00E+00	0.00E+00	2.11E-01	6.80E-05	4.90E-03	2.33E-07	1.41E-01	3.82E-06	5.93E-02	2.70E-06	3.01E-02	1.37E-06	7.37E-03	3.35E-07	9.68E-02	4.40E-06
403	371514	3757136	Commercial	1.47E-01	1.13E-05	8.67E-03	NA	0.00E+00	0.00E+00	2.72E-01	8.77E-05	6.31E-03	3.01E-07	1.82E-01	4.93E-06	7.65E-02	3.48E-06	3.88E-02	1.76E-06	9.50E-03	4.32E-07	1.25E-01	5.67E-06
404	371035	3757133	Commercial	2.81E-01	2.16E-05	1.65E-02	NA	0.00E+00	0.00E+00	5.19E-01	1.67E-04	1.20E-02	5.73E-07	3.49E-01	9.44E-06	1.46E-01	6.63E-06	7.40E-02	3.36E-06	1.81E-02	8.25E-07	2.38E-01	1.08E-05
405	371034	3757085	Commercial	2.80E-01	2.15E-05	1.65E-02	NA	0.00E+00	0.00E+00	5.16E-01	1.67E-04	1.20E-02	5.71E-07	3.48E-01	9.40E-06	1.45E-01	6.60E-06	7.37E-02	3.35E-06	1.81E-02	8.21E-07	2.37E-01	1.08E-05
406	370764	3757087	Commercial	4.18E-01	3.22E-05	2.46E-02	NA	0.00E+00	0.00E+00	7.72E-01	2.49E-04	1.79E-02	8.54E-07	5.20E-01	1.41E-05	2.17E-01	9.87E-06	1.10E-01	5.01E-06	2.70E-02	1.23E-06	3.54E-01	1.61E-05
407	370754	3756818	Commercial	5.63E-01	4.33E-05	3.31E-02	NA	0.00E+00	0.00E+00	1.04E+00	3.35E-04	2.41E-02	1.15E-06	7.01E-01	1.89E-05	2.92E-01	1.33E-05	1.48E-01	6.73E-06	3.63E-02	1.65E-06	4.76E-01	2.17E-05
408	371031	3756807	Commercial	3.80E-01	2.92E-05	2.23E-02	NA	0.00E+00	0.00E+00	7.01E-01	2.26E-04	1.63E-02	7.75E-07	4.71E-01	1.27E-05	1.97E-01	8.96E-06	1.00E-01	4.55E-06	2.45E-02	1.11E-06	3.22E-01	1.46E-05
409	371033	3756780	Commercial	3.88E-01	2.98E-05	2.28E-02	NA	0.00E+00	0.00E+00	7.16E-01	2.31E-04	1.66E-02	7.92E-07	4.82E-01	1.30E-05	2.01E-01	9.16E-06	1.02E-01	4.65E-06	2.50E-02	1.14E-06	3.29E-01	1.49E-05
410	371483	3756770	Commercial	2.10E-01	1.62E-05	1.24E-02	NA	0.00E+00	0.00E+00	3.88E-01	1.25E-04	9.00E-03	4.29E-07	2.60E-01	7.03E-06	1.09E-01	4.96E-06	5.53E-02	2.52E-06	1.36E-02	6.16E-07	1.78E-01	8.09E-06
411	371817	3756763	Commercial	1.48E-01	1.13E-05	8.68E-03	NA	0.00E+00	0.00E+00	2.72E-01	8.79E-05	6.32E-03	3.01E-07	1.82E-01	4.93E-06	7.66E-02	3.48E-06	3.89E-02	1.77E-06	9.52E-03	4.33E-07	1.25E-01	5.68E-06
412	372274	3756753	Commercial	9.90E-02	7.61E-06	5.83E-03	NA	0.00E+00	0.00E+00	1.83E-01	5.89E-05	4.24E-03	2.02E-07	1.22E-01	3.31E-06	5.14E-02	2.34E-06	2.61E-02	1.19E-06	6.39E-03	2.90E-07	8.39E-02	3.81E-06
413	372713	3756743	Commercial	7.22E-02	5.56E-06	4.25E-03	NA	0.00E+00	0.00E+00	1.33E-01	4.30E-05	3.10E-03	1.47E-07	8.92E-02	2.41E-06	3.75E-02	1.70E-06	1.90E-02	8.65E-07	4.66E-03	2.12E-07	6.12E-02	2.78E-06
414	372703	3756553	Commercial	5.59E-02	4.30E-06	3.29E-03	NA	0.00E+00	0.00E+00	1.03E-01	3.33E-05	2.40E-03	1.14E-07	6.91E-02	1.87E-06	2.91E-02	1.32E-06	1.47E-02	6.70E-07	3.61E-03	1.64E-07	4.74E-02	2.16E-06
415	372819	3756549	Commercial	5.22E-02	4.01E-06	3.07E-03	NA	0.00E+00	0.00E+00	9.63E-02	3.11E-05	2.24E-03	1.06E-07	6.44E-02	1.74E-06	2.71E-02	1.23E-06	1.37E-02	6.25E-07	3.37E-03	1.53E-07	4.42E-02	2.01E-06
416	372814	3756455	Commercial	4.40E-02	3.38E-06	2.59E-03	NA	0.00E+00	0.00E+00	8.12E-02	2.62E-05	1.89E-03	8.98E-08	5.43E-02	1.47E-06	2.28E-02	1.04E-06	1.16E-02	5.27E-07	2.84E-03	1.29E-07	3.73E-02	1.69E-06
417	372797	3756368	Commercial	3.72E-02	2.86E-06	2.19E-03	NA	0.00E+00	0.00E+00	6.87E-02	2.22E-05	1.60E-03	7.60E-08	4.59E-02	1.24E-06	1.93E-02	8.79E-07	9.81E-03	4.46E-07	2.40E-03	1.09E-07	3.15E-02	1.43E-06
418	372705	3756372	Commercial	3.93E-02	3.03E-06	2.32E-03	NA	0.00E+00	0.00E+00	7.26E-02	2.34E-05	1.69E-03	8.03E-08	4.85E-02	1.31E-06	2.04E-02	9.29E-07	1.04E-02	4.71E-07	2.54E-03	1.15E-07	3.33E-02	1.52E-06
419	372706	3756327	Commercial	3.50E-02	2.69E-06	2.06E-03	NA	0.00E+00	0.00E+00	6.46E-02	2.08E-05	1.50E-03	7.14E-08	4.31E-02	1.17E-06	1.82E-02	8.26E-07	9.22E-03	4.19E-07	2.26E-03	1.03E-07	2.97E-02	1.35E-06
420	372927	3756319	Commercial	3.11E-02	2.39E-06	1.83E-03	NA	0.00E+00	0.00E+00	5.74E-02	1.85E-05	1.33E-03	6.34E-08	3.83E-02	1.04E-06	1.61E-02	7.34E-07	8.19E-03	3.72E-07	2.01E-03	9.11E-08	2.63E-02	1.20E-06
421	372926	3756245	Commercial	2.58E-02	1.99E-06	1.52E-03	NA	0.00E+00	0.00E+00	4.77E-02	1.54E-05	1.11E-03	5.28E-08	3.18E-02	8.61E-07	1.34E-02	6.10E-07	6.81E-03	3.10E-07	1.67E-03	7.58E-08	2.19E-02	9.96E-07
422	373457	3756236	Commercial	2.09E-02	1.60E-06	1.23E-03	NA	0.00E+00	0.00E+00	3.85E-02	1.24E-05	8.94E-04	4.26E-08	2.57E-02	6.95E-07	1.08E-02	4.93E-07	5.50E-03	2.50E-07	1.35E-03	6.12E-08	1.77E-02	8.04E-07
423	373448	3755560	Commercial	2.24E-02	1.73E-06	1.32E-03	NA	0.00E+00	0.00E+00	4.14E-02	1.34E-05	9.61E-04	4.58E-08	2.77E-02	7.50E-07	1.16E-02	5.29E-07	5.91E-03	2.69E-07	1.45E-03	6.58E-08	1.90E-02	8.64E-07
424	373222	3755569	Commercial	2.58E-02	1.99E-06	1.52E-03	NA	0.00E+00	0.00E+00	4.77E-02	1.54E-05	1.11E-03	5.27E-08	3.20E-02	8.64E-07	1.34E-02	6.10E-07	6.81E-03	3.09E-07	1.67E-03	7.58E-08	2.19E-02	9.95E-07
425	373219	3755705	Commercial	2.39E-02	1.84E-06	1.41E-03	NA	0.00E+00	0.00E+00	4.41E-02	1.42E-05	1.02E-03	4.88E-08	2.96E-02	7.99E-07	1.24E-02	5.64E-07	6.30E-03	2.86E-07	1.54E-03	7.01E-08	2.03E-02	9.21E-07
426	373135	3755704	Commercial	2.55E-02	1.96E-06	1.50E-03	NA	0.00E+00	0.00E+00	4.71E-02	1.52E-05	1.09E-03	5.20E-08	3.15E-02	8.52E-07	1.32E-02	6.02E-07	6.71E-03	3.05E-07	1.64E-03	7.48E-08	2.16E-02	9.81E-07
427	373131	3755567	Commercial	2.75E-02	2.11E-06	1.62E-03	NA	0.00E+00	0.00E+00	5.07E-02	1.64E-05	1.18E-03	5.61E-08	3.40E-02	9.18E-07	1.43E-02	6.49E-07	7.24E-03	3.29E-07	1.77E-03	8.06E-08	2.33E-02	1.06E-06
428	373054	3755563	Commercial	2.89E-02	2.22E-06	1.70E-03	NA	0.00E+00	0.00E+00	5.34E-02	1.72E-05	1.24E-03	5.90E-08	3.57E-02	9.66E-07	1.50E-02	6.82E-07	7.61E-03	3.46E-07	1.87E-03	8.48E-08	2.45E-02	1.11E-06
429	373046	3755174	Commercial	2.92E-02	2.25E-06	1.72E-03	NA	0.00E+00	0.00E+00	5.40E-02	1.74E-05	1.25E-03	5.97E-08	3.61E-02	9.75E-07	1.52E-02	6.90E-07	7.70E-03	3.50E-07	1.89E-03	8.57E-08	2.48E-02	1.13E-06
430	372725	3755177	Commercial	3.22E-02	2.47E-06	1.89E-03	NA	0.00E+00	0.00E+00	5.94E-02	1.92E-05	1.38E-03	6.56E-08	3.97E-02	1.07E-06	1.67E-02	7.59E-07	8.47E-03	3.85E-07	2.08E-03	9.43E-08	2.72E-02	1.24E-06
431	372624	3755182	Commercial	3.29E-02	2.53E-06	1.94E-03	NA	0.00E+00	0.00E+00	6.08E-02	1.96E-05	1.41E-03	6.72E-08	4.06E-02	1.10E-06	1.71E-02	7.77E-07	8.68E-03	3.94E-07	2.12E-03	9.66E-08	2.79E-02	1.27E-06
432	372238	3755186	Commercial	3.39E-02	2.61E-06	2.00E-03	NA	0.00E+00	0.00E+00	6.26E-02	2.02E-05	1.45E-03	6.92E-08	4.18E-02	1.13E-06	1.76E-02	8.01E-07	8.94E-03	4.06E-07	2.19E-03	9.95E-08	2.87E-02	1.31E-06
433	371843	3755189	Commercial	3.04E-02	2.34E-06	1.79E-03	NA	0.00E+00	0.00E+00	5.62E-02	1.81E-05	1.31E-03	6.21E-08	3.74E-02	1.01E-06	1.58E-02	7.19E-07	8.02E-03	3.65E-07	1.96E-03	8.92E-08	2.58E-02	1.17E-06
434	371463	3755192	Commercial	4.21E-02	3.23E-06	2.47E-03	NA	0.00E+00	0.00E+00	7.76E-02	2.50E-05	1.80E-03	8.58E-08	5.22E-02	1.41E-06	2.18E-02	9.92E-07	1.11E-02	5.04E-07	2.71E-03	1.23E-07	3.56E-02	1.62E-06
435	371049	3755196	Commercial	6.34E-02	4.87E-06	3.73E-03	NA	0.00E+00	0.00E+00	1.17E-01	3.77E-05	2.72E-03	1.29E-07	7.83E-02	2.12E-06	3.29E-02	1.50E-06	1.67E-02	7.59E-07	4.09E-03	1.86E-07	5.37E-02	2.44E-06
436	371056	3755349	Commercial	6.94E-02	5.34E-06	4.09E-03	NA	0.00E+00	0.00E+00	1.28E-01	4.13E-05	2.98E-03	1.42E-07	8.59E-02	2.32E-06	3.60E-02	1.64E-06	1.83E-02	8.31E-07	4.48E-03	2.04E-07	5.88E-02	2.67E-06
437	371043	3755384	Commercial	7.16E-02	5.50E-06	4.21E-03	NA	0.00E+00	0.00E+00	1.32E-01	4.26E-05	3.07E-03	1.46E-07	8.86E-02	2.39E-06	3.72E-02	1.69E-06	1.89E-02	8.57E-07	4.62E-03	2.10E-07	6.06E-02	2.76E-06
438	371042	3755556	Commercial	7.70E-02	5.92E-06	4.53E-03	NA	0.00E+00	0.00E+00	1.42E-01	4.59E-05	3.30E-03	1.57E-07	9.55E-02	2.58E-06	4.00E-02	1.82E-06	2.03E-02	9.22E-07	4.97E-03	2.26E-07	6.52E-02	2.97E-06
439	370996	3755560	Commercial	8.19E-02	6.30E-06	4.82E-03	NA	0.00E+00	0.00E+00	1.51E-01	4.88E-05	3.51E-03	1.67E-07	1.02E-01	2.75E-06	4.25E-02	1.93E-06	2.16E-02	9.81E-07	5.29E-03	2.40E-07	6.94E-02	3.16E-06
440	371001	3755419	Commercial	7.57E-02	5.82E-06	4.45E-03	NA	0.00E+00	0.00E+00	1.40E-01	4.51E-05	3.24E-03	1.54E-07	9.37E-02	2.53E-06	3.93E-02	1.79E-06	1.99E-02	9.06E-07	4.88E-03	2.22E-07	6.41E-02	2.91E-06
441	370801	3755276	Commercial	7.03E-02	5.41E-06	4.14E-03	NA	0.00E+00	0.00E+00	1.30E-01	4.19E-05	3.01E-03	1.44E-07	8.66E-02	2.34E-06	3.65E-02	1.66E-06	1.85E-02	8.42E-07	4.54E-03	2.06E-07	5.96E-02	2.71E-06
1	372249	3757612	Residence	7.64E-02	5.88E-06	4.50E-03	NA	0.00E+00	0.00E+00	1.41E-01	4.55E-05	3.27E-03	1.56E-07	9.44E-02	2.55E-06	3.97E-02	1.80E-06	2.01E-02	9.15E-07	4.93E-03	2.24E-07	6.47E-02	2.94E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
		CalEPA Acute REL			13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
2	372499	3757612	Residence	6.68E-02	5.14E-06	3.93E-03	NA	0.00E+00	0.00E+00	1.23E-01	3.98E-05	2.86E-03	1.36E-07	8.26E-02	2.23E-06	3.47E-02	1.58E-06	1.76E-02	8.00E-07	4.31E-03	1.96E-07	5.66E-02	2.57E-06
3	372249	3757862	Residence	7.74E-02	5.96E-06	4.56E-03	NA	0.00E+00	0.00E+00	1.43E-01	4.61E-05	3.32E-03	1.58E-07	9.58E-02	2.59E-06	4.02E-02	1.83E-06	2.04E-02	9.27E-07	5.00E-03	2.27E-07	6.56E-02	2.98E-06
4	372499	3757862	Residence	6.14E-02	4.72E-06	3.61E-03	NA	0.00E+00	0.00E+00	1.13E-01	3.66E-05	2.63E-03	1.25E-07	7.59E-02	2.05E-06	3.19E-02	1.45E-06	1.62E-02	7.35E-07	3.96E-03	1.80E-07	5.20E-02	2.36E-06
5	372249	3758112	Residence	7.79E-02	6.00E-06	4.59E-03	NA	0.00E+00	0.00E+00	1.44E-01	4.64E-05	3.34E-03	1.59E-07	9.63E-02	2.60E-06	4.05E-02	1.84E-06	2.05E-02	9.33E-07	5.03E-03	2.29E-07	6.60E-02	3.00E-06
6	372499	3758112	Residence	6.71E-02	5.16E-06	3.95E-03	NA	0.00E+00	0.00E+00	1.24E-01	4.00E-05	2.88E-03	1.37E-07	8.30E-02	2.24E-06	3.49E-02	1.58E-06	1.77E-02	8.04E-07	4.33E-03	1.97E-07	5.69E-02	2.58E-06
7	372249	3758362	Residence	6.92E-02	5.32E-06	4.07E-03	NA	0.00E+00	0.00E+00	1.28E-01	4.12E-05	2.97E-03	1.41E-07	8.54E-02	2.31E-06	3.59E-02	1.63E-06	1.82E-02	8.29E-07	4.47E-03	2.03E-07	5.86E-02	2.67E-06
8	372499	3758362	Residence	6.54E-02	5.03E-06	3.85E-03	NA	0.00E+00	0.00E+00	1.21E-01	3.89E-05	2.80E-03	1.33E-07	8.07E-02	2.18E-06	3.39E-02	1.54E-06	1.72E-02	7.83E-07	4.22E-03	1.92E-07	5.54E-02	2.52E-06
9	373793	3755335	Residence	2.04E-02	1.57E-06	1.20E-03	NA	0.00E+00	0.00E+00	3.76E-02	1.21E-05	8.72E-04	4.15E-08	2.52E-02	6.80E-07	1.06E-02	4.80E-07	5.36E-03	2.44E-07	1.31E-03	5.97E-08	1.72E-02	7.84E-07
10	374093	3755335	Residence	1.73E-02	1.33E-06	1.02E-03	NA	0.00E+00	0.00E+00	3.19E-02	1.03E-05	7.39E-04	3.52E-08	2.13E-02	5.77E-07	8.96E-03	4.07E-07	4.55E-03	2.07E-07	1.11E-03	5.06E-08	1.46E-02	6.64E-07
11	373793	3755710	Residence	1.59E-02	1.22E-06	9.37E-04	NA	0.00E+00	0.00E+00	2.94E-02	9.48E-06	6.82E-04	3.25E-08	1.97E-02	5.32E-07	8.26E-03	3.76E-07	4.19E-03	1.91E-07	1.03E-03	4.67E-08	1.35E-02	6.13E-07
12	374093	3755710	Residence	1.29E-02	9.95E-07	7.61E-04	NA	0.00E+00	0.00E+00	2.39E-02	7.70E-06	5.55E-04	2.64E-08	1.60E-02	4.33E-07	6.72E-03	3.05E-07	3.41E-03	1.55E-07	8.35E-04	3.79E-08	1.10E-02	4.98E-07
13	373793	3756085	Residence	1.31E-02	1.01E-06	7.72E-04	NA	0.00E+00	0.00E+00	2.42E-02	7.81E-06	5.62E-04	2.68E-08	1.62E-02	4.37E-07	6.81E-03	3.10E-07	3.46E-03	1.57E-07	8.46E-04	3.85E-08	1.11E-02	5.05E-07
14	374093	3756085	Residence	1.21E-02	9.33E-07	7.14E-04	NA	0.00E+00	0.00E+00	2.24E-02	7.23E-06	5.20E-04	2.48E-08	1.49E-02	4.04E-07	6.30E-03	2.86E-07	3.20E-03	1.45E-07	7.83E-04	3.56E-08	1.03E-02	4.67E-07
15	373793	3756460	Residence	2.78E-02	2.14E-06	1.63E-03	NA	0.00E+00	0.00E+00	5.13E-02	1.65E-05	1.19E-03	5.67E-08	3.43E-02	9.26E-07	1.44E-02	6.56E-07	7.32E-03	3.33E-07	1.79E-03	8.14E-08	2.35E-02	1.07E-06
16	374093	3756460	Residence	2.48E-02	1.90E-06	1.46E-03	NA	0.00E+00	0.00E+00	4.57E-02	1.47E-05	1.06E-03	5.05E-08	3.06E-02	8.26E-07	1.29E-02	5.85E-07	6.52E-03	2.97E-07	1.60E-03	7.26E-08	2.10E-02	9.54E-07
17	373793	3756835	Residence	4.37E-02	3.36E-06	2.57E-03	NA	0.00E+00	0.00E+00	8.07E-02	2.60E-05	1.87E-03	8.92E-08	5.39E-02	1.46E-06	2.27E-02	1.03E-06	1.15E-02	5.23E-07	2.82E-03	1.28E-07	3.70E-02	1.68E-06
18	374093	3756835	Residence	3.79E-02	2.92E-06	2.23E-03	NA	0.00E+00	0.00E+00	7.00E-02	2.26E-05	1.62E-03	7.74E-08	4.68E-02	1.26E-06	1.97E-02	8.95E-07	9.99E-03	4.54E-07	2.45E-03	1.11E-07	3.21E-02	1.46E-06
19	373793	3757210	Residence	5.06E-02	3.89E-06	2.98E-03	NA	0.00E+00	0.00E+00	9.35E-02	3.02E-05	2.17E-03	1.03E-07	6.25E-02	1.69E-06	2.63E-02	1.19E-06	1.33E-02	6.06E-07	3.27E-03	1.49E-07	4.29E-02	1.95E-06
20	374093	3757210	Residence	4.52E-02	3.48E-06	2.66E-03	NA	0.00E+00	0.00E+00	8.34E-02	2.69E-05	1.94E-03	9.22E-08	5.58E-02	1.51E-06	2.35E-02	1.07E-06	1.19E-02	5.41E-07	2.92E-03	1.33E-07	3.83E-02	1.74E-06
21	373793	3757585	Residence	4.43E-02	3.41E-06	2.61E-03	NA	0.00E+00	0.00E+00	8.18E-02	2.64E-05	1.90E-03	9.04E-08	5.47E-02	1.48E-06	2.30E-02	1.05E-06	1.17E-02	5.30E-07	2.86E-03	1.30E-07	3.75E-02	1.71E-06
22	374093	3757585	Residence	4.16E-02	3.20E-06	2.45E-03	NA	0.00E+00	0.00E+00	7.68E-02	2.48E-05	1.78E-03	8.49E-08	5.14E-02	1.39E-06	2.16E-02	9.82E-07	1.10E-02	4.98E-07	2.68E-03	1.22E-07	3.53E-02	1.60E-06
23	373793	3757960	Residence	3.52E-02	2.70E-06	2.07E-03	NA	0.00E+00	0.00E+00	6.49E-02	2.09E-05	1.51E-03	7.18E-08	4.34E-02	1.17E-06	1.83E-02	8.30E-07	9.26E-03	4.21E-07	2.27E-03	1.03E-07	2.98E-02	1.35E-06
24	374093	3757960	Residence	3.03E-02	2.33E-06	1.79E-03	NA	0.00E+00	0.00E+00	5.60E-02	1.81E-05	1.30E-03	6.19E-08	3.75E-02	1.01E-06	1.58E-02	7.16E-07	7.99E-03	3.63E-07	1.96E-03	8.90E-08	2.57E-02	1.17E-06
25	373793	3758335	Residence	3.53E-02	2.71E-06	2.08E-03	NA	0.00E+00	0.00E+00	6.51E-02	2.10E-05	1.51E-03	7.20E-08	4.36E-02	1.18E-06	1.83E-02	8.33E-07	9.30E-03	4.23E-07	2.28E-03	1.03E-07	2.99E-02	1.36E-06
26	374093	3758335	Residence	3.22E-02	2.47E-06	1.89E-03	NA	0.00E+00	0.00E+00	5.94E-02	1.92E-05	1.38E-03	6.56E-08	3.97E-02	1.07E-06	1.67E-02	7.59E-07	8.47E-03	3.85E-07	2.07E-03	9.43E-08	2.72E-02	1.24E-06
27	373793	3758710	Residence	3.30E-02	2.54E-06	1.94E-03	NA	0.00E+00	0.00E+00	6.10E-02	1.97E-05	1.42E-03	6.75E-08	4.09E-02	1.10E-06	1.72E-02	7.80E-07	8.71E-03	3.96E-07	2.13E-03	9.69E-08	2.80E-02	1.27E-06
28	374093	3758710	Residence	2.96E-02	2.27E-06	1.74E-03	NA	0.00E+00	0.00E+00	5.46E-02	1.76E-05	1.27E-03	6.03E-08	3.65E-02	9.86E-07	1.54E-02	6.98E-07	7.79E-03	3.54E-07	1.91E-03	8.67E-08	2.50E-02	1.14E-06
30	367278	3755614	Residence	8.00E-02	6.16E-06	4.71E-03	NA	0.00E+00	0.00E+00	1.48E-01	4.77E-05	3.43E-03	1.63E-07	9.85E-02	2.66E-06	4.16E-02	1.89E-06	2.11E-02	9.58E-07	5.16E-03	2.35E-07	6.78E-02	3.08E-06
31	367231	3755722	Residence	8.37E-02	6.44E-06	4.93E-03	NA	0.00E+00	0.00E+00	1.55E-01	4.99E-05	3.59E-03	1.71E-07	1.03E-01	2.79E-06	4.35E-02	1.98E-06	2.21E-02	1.00E-06	5.40E-03	2.46E-07	7.10E-02	3.23E-06
32	367185	3755830	Residence	8.48E-02	6.52E-06	4.99E-03	NA	0.00E+00	0.00E+00	1.57E-01	5.05E-05	3.64E-03	1.73E-07	1.04E-01	2.82E-06	4.40E-02	2.00E-06	2.23E-02	1.02E-06	5.47E-03	2.49E-07	7.19E-02	3.27E-06
33	367138	3755938	Residence	8.99E-02	6.92E-06	5.29E-03	NA	0.00E+00	0.00E+00	1.66E-01	5.36E-05	3.85E-03	1.84E-07	1.11E-01	2.99E-06	4.67E-02	2.12E-06	2.37E-02	1.08E-06	5.80E-03	2.64E-07	7.62E-02	3.46E-06
34	367091	3756047	Residence	9.14E-02	7.03E-06	5.38E-03	NA	0.00E+00	0.00E+00	1.69E-01	5.44E-05	3.92E-03	1.87E-07	1.12E-01	3.04E-06	4.75E-02	2.16E-06	2.41E-02	1.09E-06	5.90E-03	2.68E-07	7.74E-02	3.52E-06
35	367048	3756147	Residence	8.96E-02	6.89E-06	5.28E-03	NA	0.00E+00	0.00E+00	1.66E-01	5.34E-05	3.84E-03	1.83E-07	1.10E-01	2.98E-06	4.65E-02	2.12E-06	2.36E-02	1.07E-06	5.78E-03	2.63E-07	7.59E-02	3.45E-06
36	367005	3756247	Residence	8.48E-02	6.52E-06	4.99E-03	NA	0.00E+00	0.00E+00	1.57E-01	5.05E-05	3.64E-03	1.73E-07	1.04E-01	2.82E-06	4.40E-02	2.00E-06	2.23E-02	1.02E-06	5.47E-03	2.49E-07	7.19E-02	3.27E-06
37	366962	3756348	Residence	8.69E-02	6.69E-06	5.12E-03	NA	0.00E+00	0.00E+00	1.61E-01	5.18E-05	3.73E-03	1.77E-07	1.07E-01	2.89E-06	4.51E-02	2.05E-06	2.29E-02	1.04E-06	5.61E-03	2.55E-07	7.37E-02	3.35E-06
38	366918	3756450	Residence	8.65E-02	6.66E-06	5.09E-03	NA	0.00E+00	0.00E+00	1.60E-01	5.15E-05	3.71E-03	1.77E-07	1.06E-01	2.88E-06	4.49E-02	2.04E-06	2.28E-02	1.04E-06	5.58E-03	2.54E-07	7.33E-02	3.33E-06
39	366874	3756551	Residence	8.40E-02	6.46E-06	4.94E-03	NA	0.00E+00	0.00E+00	1.55E-01	5.00E-05	3.60E-03	1.71E-07	1.03E-01	2.79E-06	4.36E-02	1.98E-06	2.21E-02	1.01E-06	5.42E-03	2.46E-07	7.12E-02	3.24E-06
40	366830	3756653	Residence	7.93E-02	6.10E-06	4.67E-03	NA	0.00E+00	0.00E+00	1.46E-01	4.72E-05	3.40E-03	1.62E-07	9.76E-02	2.64E-06	4.12E-02	1.87E-06	2.09E-02	9.50E-07	5.12E-03	2.33E-07	6.72E-02	3.05E-06
41	366840	3756685	Residence	8.07E-02	6.21E-06	4.75E-03	NA	0.00E+00	0.00E+00	1.49E-01	4.81E-05	3.46E-03	1.65E-07	9.93E-02	2.68E-06	4.19E-02	1.90E-06	2.13E-02	9.66E-07	5.21E-03	2.37E-07	6.84E-02	3.11E-06
42	366890	3756714	Residence	8.29E-02	6.37E-06	4.88E-03	NA	0.00E+00	0.00E+00	1.53E-01	4.94E-05	3.55E-03	1.69E-07	1.02E-01	2.76E-06	4.30E-02	1.96E-06	2.18E-02	9.92E-07	5.35E-03	2.43E-07	7.02E-02	3.19E-06
43	366879	3756683	Residence	8.20E-02	6.31E-06	4.83E-03	NA	0.00E+00	0.00E+00	1.51E-01	4.88E-05	3.51E-03	1.67E-07	1.01E-01	2.73E-06	4.26E-02	1.94E-06	2.16E-02	9.82E-07	5.29E-03	2.40E-07	6.95E-02	3.16E-06
44	366852	3756751	Residence	8.20E-02	6.31E-06	4.83E-03	NA	0.00E+00	0.00E+00	1.51E-01	4.88E-05	3.51E-03	1.67E-07	1.01E-01	2.73E-06	4.26E-02	1.93E-06	2.16E-02	9.82E-07	5.29E-03	2.40E-07	6.95E-02	3.16E-06
45	366884	3756737	Residence	8.30E-02	6.38E-06	4.88E-03	NA	0.00E+00	0.00E+00	1.53E-01	4.94E-05	3.56E-03	1.69E-07	1.02E-01	2.76E-06	4.31E-02	1.96E-06	2.19E-02	9.93E-07	5.35E-03	2.43E-07	7.03E-02	3.19E-06
46	366821	3756715	Residence	8.05E-02	6.20E-06	4.74E-03	NA	0.00E+00	0.00E+00	1.49E-01	4.80E-05	3.45E-03	1.64E-07	9.91E-02	2.68E-06	4.18E-02	1.90E-06	2.12E-02	9.65E-07	5.20E-03	2.36E-07	6.82E-02	3.10E-06
47	366790	3756728	Residence	7.97E-02	6.13E-06	4.69E-03	NA	0.00E+00	0.00E+00	1.47E-01	4.75E-05	3.42E-03	1.63E-07	9.81E-02	2.65E-06	4.14E-02	1.88E-06	2.10E-02	9.55E-07	5.14E-03	2.34E-07	6.75E-02	3.07E-06
48	366745	3756823	Residence	7.85E-02	6.04E-06	4.62E-03	NA	0.00E+00	0.00E+00	1.45E-01	4.68E-05	3.36E-03	1.60E-07	9.66E-02	2.61E-06	4.08E-02	1.85E-06	2.07E-02	9.40E-07	5.06E-03	2.30E-07	6.65E-02	3.02E-06
49	366700	3756919	Residence	7.57E-02	5.82E-06	4.45E-03	NA	0.00E+00	0.00E+00	1.40E-01	4.51E-05	3.24E-03	1.54E-07	9.31E-02	2.52E-06	3.93E-02	1.79E-06	1.99E-02	9.06E-07	4.88E-03	2.22E-07	6.41E-02	2.91E-06
50	366655	3757014	Residence	7.16E-02	5.50E-06	4.21E-03	NA	0.00E+00	0.00E+00	1.32E-01	4.26E-05	3.07E-03	1.46E-07	8.81E-02	2.38E-06	3.72E-02	1.69E-06	1.89E-02	8.57E-07	4.62E-03	2.10E-07	6.06E-02	2.76E-06
51	366608	3757113	Residence	6.58E-02	5.06E-06	3.87E-03	NA	0.00E+00	0.00E+00	1.21E-01	3.92E-05	2.82E-03	1.34E-07	8.10E-02	2.19E-06	3.42E-02	1.55E-06	1.73E-02	7.88E-07	4.24E-03	1.93E-07	5.57E-02	2.53E-06
52	366561	3757212	Residence	5.95E-02	4.58E-06	3.50E-03	NA	0.00E+00	0.00E+00	1.10E-01	3.54E-05	2.55E-03	1.21E-07	7.33E-02	1.98E-06	3.09E-02	1.40E-06	1.57E-02	7.13E-07	3.84E-03	1.75E-07	5.04E-02	2.29E-06
53	366514	3757311	Residence	5.27E-02	4.06E-06	3.10E-03	NA	0.00E+00	0.00E+00	9.74E-02	3.14E-05	2.26E-03	1.08E-07	6.50E-02	1.76E-06	2.74E-02	1.25E-06	1.39E-02	6.32E-07	3.40E-03	1.55E-07	4.47E-02	2.03E-06
54	366464	3757416	Residence	4.96E-02	3.82E-06	2.92E-03	NA	0.00E+00	0.00E+00	9.17E-02	2.96E-05	2.13E-03	1.01E-07	6.10E-02	1.65E-06	2.58E-02	1.17E-06	1.31E-02	5.94E-07	3.20E-03	1.46E-07	4.21E-02	1.91E-06
55	366415	3757520	Residence	5.02E-02	3.86E-06	2.96E-03	NA	0.00E+00	0.00E+00	9.27E-02	2.99E-05	2.15E-03	1.03E-07	6.18E-02	1.67E-06	2.61E-02	1.19E-06	1.32E-02	6.01E-07	3.24E-03	1.47E-07	4.26E-02	1.93E-06
56	366434	3757556	Residence	5.10E-02	3.92E-06	3.00E-03	NA	0.00E+00	0.00E+00	9.41E-02	3.04E-05	2.19E-03	1.04E-07	6.27E-02	1.70E-06	2.65E-02	1.20E-06	1.34E-02	6.11E-07	3.29E-03	1.50E-07	4.32E-02	1.96E-06
57	366484	3757562	Residence	5.20E-02	4.00E-06	3.06E-03	NA	0.00E+00	0.00E+00	9.61E-02	3.10E-05	2.23E-03	1.06E-07	6.40E-02	1.73E-06	2.70E-02	1.23E-06	1.37E-02	6.23E-07	3.36E-03	1.53E-07	4.41E-02	2.00E-06
58	366567	3757525	Residence	5.36E-02	4.12E-06	3.15E-03	NA	0.00E+00	0.00E+00	9.90E-02	3.19E-05	2.30E-03	1.09E-07	6.59E-02	1.78E-06	2.78E-02	1.27E-06	1.41E-02	6.42E-07	3.46E-03	1.57E-07	4.54E-02	2.06E-06
59	366621	3757539	Residence	5.49E-02	4.22E-06	3.23E-03	NA	0.00E+00	0.00E+00	1.01E-01	3.27E-05	2.35E-03	1.12E-07	6.75E-02	1.83E-06	2.85E-02	1.30E-06	1.45E-02	6.57E-07	3.54E-03	1.61E-07	4.65E-02	2.11E-06
60	366646	3757556	Residence	5.56E-02	4.28E-06	3.27E-03	NA	0.00E+00	0.00E+00	1.03E-01	3.31E-05	2.38E-03	1.13E-07	6.84E-02	1.85E-06	2.89E-02	1.31E-06	1.46E-02	6.66E-07	3.59E-03	1.63E-07	4.71E-02	2.14E-06
61	366713	3757550	Residence	5.71E-02	4.39E-06	3.36E-03	NA	0.00E+00	0.00E+00	1.05E-01	3.40E-05	2.45E-03	1.16E-07	7.02E-02	1.90E-06	2.96E-02	1.35E-06	1.50E-02	6.83E-07	3.68E-03	1.67E-07	4.84E-02	2.20E-06
62	366779	3757545	Residence	5.86E-02	4.51E-06	3.45E-03	NA	0.00E+00	0.00E+00	1.08E-01	3.49E-05	2.51E-03	1.20E-07	7.21E-02	1.95E-06	3.04E-02	1.38E-06	1.54E-02	7.02E-07	3.78E-03	1.72E-07	4.96E-02	2.26E-06
63	366839	3757583	Residence	5.98E-02	4.60E-06	3.52E-03	NA	0.00E+00	0.00E+00	1.10E-01	3.56E-05	2.56E-03	1.22E-07	7.36E-02	1.99E-06	3.11E-02	1.41E-06	1.58E-02	7.16E-07	3.86E-03	1.75E-07	5.07E-02	2.30E-06
64	366913	3757623	Residence	6.10E-02	4.69E-06	3.59E-03	NA	0.00E+00	0.00E+00	1.13E-01	3.63E-05	2.61E-03	1.24E-07	7.51E-02	2.03E-06	3.17E-02	1.44E-06	1.61E-02	7.30E-07	3.93E-03	1.79E-07	5.17E-02	2.35E-06
65	366986	3757664	Residence	6.16E-02	4.74E-06	3.63E-03	NA	0.00E+00	0.00E+00	1.14E-01	3.67E-05	2.64E-03	1.26E-07	7.59E-02	2.05E-06	3.20E-02	1.45E-06	1.62E-02	7.38E-07	3.98E-03	1.81E-07	5.22E-02	2.37E-06
66	367074	3757713	Residence	6.17E-02	4.74E-06	3.63E-03	NA	0.00E+00	0.00E+00	1.14E-01	3.67E-05	2.64E-03	1.26E-07	7.60E-02	2.05E-06	3.20E-02	1.46E-06	1.62E-02	7.38E-07	3.98E-03	1.81E-07	5.22E-02	2.37E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
67	367162	3757761	Residence	6.09E-02	4.69E-06	3.59E-03	NA	0.00E+00	0.00E+00	1.12E-01	3.63E-05	2.61E-03	1.24E-07	7.51E-02	2.03E-06	3.16E-02	1.44E-06	1.61E-02	7.30E-07	3.93E-03	1.79E-07	5.16E-02	2.35E-06
68	367300	3757718	Residence	6.47E-02	4.98E-06	3.81E-03	NA	0.00E+00	0.00E+00	1.19E-01	3.85E-05	2.77E-03	1.32E-07	7.97E-02	2.15E-06	3.36E-02	1.53E-06	1.70E-02	7.75E-07	4.17E-03	1.90E-07	5.48E-02	2.49E-06
69	367385	3757734	Residence	6.46E-02	4.97E-06	3.80E-03	NA	0.00E+00	0.00E+00	1.19E-01	3.85E-05	2.77E-03	1.32E-07	7.96E-02	2.15E-06	3.35E-02	1.52E-06	1.70E-02	7.74E-07	4.17E-03	1.89E-07	5.47E-02	2.49E-06
70	367398	3757758	Residence	6.33E-02	4.87E-06	3.73E-03	NA	0.00E+00	0.00E+00	1.17E-01	3.77E-05	2.72E-03	1.29E-07	7.81E-02	2.11E-06	3.29E-02	1.50E-06	1.67E-02	7.59E-07	4.09E-03	1.86E-07	5.37E-02	2.44E-06
71	367506	3757818	Residence	5.95E-02	4.58E-06	3.50E-03	NA	0.00E+00	0.00E+00	1.10E-01	3.54E-05	2.55E-03	1.21E-07	7.34E-02	1.98E-06	3.09E-02	1.40E-06	1.57E-02	7.13E-07	3.84E-03	1.75E-07	5.04E-02	2.29E-06
72	367533	3757826	Residence	5.90E-02	4.53E-06	3.47E-03	NA	0.00E+00	0.00E+00	1.09E-01	3.51E-05	2.53E-03	1.20E-07	7.28E-02	1.97E-06	3.06E-02	1.39E-06	1.55E-02	7.06E-07	3.80E-03	1.73E-07	5.00E-02	2.27E-06
73	367561	3757814	Residence	5.98E-02	4.60E-06	3.52E-03	NA	0.00E+00	0.00E+00	1.11E-01	3.57E-05	2.57E-03	1.22E-07	7.39E-02	2.00E-06	3.11E-02	1.41E-06	1.58E-02	7.17E-07	3.86E-03	1.76E-07	5.07E-02	2.31E-06
78	367786	3757842	Residence	5.60E-02	4.31E-06	3.30E-03	NA	0.00E+00	0.00E+00	1.03E-01	3.34E-05	2.40E-03	1.14E-07	6.93E-02	1.87E-06	2.91E-02	1.32E-06	1.48E-02	6.71E-07	3.62E-03	1.64E-07	4.75E-02	2.16E-06
79	367782	3757935	Residence	4.74E-02	3.64E-06	2.79E-03	NA	0.00E+00	0.00E+00	8.75E-02	2.82E-05	2.03E-03	9.67E-08	5.86E-02	1.58E-06	2.46E-02	1.12E-06	1.25E-02	5.67E-07	3.06E-03	1.39E-07	4.01E-02	1.82E-06
80	367752	3757969	Residence	4.48E-02	3.44E-06	2.63E-03	NA	0.00E+00	0.00E+00	8.26E-02	2.67E-05	1.92E-03	9.14E-08	5.54E-02	1.50E-06	2.32E-02	1.06E-06	1.18E-02	5.36E-07	2.89E-03	1.31E-07	3.79E-02	1.72E-06
81	367775	3758021	Residence	3.97E-02	3.06E-06	2.34E-03	NA	0.00E+00	0.00E+00	7.34E-02	2.37E-05	1.70E-03	8.11E-08	4.92E-02	1.33E-06	2.06E-02	9.38E-07	1.05E-02	4.76E-07	2.56E-03	1.17E-07	3.37E-02	1.53E-06
82	367808	3758034	Residence	3.81E-02	2.93E-06	2.24E-03	NA	0.00E+00	0.00E+00	7.04E-02	2.27E-05	1.63E-03	7.78E-08	4.72E-02	1.28E-06	1.98E-02	9.00E-07	1.00E-02	4.56E-07	2.46E-03	1.12E-07	3.23E-02	1.47E-06
83	367866	3758009	Residence	3.90E-02	3.00E-06	2.29E-03	NA	0.00E+00	0.00E+00	7.20E-02	2.32E-05	1.67E-03	7.96E-08	4.83E-02	1.31E-06	2.03E-02	9.21E-07	1.03E-02	4.67E-07	2.52E-03	1.14E-07	3.30E-02	1.50E-06
84	367924	3757985	Residence	3.99E-02	3.07E-06	2.35E-03	NA	0.00E+00	0.00E+00	7.37E-02	2.38E-05	1.71E-03	8.15E-08	4.94E-02	1.34E-06	2.07E-02	9.42E-07	1.05E-02	4.78E-07	2.58E-03	1.17E-07	3.38E-02	1.54E-06
85	367938	3757954	Residence	4.24E-02	3.27E-06	2.50E-03	NA	0.00E+00	0.00E+00	7.84E-02	2.53E-05	1.82E-03	8.67E-08	5.26E-02	1.42E-06	2.21E-02	1.00E-06	1.12E-02	5.08E-07	2.74E-03	1.25E-07	3.60E-02	1.64E-06
86	367928	3757923	Residence	4.58E-02	3.52E-06	2.69E-03	NA	0.00E+00	0.00E+00	8.45E-02	2.73E-05	1.96E-03	9.34E-08	5.66E-02	1.53E-06	2.38E-02	1.08E-06	1.21E-02	5.48E-07	2.95E-03	1.34E-07	3.88E-02	1.76E-06
87	367915	3757953	Residence	4.30E-02	3.31E-06	2.53E-03	NA	0.00E+00	0.00E+00	7.94E-02	2.56E-05	1.84E-03	8.77E-08	5.32E-02	1.44E-06	2.23E-02	1.01E-06	1.13E-02	5.15E-07	2.77E-03	1.26E-07	3.64E-02	1.66E-06
88	368017	3757908	Residence	4.51E-02	3.47E-06	2.66E-03	NA	0.00E+00	0.00E+00	8.34E-02	2.69E-05	1.94E-03	9.22E-08	5.59E-02	1.51E-06	2.35E-02	1.07E-06	1.19E-02	5.41E-07	2.91E-03	1.32E-07	3.83E-02	1.74E-06
89	368119	3757863	Residence	4.75E-02	3.65E-06	2.80E-03	NA	0.00E+00	0.00E+00	8.77E-02	2.83E-05	2.04E-03	9.70E-08	5.88E-02	1.59E-06	2.47E-02	1.12E-06	1.25E-02	5.69E-07	3.07E-03	1.39E-07	4.03E-02	1.83E-06
90	368180	3757839	Residence	4.90E-02	3.77E-06	2.88E-03	NA	0.00E+00	0.00E+00	9.05E-02	2.92E-05	2.10E-03	1.00E-07	6.07E-02	1.64E-06	2.55E-02	1.16E-06	1.29E-02	5.87E-07	3.16E-03	1.44E-07	4.15E-02	1.89E-06
91	368242	3757814	Residence	5.26E-02	4.04E-06	3.09E-03	NA	0.00E+00	0.00E+00	9.71E-02	3.13E-05	2.25E-03	1.07E-07	6.50E-02	1.76E-06	2.73E-02	1.24E-06	1.39E-02	6.30E-07	3.39E-03	1.54E-07	4.46E-02	2.03E-06
92	368318	3757785	Residence	5.77E-02	4.44E-06	3.39E-03	NA	0.00E+00	0.00E+00	1.06E-01	3.44E-05	2.47E-03	1.18E-07	7.10E-02	1.92E-06	3.00E-02	1.36E-06	1.52E-02	6.91E-07	3.72E-03	1.69E-07	4.89E-02	2.22E-06
93	368407	3757788	Residence	6.70E-02	5.15E-06	3.94E-03	NA	0.00E+00	0.00E+00	1.24E-01	3.99E-05	2.87E-03	1.37E-07	8.19E-02	2.21E-06	3.48E-02	1.58E-06	1.77E-02	8.03E-07	4.32E-03	1.96E-07	5.68E-02	2.58E-06
94	368505	3757789	Residence	7.81E-02	6.01E-06	4.60E-03	NA	0.00E+00	0.00E+00	1.44E-01	4.66E-05	3.35E-03	1.60E-07	9.56E-02	2.58E-06	4.06E-02	1.85E-06	2.06E-02	9.36E-07	5.04E-03	2.29E-07	6.62E-02	3.01E-06
95	368603	3757790	Residence	9.03E-02	6.95E-06	5.32E-03	NA	0.00E+00	0.00E+00	1.67E-01	5.38E-05	3.87E-03	1.84E-07	1.11E-01	2.99E-06	4.69E-02	2.13E-06	2.38E-02	1.08E-06	5.82E-03	2.65E-07	7.65E-02	3.48E-06
96	368628	3757765	Residence	9.22E-02	7.09E-06	5.43E-03	NA	0.00E+00	0.00E+00	1.70E-01	5.49E-05	3.95E-03	1.88E-07	1.13E-01	3.05E-06	4.79E-02	2.18E-06	2.43E-02	1.10E-06	5.94E-03	2.70E-07	7.81E-02	3.55E-06
97	368676	3757781	Residence	9.93E-02	7.64E-06	5.85E-03	NA	0.00E+00	0.00E+00	1.83E-01	5.92E-05	4.26E-03	2.03E-07	1.22E-01	3.29E-06	5.16E-02	2.35E-06	2.62E-02	1.19E-06	6.41E-03	2.91E-07	8.42E-02	3.83E-06
98	368759	3757821	Residence	1.11E-01	8.57E-06	6.56E-03	NA	0.00E+00	0.00E+00	2.06E-01	6.64E-05	4.78E-03	2.27E-07	1.37E-01	3.69E-06	5.79E-02	2.63E-06	2.94E-02	1.33E-06	7.19E-03	3.27E-07	9.44E-02	4.29E-06
99	368839	3757872	Residence	1.20E-01	9.26E-06	7.09E-03	NA	0.00E+00	0.00E+00	2.22E-01	7.17E-05	5.16E-03	2.46E-07	1.48E-01	4.00E-06	6.25E-02	2.84E-06	3.17E-02	1.44E-06	7.77E-03	3.53E-07	1.02E-01	4.64E-06
100	368921	3757924	Residence	1.25E-01	9.63E-06	7.37E-03	NA	0.00E+00	0.00E+00	2.31E-01	7.46E-05	5.37E-03	2.56E-07	1.54E-01	4.16E-06	6.50E-02	2.95E-06	3.30E-02	1.50E-06	8.07E-03	3.67E-07	1.06E-01	4.82E-06
101	369004	3757976	Residence	1.25E-01	9.58E-06	7.33E-03	NA	0.00E+00	0.00E+00	2.30E-01	7.42E-05	5.34E-03	2.54E-07	1.53E-01	4.15E-06	6.47E-02	2.94E-06	3.28E-02	1.49E-06	8.03E-03	3.65E-07	1.06E-01	4.80E-06
102	369038	3757969	Residence	1.26E-01	9.68E-06	7.41E-03	NA	0.00E+00	0.00E+00	2.32E-01	7.50E-05	5.40E-03	2.57E-07	1.55E-01	4.20E-06	6.54E-02	2.97E-06	3.32E-02	1.51E-06	8.12E-03	3.69E-07	1.07E-01	4.85E-06
103	369101	3757878	Residence	1.38E-01	1.06E-05	8.13E-03	NA	0.00E+00	0.00E+00	2.55E-01	8.22E-05	5.92E-03	2.82E-07	1.70E-01	4.60E-06	7.17E-02	3.26E-06	3.64E-02	1.65E-06	8.91E-03	4.05E-07	1.17E-01	5.32E-06
104	369067	3757885	Residence	1.36E-01	1.05E-05	8.02E-03	NA	0.00E+00	0.00E+00	2.52E-01	8.12E-05	5.84E-03	2.78E-07	1.68E-01	4.54E-06	7.08E-02	3.22E-06	3.59E-02	1.63E-06	8.79E-03	4.00E-07	1.15E-01	5.25E-06
105	369139	3757930	Residence	1.31E-01	1.01E-05	7.73E-03	NA	0.00E+00	0.00E+00	2.42E-01	7.82E-05	5.63E-03	2.68E-07	1.62E-01	4.38E-06	6.82E-02	3.10E-06	3.46E-02	1.57E-06	8.47E-03	3.85E-07	1.11E-01	5.06E-06
106	369211	3757974	Residence	1.22E-01	9.37E-06	7.17E-03	NA	0.00E+00	0.00E+00	2.25E-01	7.25E-05	5.22E-03	2.49E-07	1.51E-01	4.07E-06	6.33E-02	2.88E-06	3.21E-02	1.46E-06	7.86E-03	3.57E-07	1.03E-01	4.69E-06
107	369243	3757968	Residence	1.21E-01	9.29E-06	7.11E-03	NA	0.00E+00	0.00E+00	2.23E-01	7.19E-05	5.17E-03	2.46E-07	1.49E-01	4.04E-06	6.27E-02	2.85E-06	3.18E-02	1.45E-06	7.79E-03	3.54E-07	1.02E-01	4.65E-06
108	369305	3757894	Residence	1.30E-01	1.00E-05	7.67E-03	NA	0.00E+00	0.00E+00	2.41E-01	7.76E-05	5.58E-03	2.66E-07	1.61E-01	4.36E-06	6.76E-02	3.07E-06	3.43E-02	1.56E-06	8.41E-03	3.82E-07	1.10E-01	5.02E-06
109	369366	3757820	Residence	1.41E-01	1.09E-05	8.31E-03	NA	0.00E+00	0.00E+00	2.61E-01	8.41E-05	6.05E-03	2.88E-07	1.75E-01	4.73E-06	7.33E-02	3.33E-06	3.72E-02	1.69E-06	9.11E-03	4.14E-07	1.20E-01	5.44E-06
110	369436	3757794	Residence	1.40E-01	1.08E-05	8.24E-03	NA	0.00E+00	0.00E+00	2.59E-01	8.34E-05	6.00E-03	2.86E-07	1.74E-01	4.70E-06	7.28E-02	3.31E-06	3.69E-02	1.68E-06	9.04E-03	4.11E-07	1.19E-01	5.40E-06
111	369435	3757760	Residence	1.49E-01	1.15E-05	8.78E-03	NA	0.00E+00	0.00E+00	2.75E-01	8.89E-05	6.40E-03	3.05E-07	1.85E-01	5.00E-06	7.75E-02	3.52E-06	3.93E-02	1.79E-06	9.63E-03	4.38E-07	1.26E-01	5.75E-06
112	369251	3758017	Residence	1.12E-01	8.59E-06	6.57E-03	NA	0.00E+00	0.00E+00	2.06E-01	6.65E-05	4.79E-03	2.28E-07	1.38E-01	3.74E-06	5.80E-02	2.64E-06	2.94E-02	1.34E-06	7.21E-03	3.28E-07	9.46E-02	4.30E-06
113	369344	3758083	Residence	9.09E-02	6.99E-06	5.35E-03	NA	0.00E+00	0.00E+00	1.68E-01	5.41E-05	3.90E-03	1.85E-07	1.13E-01	3.05E-06	4.72E-02	2.15E-06	2.39E-02	1.09E-06	5.87E-03	2.67E-07	7.70E-02	3.50E-06
114	369437	3758148	Residence	7.24E-02	5.57E-06	4.26E-03	NA	0.00E+00	0.00E+00	1.34E-01	4.31E-05	3.10E-03	1.48E-07	9.00E-02	2.43E-06	3.76E-02	1.71E-06	1.91E-02	8.68E-07	4.67E-03	2.12E-07	6.14E-02	2.79E-06
115	369429	3758218	Residence	7.17E-02	5.52E-06	4.22E-03	NA	0.00E+00	0.00E+00	1.32E-01	4.27E-05	3.08E-03	1.46E-07	8.86E-02	2.39E-06	3.73E-02	1.69E-06	1.89E-02	8.60E-07	4.63E-03	2.10E-07	6.08E-02	2.76E-06
116	369432	3758306	Residence	7.28E-02	5.60E-06	4.29E-03	NA	0.00E+00	0.00E+00	1.34E-01	4.34E-05	3.12E-03	1.49E-07	8.90E-02	2.41E-06	3.78E-02	1.72E-06	1.92E-02	8.72E-07	4.70E-03	2.13E-07	6.17E-02	2.81E-06
117	369435	3758395	Residence	7.33E-02	5.64E-06	4.32E-03	NA	0.00E+00	0.00E+00	1.35E-01	4.37E-05	3.14E-03	1.50E-07	8.95E-02	2.42E-06	3.81E-02	1.73E-06	1.93E-02	8.78E-07	4.73E-03	2.15E-07	6.21E-02	2.82E-06
118	369460	3758419	Residence	7.71E-02	5.93E-06	4.54E-03	NA	0.00E+00	0.00E+00	1.42E-01	4.59E-05	3.31E-03	1.57E-07	9.42E-02	2.55E-06	4.00E-02	1.82E-06	2.03E-02	9.23E-07	4.97E-03	2.26E-07	6.53E-02	2.97E-06
119	369558	3758419	Residence	9.16E-02	7.04E-06	5.39E-03	NA	0.00E+00	0.00E+00	1.69E-01	5.46E-05	3.93E-03	1.87E-07	1.12E-01	3.03E-06	4.76E-02	2.16E-06	2.41E-02	1.10E-06	5.91E-03	2.68E-07	7.76E-02	3.53E-06
120	369657	3758419	Residence	1.05E-01	8.04E-06	6.15E-03	NA	0.00E+00	0.00E+00	1.93E-01	6.23E-05	4.48E-03	2.13E-07	1.28E-01	3.47E-06	5.43E-02	2.47E-06	2.75E-02	1.25E-06	6.74E-03	3.06E-07	8.86E-02	4.03E-06
121	369755	3758419	Residence	1.15E-01	8.81E-06	6.74E-03	NA	0.00E+00	0.00E+00	2.12E-01	6.82E-05	4.91E-03	2.34E-07	1.41E-01	3.81E-06	5.95E-02	2.70E-06	3.02E-02	1.37E-06	7.39E-03	3.36E-07	9.71E-02	4.41E-06
122	369853	3758419	Residence	1.20E-01	9.25E-06	7.07E-03	NA	0.00E+00	0.00E+00	2.22E-01	7.16E-05	5.15E-03	2.45E-07	1.48E-01	4.01E-06	6.24E-02	2.84E-06	3.17E-02	1.44E-06	7.76E-03	3.53E-07	1.02E-01	4.63E-06
123	369878	3758394	Residence	1.23E-01	9.46E-06	7.24E-03	NA	0.00E+00	0.00E+00	2.27E-01	7.33E-05	5.27E-03	2.51E-07	1.52E-01	4.10E-06	6.39E-02	2.90E-06	3.24E-02	1.47E-06	7.94E-03	3.61E-07	1.04E-01	4.74E-06
124	369877	3758289	Residence	1.33E-01	1.02E-05	7.82E-03	NA	0.00E+00	0.00E+00	2.45E-01	7.91E-05	5.69E-03	2.71E-07	1.64E-01	4.43E-06	6.90E-02	3.14E-06	3.50E-02	1.59E-06	8.57E-03	3.90E-07	1.13E-01	5.12E-06
125	369876	3758183	Residence	1.44E-01	1.11E-05	8.47E-03	NA	0.00E+00	0.00E+00	2.66E-01	8.57E-05	6.17E-03	2.94E-07	1.77E-01	4.79E-06	7.47E-02	3.40E-06	3.79E-02	1.72E-06	9.28E-03	4.22E-07	1.22E-01	5.54E-06
126	369962	3758103	Residence	1.57E-01	1.20E-05	9.21E-03	NA	0.00E+00	0.00E+00	2.89E-01	9.32E-05	6.71E-03	3.20E-07	1.93E-01	5.22E-06	8.13E-02	3.70E-06	4.12E-02	1.87E-06	1.01E-02	4.59E-07	1.33E-01	6.03E-06
127	370075	3758103	Residence	1.51E-01	1.16E-05	8.86E-03	NA	0.00E+00	0.00E+00	2.78E-01	8.97E-05	6.45E-03	3.07E-07	1.87E-01	5.04E-06	7.82E-02	3.55E-06	3.97E-02	1.80E-06	9.72E-03	4.42E-07	1.28E-01	5.80E-06
128	370187	3758103	Residence	1.34E-01	1.03E-05	7.86E-03	NA	0.00E+00	0.00E+00	2.47E-01	7.96E-05	5.73E-03	2.73E-07	1.66E-01	4.49E-06	6.94E-02	3.15E-06	3.52E-02	1.60E-06	8.63E-03	3.92E-07	1.13E-01	5.15E-06
129	370299	3758103	Residence	1.09E-01	8.39E-06	6.42E-03	NA	0.00E+00	0.00E+00	2.01E-01	6.49E-05	4.67E-03	2.23E-07	1.36E-01	3.68E-06	5.66E-02	2.57E-06	2.87E-02	1.31E-06	7.04E-03	3.20E-07	9.24E-02	4.20E-06
136	370506	3758113	Residence	6.08E-02	4.68E-06	3.58E-03	NA	0.00E+00	0.00E+00	1.12E-01	3.62E-05	2.61E-03	1.24E-07	7.61E-02	2.06E-06	3.16E-02	1.44E-06	1.60E-02	7.28E-07	3.93E-03	1.79E-07	5.15E-02	2.34E-06
137	370601	3758113	Residence	6.40E-02	4.93E-06	3.77E-03	NA	0.00E+00	0.00E+00	1.18E-01	3.81E-05	2.75E-03	1.31E-07	7.90E-02	2.13E-06	3.33E-02	1.51E-06	1.69E-02	7.67E-07	4.13E-03	1.88E-07	5.43E-02	2.47E-06
138	370696	3758114	Residence	6.49E-02	4.99E-06	3.82E-03	NA	0.00E+00	0.00E+00	1.20E-01	3.86E-05	2.78E-03	1.32E-07	8.01E-02	2.17E-06	3.37E-02	1.53E-06	1.71E-02	7.77E-07	4.19E-03	1.90E-07	5.50E-02	2.50E-06
139	370791	3758114	Residence	6.34E-02	4.87E-06	3.73E-03	NA	0.00E+00	0.00E+00	1.17E-01	3.77E-05	2.72E-03	1.29E-07	7.84E-02	2.12E-06	3.29E-02	1.50E-06	1.67E-02	7.59E-07	4.09E-03	1.86E-07	5.37E-02	2.44E-06
140	370886	3758114	Residence	5.98E-02	4.60E-06	3.52E-03	NA	0.00E+00	0.00E+00	1.10E-01	3.56E-05	2.57E-03	1.22E-07	7.41E-02	2.00E-06	3.11E-02	1.41E-06	1.58E-02	7.17E-07	3.86E-03	1.76E-07	5.07E-02	2.31E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
			CalEPA Acute REL		13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
154	371170	3757732	Residence	1.48E-01	1.14E-05	8.69E-03	NA	0.00E+00	0.00E+00	2.73E-01	8.80E-05	6.33E-03	3.01E-07	1.82E-01	4.93E-06	7.67E-02	3.49E-06	3.89E-02	1.77E-06	9.53E-03	4.33E-07	1.25E-01	5.69E-06
155	371240	3757783	Residence	1.39E-01	1.07E-05	8.17E-03	NA	0.00E+00	0.00E+00	2.56E-01	8.27E-05	5.95E-03	2.84E-07	1.72E-01	4.64E-06	7.21E-02	3.28E-06	3.66E-02	1.66E-06	8.96E-03	4.07E-07	1.18E-01	5.35E-06
156	371264	3757808	Residence	1.35E-01	1.04E-05	7.94E-03	NA	0.00E+00	0.00E+00	2.49E-01	8.04E-05	5.78E-03	2.75E-07	1.67E-01	4.50E-06	7.01E-02	3.18E-06	3.55E-02	1.62E-06	8.71E-03	3.96E-07	1.14E-01	5.20E-06
157	371372	3757807	Residence	1.32E-01	1.01E-05	7.76E-03	NA	0.00E+00	0.00E+00	2.43E-01	7.85E-05	5.65E-03	2.69E-07	1.63E-01	4.41E-06	6.85E-02	3.11E-06	3.47E-02	1.58E-06	8.51E-03	3.87E-07	1.12E-01	5.08E-06
158	371385	3757827	Residence	1.29E-01	9.94E-06	7.61E-03	NA	0.00E+00	0.00E+00	2.39E-01	7.70E-05	5.54E-03	2.64E-07	1.60E-01	4.32E-06	6.71E-02	3.05E-06	3.41E-02	1.55E-06	8.34E-03	3.79E-07	1.10E-01	4.98E-06
159	371485	3757895	Residence	1.18E-01	9.11E-06	6.97E-03	NA	0.00E+00	0.00E+00	2.19E-01	7.05E-05	5.08E-03	2.42E-07	1.46E-01	3.96E-06	6.15E-02	2.80E-06	3.12E-02	1.42E-06	7.64E-03	3.47E-07	1.00E-01	4.56E-06
160	371585	3757964	Residence	1.09E-01	8.37E-06	6.41E-03	NA	0.00E+00	0.00E+00	2.01E-01	6.48E-05	4.67E-03	2.22E-07	1.35E-01	3.64E-06	5.65E-02	2.57E-06	2.87E-02	1.30E-06	7.02E-03	3.19E-07	9.22E-02	4.19E-06
161	371684	3758032	Residence	1.00E-01	7.72E-06	5.91E-03	NA	0.00E+00	0.00E+00	1.85E-01	5.98E-05	4.30E-03	2.05E-07	1.24E-01	3.35E-06	5.21E-02	2.37E-06	2.64E-02	1.20E-06	6.48E-03	2.94E-07	8.50E-02	3.86E-06
162	371784	3758101	Residence	9.28E-02	7.14E-06	5.46E-03	NA	0.00E+00	0.00E+00	1.71E-01	5.52E-05	3.98E-03	1.89E-07	1.15E-01	3.10E-06	4.82E-02	2.19E-06	2.44E-02	1.11E-06	5.99E-03	2.72E-07	7.86E-02	3.57E-06
163	371818	3758095	Residence	9.12E-02	7.02E-06	5.37E-03	NA	0.00E+00	0.00E+00	1.68E-01	5.43E-05	3.91E-03	1.86E-07	1.13E-01	3.05E-06	4.74E-02	2.15E-06	2.40E-02	1.09E-06	5.89E-03	2.68E-07	7.73E-02	3.51E-06
164	371873	3758022	Residence	9.30E-02	7.16E-06	5.48E-03	NA	0.00E+00	0.00E+00	1.72E-01	5.54E-05	3.99E-03	1.90E-07	1.15E-01	3.11E-06	4.83E-02	2.20E-06	2.45E-02	1.11E-06	6.00E-03	2.73E-07	7.88E-02	3.58E-06
165	371928	3757949	Residence	9.58E-02	7.37E-06	5.64E-03	NA	0.00E+00	0.00E+00	1.77E-01	5.71E-05	4.11E-03	1.96E-07	1.18E-01	3.20E-06	4.97E-02	2.26E-06	2.52E-02	1.15E-06	6.18E-03	2.81E-07	8.12E-02	3.69E-06
166	371969	3757946	Residence	9.41E-02	7.24E-06	5.54E-03	NA	0.00E+00	0.00E+00	1.74E-01	5.60E-05	4.03E-03	1.92E-07	1.16E-01	3.14E-06	4.89E-02	2.22E-06	2.48E-02	1.13E-06	6.07E-03	2.76E-07	7.97E-02	3.62E-06
167	371989	3757924	Residence	9.39E-02	7.22E-06	5.52E-03	NA	0.00E+00	0.00E+00	1.73E-01	5.59E-05	4.02E-03	1.92E-07	1.16E-01	3.14E-06	4.87E-02	2.22E-06	2.47E-02	1.12E-06	6.06E-03	2.75E-07	7.95E-02	3.62E-06
295	370737	3755244	Residence	6.57E-02	5.05E-06	3.87E-03	NA	0.00E+00	0.00E+00	1.21E-01	3.91E-05	2.82E-03	1.34E-07	8.07E-02	2.18E-06	3.41E-02	1.55E-06	1.73E-02	7.87E-07	4.24E-03	1.93E-07	5.57E-02	2.53E-06
296	370669	3755237	Residence	6.17E-02	4.75E-06	3.63E-03	NA	0.00E+00	0.00E+00	1.14E-01	3.68E-05	2.65E-03	1.26E-07	7.61E-02	2.06E-06	3.21E-02	1.46E-06	1.63E-02	7.39E-07	3.98E-03	1.81E-07	5.23E-02	2.38E-06
297	370571	3755237	Residence	6.32E-02	4.86E-06	3.72E-03	NA	0.00E+00	0.00E+00	1.17E-01	3.77E-05	2.71E-03	1.29E-07	7.87E-02	2.13E-06	3.28E-02	1.49E-06	1.67E-02	7.57E-07	4.08E-03	1.86E-07	5.36E-02	2.44E-06
298	370476	3755238	Residence	7.56E-02	5.81E-06	4.45E-03	NA	0.00E+00	0.00E+00	1.39E-01	4.50E-05	3.24E-03	1.54E-07	9.38E-02	2.54E-06	3.92E-02	1.78E-06	1.99E-02	9.05E-07	4.88E-03	2.22E-07	6.40E-02	2.91E-06
299	370380	3755238	Residence	8.55E-02	6.58E-06	5.03E-03	NA	0.00E+00	0.00E+00	1.58E-01	5.09E-05	3.66E-03	1.74E-07	1.06E-01	2.86E-06	4.44E-02	2.02E-06	2.25E-02	1.02E-06	5.52E-03	2.51E-07	7.24E-02	3.29E-06
300	370279	3755239	Residence	9.22E-02	7.09E-06	5.43E-03	NA	0.00E+00	0.00E+00	1.70E-01	5.49E-05	3.95E-03	1.88E-07	1.14E-01	3.08E-06	4.79E-02	2.18E-06	2.43E-02	1.10E-06	5.95E-03	2.70E-07	7.81E-02	3.55E-06
301	370177	3755240	Residence	9.87E-02	7.59E-06	5.81E-03	NA	0.00E+00	0.00E+00	1.82E-01	5.88E-05	4.23E-03	2.01E-07	1.23E-01	3.32E-06	5.13E-02	2.33E-06	2.60E-02	1.18E-06	6.37E-03	2.90E-07	8.36E-02	3.80E-06
302	370076	3755240	Residence	1.19E-01	9.14E-06	6.99E-03	NA	0.00E+00	0.00E+00	2.19E-01	7.07E-05	5.09E-03	2.42E-07	1.47E-01	3.98E-06	6.17E-02	2.80E-06	3.13E-02	1.42E-06	7.67E-03	3.48E-07	1.01E-01	4.57E-06
303	369979	3755241	Residence	1.33E-01	1.02E-05	7.82E-03	NA	0.00E+00	0.00E+00	2.45E-01	7.91E-05	5.69E-03	2.71E-07	1.64E-01	4.44E-06	6.90E-02	3.14E-06	3.50E-02	1.59E-06	8.57E-03	3.90E-07	1.13E-01	5.12E-06
304	369883	3755241	Residence	1.40E-01	1.07E-05	8.22E-03	NA	0.00E+00	0.00E+00	2.58E-01	8.32E-05	5.99E-03	2.85E-07	1.72E-01	4.66E-06	7.26E-02	3.30E-06	3.68E-02	1.67E-06	9.02E-03	4.10E-07	1.18E-01	5.38E-06
306	369690	3755242	Residence	1.62E-01	1.25E-05	9.56E-03	NA	0.00E+00	0.00E+00	3.00E-01	9.68E-05	6.96E-03	3.32E-07	2.02E-01	5.46E-06	8.44E-02	3.84E-06	4.28E-02	1.95E-06	1.05E-02	4.77E-07	1.38E-01	6.26E-06
307	369594	3755243	Residence	1.90E-01	1.46E-05	1.12E-02	NA	0.00E+00	0.00E+00	3.51E-01	1.13E-04	8.16E-03	3.88E-07	2.36E-01	6.38E-06	9.88E-02	4.49E-06	5.01E-02	2.28E-06	1.23E-02	5.58E-07	1.61E-01	7.33E-06
308	369498	3755243	Residence	2.09E-01	1.61E-05	1.23E-02	NA	0.00E+00	0.00E+00	3.85E-01	1.24E-04	8.95E-03	4.26E-07	2.58E-01	6.98E-06	1.08E-01	4.93E-06	5.50E-02	2.50E-06	1.35E-02	6.12E-07	1.77E-01	8.04E-06
309	369396	3755244	Residence	2.16E-01	1.66E-05	1.27E-02	NA	0.00E+00	0.00E+00	4.00E-01	1.29E-04	9.28E-03	4.42E-07	2.67E-01	7.21E-06	1.12E-01	5.11E-06	5.70E-02	2.59E-06	1.40E-02	6.35E-07	1.83E-01	8.33E-06
310	369295	3755244	Residence	2.12E-01	1.63E-05	1.25E-02	NA	0.00E+00	0.00E+00	3.92E-01	1.26E-04	9.09E-03	4.33E-07	2.61E-01	7.05E-06	1.10E-01	5.01E-06	5.59E-02	2.54E-06	1.37E-02	6.22E-07	1.80E-01	8.17E-06
311	369193	3755245	Residence	1.98E-01	1.52E-05	1.16E-02	NA	0.00E+00	0.00E+00	3.65E-01	1.18E-04	8.48E-03	4.04E-07	2.44E-01	6.58E-06	1.03E-01	4.67E-06	5.21E-02	2.37E-06	1.28E-02	5.80E-07	1.68E-01	7.62E-06
312	369092	3755245	Residence	1.92E-01	1.47E-05	1.13E-02	NA	0.00E+00	0.00E+00	3.54E-01	1.14E-04	8.21E-03	3.91E-07	2.36E-01	6.38E-06	9.95E-02	4.52E-06	5.05E-02	2.29E-06	1.24E-02	5.62E-07	1.62E-01	7.38E-06
313	368991	3755246	Residence	1.88E-01	1.45E-05	1.11E-02	NA	0.00E+00	0.00E+00	3.48E-01	1.12E-04	8.07E-03	3.84E-07	2.32E-01	6.27E-06	9.78E-02	4.45E-06	4.96E-02	2.26E-06	1.22E-02	5.52E-07	1.60E-01	7.25E-06
314	368889	3755247	Residence	1.78E-01	1.37E-05	1.05E-02	NA	0.00E+00	0.00E+00	3.30E-01	1.06E-04	7.65E-03	3.64E-07	2.19E-01	5.93E-06	9.27E-02	4.21E-06	4.70E-02	2.14E-06	1.15E-02	5.23E-07	1.51E-01	6.87E-06
315	368782	3755247	Residence	1.63E-01	1.25E-05	9.60E-03	NA	0.00E+00	0.00E+00	3.01E-01	9.72E-05	6.99E-03	3.33E-07	2.00E-01	5.41E-06	8.47E-02	3.85E-06	4.30E-02	1.95E-06	1.05E-02	4.78E-07	1.38E-01	6.28E-06
316	368676	3755248	Residence	1.45E-01	1.11E-05	8.52E-03	NA	0.00E+00	0.00E+00	2.67E-01	8.62E-05	6.20E-03	2.95E-07	1.77E-01	4.80E-06	7.52E-02	3.42E-06	3.81E-02	1.73E-06	9.33E-03	4.24E-07	1.23E-01	5.57E-06
317	368569	3755248	Residence	1.25E-01	9.63E-06	7.37E-03	NA	0.00E+00	0.00E+00	2.31E-01	7.46E-05	5.37E-03	2.56E-07	1.53E-01	4.15E-06	6.50E-02	2.96E-06	3.30E-02	1.50E-06	8.07E-03	3.67E-07	1.06E-01	4.82E-06
318	368471	3755249	Residence	1.07E-01	8.26E-06	6.32E-03	NA	0.00E+00	0.00E+00	1.98E-01	6.40E-05	4.61E-03	2.19E-07	1.32E-01	3.56E-06	5.58E-02	2.54E-06	2.83E-02	1.29E-06	6.93E-03	3.15E-07	9.11E-02	4.14E-06
319	368373	3755249	Residence	9.18E-02	7.06E-06	5.40E-03	NA	0.00E+00	0.00E+00	1.70E-01	5.47E-05	3.94E-03	1.87E-07	1.13E-01	3.06E-06	4.77E-02	2.17E-06	2.42E-02	1.10E-06	5.92E-03	2.69E-07	7.78E-02	3.54E-06
320	368275	3755250	Residence	9.43E-02	7.26E-06	5.55E-03	NA	0.00E+00	0.00E+00	1.74E-01	5.62E-05	4.04E-03	1.93E-07	1.16E-01	3.14E-06	4.90E-02	2.23E-06	2.49E-02	1.13E-06	6.09E-03	2.77E-07	7.99E-02	3.63E-06
321	368167	3755230	Residence	9.34E-02	7.19E-06	5.50E-03	NA	0.00E+00	0.00E+00	1.73E-01	5.57E-05	4.01E-03	1.91E-07	1.15E-01	3.11E-06	4.85E-02	2.21E-06	2.46E-02	1.12E-06	6.03E-03	2.74E-07	7.92E-02	3.60E-06
322	368054	3755209	Residence	9.19E-02	7.07E-06	5.41E-03	NA	0.00E+00	0.00E+00	1.70E-01	5.47E-05	3.94E-03	1.88E-07	1.13E-01	3.06E-06	4.77E-02	2.17E-06	2.42E-02	1.10E-06	5.93E-03	2.70E-07	7.79E-02	3.54E-06
323	367941	3755189	Residence	8.98E-02	6.91E-06	5.28E-03	NA	0.00E+00	0.00E+00	1.66E-01	5.35E-05	3.85E-03	1.83E-07	1.11E-01	2.99E-06	4.66E-02	2.12E-06	2.37E-02	1.08E-06	5.79E-03	2.63E-07	7.61E-02	3.46E-06
324	367824	3755185	Residence	8.81E-02	6.78E-06	5.18E-03	NA	0.00E+00	0.00E+00	1.63E-01	5.25E-05	3.78E-03	1.80E-07	1.08E-01	2.93E-06	4.57E-02	2.08E-06	2.32E-02	1.05E-06	5.68E-03	2.58E-07	7.46E-02	3.39E-06
325	367711	3755181	Residence	8.57E-02	6.60E-06	5.05E-03	NA	0.00E+00	0.00E+00	1.58E-01	5.11E-05	3.68E-03	1.75E-07	1.06E-01	2.85E-06	4.45E-02	2.02E-06	2.26E-02	1.03E-06	5.53E-03	2.51E-07	7.26E-02	3.30E-06
326	367598	3755178	Residence	8.27E-02	6.36E-06	4.87E-03	NA	0.00E+00	0.00E+00	1.53E-01	4.93E-05	3.55E-03	1.69E-07	1.02E-01	2.75E-06	4.30E-02	1.95E-06	2.18E-02	9.90E-07	5.34E-03	2.43E-07	7.01E-02	3.19E-06
327	367484	3755174	Residence	7.94E-02	6.10E-06	4.67E-03	NA	0.00E+00	0.00E+00	1.47E-01	4.73E-05	3.40E-03	1.62E-07	9.76E-02	2.64E-06	4.12E-02	1.87E-06	2.09E-02	9.50E-07	5.12E-03	2.33E-07	6.72E-02	3.06E-06
328	367461	3755189	Residence	7.88E-02	6.06E-06	4.64E-03	NA	0.00E+00	0.00E+00	1.45E-01	4.69E-05	3.38E-03	1.61E-07	9.69E-02	2.62E-06	4.09E-02	1.86E-06	2.08E-02	9.43E-07	5.08E-03	2.31E-07	6.67E-02	3.03E-06
329	367415	3755295	Residence	7.71E-02	5.93E-06	4.54E-03	NA	0.00E+00	0.00E+00	1.42E-01	4.59E-05	3.30E-03	1.57E-07	9.48E-02	2.56E-06	4.00E-02	1.82E-06	2.03E-02	9.23E-07	4.97E-03	2.26E-07	6.53E-02	2.97E-06
330	367369	3755401	Residence	7.26E-02	5.58E-06	4.27E-03	NA	0.00E+00	0.00E+00	1.34E-01	4.32E-05	3.11E-03	1.48E-07	8.92E-02	2.41E-06	3.77E-02	1.71E-06	1.91E-02	8.69E-07	4.68E-03	2.13E-07	6.15E-02	2.79E-06
331	367324	3755507	Residence	7.34E-02	5.65E-06	4.32E-03	NA	0.00E+00	0.00E+00	1.36E-01	4.37E-05	3.15E-03	1.50E-07	9.04E-02	2.44E-06	3.81E-02	1.73E-06	1.94E-02	8.80E-07	4.74E-03	2.15E-07	6.22E-02	2.83E-06
332	367484	3755199	Residence	7.97E-02	6.13E-06	4.69E-03	NA	0.00E+00	0.00E+00	1.47E-01	4.75E-05	3.42E-03	1.63E-07	9.80E-02	2.65E-06	4.14E-02	1.88E-06	2.10E-02	9.54E-07	5.14E-03	2.34E-07	6.75E-02	3.07E-06
333	367301	3755623	Residence	8.10E-02	6.23E-06	4.77E-03	NA	0.00E+00	0.00E+00	1.50E-01	4.83E-05	3.47E-03	1.65E-07	9.97E-02	2.70E-06	4.21E-02	1.91E-06	2.13E-02	9.70E-07	5.23E-03	2.38E-07	6.87E-02	3.12E-06
334	367114	3756056	Residence	9.24E-02	7.11E-06	5.44E-03	NA	0.00E+00	0.00E+00	1.71E-01	5.50E-05	3.96E-03	1.89E-07	1.14E-01	3.07E-06	4.80E-02	2.18E-06	2.43E-02	1.11E-06	5.96E-03	2.71E-07	7.83E-02	3.56E-06
335	366985	3756358	Residence	8.80E-02	6.77E-06	5.18E-03	NA	0.00E+00	0.00E+00	1.63E-01	5.24E-05	3.77E-03	1.80E-07	1.08E-01	2.93E-06	4.57E-02	2.08E-06	2.32E-02	1.05E-06	5.68E-03	2.58E-07	7.46E-02	3.39E-06
336	366853	3756663	Residence	8.04E-02	6.19E-06	4.73E-03	NA	0.00E+00	0.00E+00	1.49E-01	4.79E-05	3.45E-03	1.64E-07	9.89E-02	2.67E-06	4.18E-02	1.90E-06	2.12E-02	9.63E-07	5.19E-03	2.36E-07	6.81E-02	3.10E-06
337	366902	3756692	Residence	8.30E-02	6.38E-06	4.88E-03	NA	0.00E+00	0.00E+00	1.53E-01	4.94E-05	3.56E-03	1.69E-07	1.02E-01	2.76E-06	4.31E-02	1.96E-06	2.19E-02	9.93E-07	5.35E-03	2.43E-07	7.03E-02	3.19E-06
338	366876	3756760	Residence	8.28E-02	6.37E-06	4.87E-03	NA	0.00E+00	0.00E+00	1.53E-01	4.93E-05	3.55E-03	1.69E-07	1.02E-01	2.75E-06	4.30E-02	1.95E-06	2.18E-02	9.92E-07	5.34E-03	2.43E-07	7.02E-02	3.19E-06
339	366813	3756739	Residence	8.06E-02	6.20E-06	4.74E-03	NA	0.00E+00	0.00E+00	1.49E-01	4.80E-05	3.45E-03	1.64E-07	9.91E-02	2.68E-06	4.18E-02	1.90E-06	2.12E-02	9.65E-07	5.20E-03	2.36E-07	6.83E-02	3.10E-06
340	366677	3757025	Residence	7.17E-02	5.51E-06	4.22E-03	NA	0.00E+00	0.00E+00	1.32E-01	4.27E-05	3.07E-03	1.46E-07	8.82E-02	2.38E-06	3.72E-02	1.69E-06	1.89E-02	8.58E-07	4.62E-03	2.10E-07	6.07E-02	2.76E-06
341	366536	3757322	Residence	5.23E-02	4.03E-06	3.08E-03	NA	0.00E+00	0.00E+00	9.66E-02	3.12E-05	2.24E-03	1.07E-07	6.45E-02	1.74E-06	2.72E-02	1.24E-06	1.38E-02	6.27E-07	3.38E-03	1.53E-07	4.44E-02	2.02E-06
342	366437	3757531	Residence	5.08E-02	3.91E-06	2.99E-03	NA	0.00E+00	0.00E+00	9.39E-02	3.03E-05	2.18E-03	1.04E-07	6.25E-02	1.69E-06	2.64E-02	1.20E-06	1.34E-02	6.09E-07	3.28E-03	1.49E-07	4.31E-02	1.96E-06
343	366487	3757537	Residence	5.20E-02	4.00E-06	3.06E-03	NA	0.00E+00	0.00E+00	9.59E-02	3.09E-05	2.23E-03	1.06E-07	6.39E-02	1.73E-06	2.70E-02	1.23E-06	1.37E-02	6.22E-07	3.35E-03	1.52E-07	4.40E-02	2.00E-06
344	366624	3757468	Residence	5.43E-02	4.18E-06	3.20E-03	NA	0.00E+00	0.00E+00	1.00E-01	3.24E-05	2.33E-03	1.11E-07	6.68E-02	1.81E-06	2.82E-02	1.28E-06	1.43E-02	6.51E-07	3.50E-03	1.59E-07	4.60E-02	2.09E-06
345	366644	3757531	Residence	5.54E-02	4.26E-06	3.26E-03	NA	0.00E+00	0.00E+00	1.02E-01	3.30E-05	2.37E-03	1.13E-07	6.81E-02	1.84E-06	2.88E-02	1.31E-06	1.46E-02	6.63E-07	3.57E-03	1.62E-07	4.69E-02	2.13E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m³)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m³)	naphthalene Acute Hazard	phenol (µg/m³)	phenol Acute Hazard	propylene oxide (µg/m³)	propylene oxide Acute Hazard	styrene (µg/m³)	styrene Acute Hazard	toluene (µg/m³)	toluene Acute Hazard	xylene, m- (µg/m³)	xylene, m- Acute Hazard	xylene, o- (µg/m³)	xylene, o- Acute Hazard	xylene, p- (µg/m³)	xylene, p- Acute Hazard	Total Xylenes (µg/m³)	Total Xylenes Acute Hazard
		CalEPA Acute REL			13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
346	366777	3757520	Residence	5.85E-02	4.50E-06	3.44E-03	NA	0.00E+00	0.00E+00	1.08E-01	3.49E-05	2.51E-03	1.19E-07	7.20E-02	1.95E-06	3.04E-02	1.38E-06	1.54E-02	7.01E-07	3.77E-03	1.72E-07	4.96E-02	2.25E-06
347	366999	3757642	Residence	6.24E-02	4.80E-06	3.67E-03	NA	0.00E+00	0.00E+00	1.15E-01	3.72E-05	2.67E-03	1.27E-07	7.68E-02	2.08E-06	3.24E-02	1.47E-06	1.64E-02	7.47E-07	4.02E-03	1.83E-07	5.29E-02	2.40E-06
348	367174	3757740	Residence	6.20E-02	4.77E-06	3.65E-03	NA	0.00E+00	0.00E+00	1.15E-01	3.69E-05	2.66E-03	1.27E-07	7.64E-02	2.07E-06	3.22E-02	1.46E-06	1.63E-02	7.43E-07	4.00E-03	1.82E-07	5.25E-02	2.39E-06
349	367291	3757694	Residence	6.57E-02	5.05E-06	3.87E-03	NA	0.00E+00	0.00E+00	1.21E-01	3.91E-05	2.82E-03	1.34E-07	8.09E-02	2.19E-06	3.41E-02	1.55E-06	1.73E-02	7.87E-07	4.24E-03	1.93E-07	5.56E-02	2.53E-06
350	367413	3757695	Residence	6.74E-02	5.18E-06	3.96E-03	NA	0.00E+00	0.00E+00	1.24E-01	4.01E-05	2.89E-03	1.38E-07	8.30E-02	2.24E-06	3.50E-02	1.59E-06	1.77E-02	8.07E-07	4.35E-03	1.98E-07	5.71E-02	2.59E-06
351	367410	3757736	Residence	6.48E-02	4.98E-06	3.81E-03	NA	0.00E+00	0.00E+00	1.20E-01	3.86E-05	2.78E-03	1.32E-07	7.98E-02	2.16E-06	3.36E-02	1.53E-06	1.71E-02	7.76E-07	4.18E-03	1.90E-07	5.49E-02	2.49E-06
352	367518	3757796	Residence	6.12E-02	4.71E-06	3.60E-03	NA	0.00E+00	0.00E+00	1.13E-01	3.64E-05	2.62E-03	1.25E-07	7.55E-02	2.04E-06	3.18E-02	1.44E-06	1.61E-02	7.33E-07	3.95E-03	1.79E-07	5.19E-02	2.36E-06
353	367539	3757802	Residence	6.07E-02	4.67E-06	3.57E-03	NA	0.00E+00	0.00E+00	1.12E-01	3.62E-05	2.60E-03	1.24E-07	7.50E-02	2.03E-06	3.15E-02	1.43E-06	1.60E-02	7.27E-07	3.92E-03	1.78E-07	5.15E-02	2.34E-06
354	367609	3757677	Residence	7.06E-02	5.43E-06	4.16E-03	NA	0.00E+00	0.00E+00	1.30E-01	4.21E-05	3.03E-03	1.44E-07	8.71E-02	2.35E-06	3.67E-02	1.67E-06	1.86E-02	8.46E-07	4.56E-03	2.07E-07	5.98E-02	2.72E-06
355	367769	3757644	Residence	7.46E-02	5.74E-06	4.39E-03	NA	0.00E+00	0.00E+00	1.38E-01	4.45E-05	3.20E-03	1.52E-07	9.20E-02	2.49E-06	3.88E-02	1.76E-06	1.97E-02	8.94E-07	4.82E-03	2.19E-07	6.32E-02	2.87E-06
356	367775	3757719	Residence	6.79E-02	5.22E-06	4.00E-03	NA	0.00E+00	0.00E+00	1.25E-01	4.04E-05	2.91E-03	1.39E-07	8.38E-02	2.26E-06	3.53E-02	1.60E-06	1.79E-02	8.13E-07	4.38E-03	1.99E-07	5.75E-02	2.62E-06
357	367809	3757835	Residence	5.65E-02	4.35E-06	3.33E-03	NA	0.00E+00	0.00E+00	1.04E-01	3.37E-05	2.42E-03	1.15E-07	6.98E-02	1.89E-06	2.93E-02	1.33E-06	1.49E-02	6.77E-07	3.65E-03	1.66E-07	4.79E-02	2.18E-06
358	367807	3757936	Residence	4.68E-02	3.60E-06	2.76E-03	NA	0.00E+00	0.00E+00	8.65E-02	2.79E-05	2.01E-03	9.56E-08	5.79E-02	1.57E-06	2.43E-02	1.11E-06	1.23E-02	5.61E-07	3.02E-03	1.37E-07	3.97E-02	1.80E-06
359	367775	3757959	Residence	4.53E-02	3.48E-06	2.66E-03	NA	0.00E+00	0.00E+00	8.36E-02	2.70E-05	1.94E-03	9.24E-08	5.60E-02	1.51E-06	2.35E-02	1.07E-06	1.19E-02	5.42E-07	2.92E-03	1.33E-07	3.84E-02	1.74E-06
360	367798	3758011	Residence	4.02E-02	3.09E-06	2.36E-03	NA	0.00E+00	0.00E+00	7.42E-02	2.39E-05	1.72E-03	8.20E-08	4.97E-02	1.34E-06	2.09E-02	9.48E-07	1.06E-02	4.81E-07	2.59E-03	1.18E-07	3.40E-02	1.55E-06
361	367914	3757962	Residence	4.22E-02	3.25E-06	2.49E-03	NA	0.00E+00	0.00E+00	7.80E-02	2.52E-05	1.81E-03	8.62E-08	5.23E-02	1.41E-06	2.19E-02	9.97E-07	1.11E-02	5.06E-07	2.73E-03	1.24E-07	3.58E-02	1.63E-06
362	367905	3757930	Residence	4.55E-02	3.50E-06	2.68E-03	NA	0.00E+00	0.00E+00	8.41E-02	2.71E-05	1.95E-03	9.29E-08	5.64E-02	1.52E-06	2.37E-02	1.08E-06	1.20E-02	5.45E-07	2.94E-03	1.34E-07	3.86E-02	1.75E-06
363	368109	3757840	Residence	5.04E-02	3.87E-06	2.96E-03	NA	0.00E+00	0.00E+00	9.30E-02	3.00E-05	2.16E-03	1.03E-07	6.24E-02	1.69E-06	2.62E-02	1.19E-06	1.33E-02	6.03E-07	3.25E-03	1.48E-07	4.27E-02	1.94E-06
364	368233	3757790	Residence	5.31E-02	4.09E-06	3.13E-03	NA	0.00E+00	0.00E+00	9.81E-02	3.16E-05	2.28E-03	1.08E-07	6.58E-02	1.78E-06	2.76E-02	1.25E-06	1.40E-02	6.36E-07	3.43E-03	1.56E-07	4.50E-02	2.05E-06
365	368309	3757762	Residence	5.50E-02	4.23E-06	3.24E-03	NA	0.00E+00	0.00E+00	1.02E-01	3.28E-05	2.36E-03	1.12E-07	6.82E-02	1.84E-06	2.86E-02	1.30E-06	1.45E-02	6.59E-07	3.55E-03	1.61E-07	4.67E-02	2.12E-06
366	368603	3757765	Residence	8.89E-02	6.84E-06	5.23E-03	NA	0.00E+00	0.00E+00	1.64E-01	5.30E-05	3.81E-03	1.82E-07	1.09E-01	2.94E-06	4.62E-02	2.10E-06	2.34E-02	1.06E-06	5.73E-03	2.61E-07	7.53E-02	3.42E-06
367	368604	3757719	Residence	8.58E-02	6.60E-06	5.05E-03	NA	0.00E+00	0.00E+00	1.58E-01	5.11E-05	3.68E-03	1.75E-07	1.05E-01	2.84E-06	4.46E-02	2.03E-06	2.26E-02	1.03E-06	5.53E-03	2.52E-07	7.27E-02	3.31E-06
368	368770	3757799	Residence	1.12E-01	8.64E-06	6.62E-03	NA	0.00E+00	0.00E+00	2.08E-01	6.69E-05	4.82E-03	2.29E-07	1.38E-01	3.72E-06	5.84E-02	2.65E-06	2.96E-02	1.35E-06	7.25E-03	3.29E-07	9.52E-02	4.33E-06
369	369017	3757954	Residence	1.27E-01	9.78E-06	7.48E-03	NA	0.00E+00	0.00E+00	2.35E-01	7.57E-05	5.45E-03	2.59E-07	1.57E-01	4.23E-06	6.60E-02	3.00E-06	3.35E-02	1.52E-06	8.20E-03	3.73E-07	1.08E-01	4.90E-06
370	369080	3757864	Residence	1.39E-01	1.07E-05	8.19E-03	NA	0.00E+00	0.00E+00	2.57E-01	8.29E-05	5.97E-03	2.84E-07	1.72E-01	4.64E-06	7.23E-02	3.29E-06	3.67E-02	1.67E-06	8.98E-03	4.08E-07	1.18E-01	5.36E-06
371	369224	3757952	Residence	1.25E-01	9.59E-06	7.34E-03	NA	0.00E+00	0.00E+00	2.30E-01	7.43E-05	5.35E-03	2.55E-07	1.54E-01	4.17E-06	6.48E-02	2.94E-06	3.29E-02	1.49E-06	8.05E-03	3.66E-07	1.06E-01	4.80E-06
372	369409	3757730	Residence	1.60E-01	1.23E-05	9.41E-03	NA	0.00E+00	0.00E+00	2.95E-01	9.52E-05	6.85E-03	3.26E-07	1.98E-01	5.35E-06	8.30E-02	3.77E-06	4.21E-02	1.91E-06	1.03E-02	4.69E-07	1.35E-01	6.16E-06
373	369454	3757776	Residence	1.42E-01	1.10E-05	8.38E-03	NA	0.00E+00	0.00E+00	2.63E-01	8.48E-05	6.10E-03	2.91E-07	1.77E-01	4.77E-06	7.39E-02	3.36E-06	3.75E-02	1.70E-06	9.19E-03	4.18E-07	1.21E-01	5.48E-06
374	369265	3757997	Residence	1.14E-01	8.77E-06	6.71E-03	NA	0.00E+00	0.00E+00	2.11E-01	6.79E-05	4.89E-03	2.33E-07	1.41E-01	3.82E-06	5.92E-02	2.69E-06	3.01E-02	1.37E-06	7.36E-03	3.35E-07	9.67E-02	4.39E-06
375	369452	3758128	Residence	7.50E-02	5.77E-06	4.41E-03	NA	0.00E+00	0.00E+00	1.38E-01	4.47E-05	3.21E-03	1.53E-07	9.31E-02	2.52E-06	3.90E-02	1.77E-06	1.98E-02	8.98E-07	4.84E-03	2.20E-07	6.35E-02	2.89E-06
376	369460	3758394	Residence	7.72E-02	5.94E-06	4.55E-03	NA	0.00E+00	0.00E+00	1.43E-01	4.60E-05	3.31E-03	1.58E-07	9.44E-02	2.55E-06	4.01E-02	1.82E-06	2.04E-02	9.25E-07	4.98E-03	2.26E-07	6.55E-02	2.98E-06
377	369853	3758394	Residence	1.22E-01	9.41E-06	7.20E-03	NA	0.00E+00	0.00E+00	2.26E-01	7.28E-05	5.24E-03	2.50E-07	1.51E-01	4.07E-06	6.35E-02	2.89E-06	3.22E-02	1.46E-06	7.89E-03	3.59E-07	1.04E-01	4.71E-06
378	369850	3758078	Residence	1.53E-01	1.18E-05	9.03E-03	NA	0.00E+00	0.00E+00	2.83E-01	9.14E-05	6.58E-03	3.13E-07	1.89E-01	5.10E-06	7.97E-02	3.62E-06	4.04E-02	1.84E-06	9.90E-03	4.50E-07	1.30E-01	5.91E-06
384	370886	3758089	Residence	6.07E-02	4.67E-06	3.57E-03	NA	0.00E+00	0.00E+00	1.12E-01	3.62E-05	2.60E-03	1.24E-07	7.52E-02	2.03E-06	3.15E-02	1.43E-06	1.60E-02	7.27E-07	3.92E-03	1.78E-07	5.15E-02	2.34E-06
391	371193	3757720	Residence	1.50E-01	1.15E-05	8.81E-03	NA	0.00E+00	0.00E+00	2.77E-01	8.92E-05	6.42E-03	3.06E-07	1.85E-01	5.00E-06	7.78E-02	3.54E-06	3.95E-02	1.79E-06	9.66E-03	4.39E-07	1.27E-01	5.77E-06
392	371254	3757762	Residence	1.42E-01	1.09E-05	8.34E-03	NA	0.00E+00	0.00E+00	2.62E-01	8.44E-05	6.08E-03	2.89E-07	1.75E-01	4.74E-06	7.36E-02	3.35E-06	3.74E-02	1.70E-06	9.15E-03	4.16E-07	1.20E-01	5.46E-06
393	371264	3757783	Residence	1.39E-01	1.07E-05	8.16E-03	NA	0.00E+00	0.00E+00	2.56E-01	8.25E-05	5.94E-03	2.83E-07	1.71E-01	4.63E-06	7.20E-02	3.27E-06	3.65E-02	1.66E-06	8.94E-03	4.07E-07	1.17E-01	5.34E-06
394	371372	3757782	Residence	1.34E-01	1.03E-05	7.90E-03	NA	0.00E+00	0.00E+00	2.48E-01	8.00E-05	5.76E-03	2.74E-07	1.66E-01	4.49E-06	6.98E-02	3.17E-06	3.54E-02	1.61E-06	8.67E-03	3.94E-07	1.14E-01	5.17E-06
395	371399	3757806	Residence	1.30E-01	1.00E-05	7.68E-03	NA	0.00E+00	0.00E+00	2.41E-01	7.77E-05	5.59E-03	2.66E-07	1.61E-01	4.36E-06	6.77E-02	3.08E-06	3.44E-02	1.56E-06	8.42E-03	3.83E-07	1.11E-01	5.02E-06
396	371798	3758080	Residence	9.27E-02	7.13E-06	5.46E-03	NA	0.00E+00	0.00E+00	1.71E-01	5.52E-05	3.97E-03	1.89E-07	1.15E-01	3.10E-06	4.81E-02	2.19E-06	2.44E-02	1.11E-06	5.98E-03	2.72E-07	7.86E-02	3.57E-06
397	371908	3757934	Residence	9.73E-02	7.49E-06	5.73E-03	NA	0.00E+00	0.00E+00	1.80E-01	5.80E-05	4.17E-03	1.99E-07	1.20E-01	3.25E-06	5.05E-02	2.30E-06	2.56E-02	1.17E-06	6.28E-03	2.85E-07	8.25E-02	3.75E-06
398	371964	3757922	Residence	9.52E-02	7.32E-06	5.60E-03	NA	0.00E+00	0.00E+00	1.76E-01	5.67E-05	4.08E-03	1.94E-07	1.18E-01	3.18E-06	4.94E-02	2.25E-06	2.51E-02	1.14E-06	6.14E-03	2.79E-07	8.07E-02	3.67E-06
442	370667	3755262	Residence	6.38E-02	4.91E-06	3.76E-03	NA	0.00E+00	0.00E+00	1.18E-01	3.80E-05	2.74E-03	1.30E-07	7.86E-02	2.12E-06	3.31E-02	1.51E-06	1.68E-02	7.64E-07	4.12E-03	1.87E-07	5.41E-02	2.46E-06
443	370380	3755263	Residence	8.74E-02	6.73E-06	5.15E-03	NA	0.00E+00	0.00E+00	1.61E-01	5.21E-05	3.75E-03	1.78E-07	1.08E-01	2.93E-06	4.54E-02	2.06E-06	2.30E-02	1.05E-06	5.64E-03	2.57E-07	7.41E-02	3.37E-06
444	370076	3755265	Residence	1.22E-01	9.41E-06	7.20E-03	NA	0.00E+00	0.00E+00	2.26E-01	7.29E-05	5.25E-03	2.50E-07	1.52E-01	4.11E-06	6.36E-02	2.89E-06	3.22E-02	1.47E-06	7.90E-03	3.59E-07	1.04E-01	4.71E-06
446	369498	3755268	Residence	2.16E-01	1.66E-05	1.27E-02	NA	0.00E+00	0.00E+00	3.99E-01	1.29E-04	9.25E-03	4.41E-07	2.67E-01	7.21E-06	1.12E-01	5.10E-06	5.69E-02	2.58E-06	1.39E-02	6.33E-07	1.83E-01	8.31E-06
447	369194	3755270	Residence	1.99E-01	1.53E-05	1.17E-02	NA	0.00E+00	0.00E+00	3.68E-01	1.19E-04	8.55E-03	4.07E-07	2.46E-01	6.64E-06	1.04E-01	4.71E-06	5.25E-02	2.39E-06	1.29E-02	5.85E-07	1.69E-01	7.68E-06
448	368889	3755272	Residence	1.80E-01	1.38E-05	1.06E-02	NA	0.00E+00	0.00E+00	3.32E-01	1.07E-04	7.71E-03	3.67E-07	2.21E-01	5.97E-06	9.34E-02	4.25E-06	4.74E-02	2.15E-06	1.16E-02	5.27E-07	1.52E-01	6.93E-06
449	368569	3755273	Residence	1.23E-01	9.46E-06	7.24E-03	NA	0.00E+00	0.00E+00	2.27E-01	7.33E-05	5.28E-03	2.51E-07	1.51E-01	4.07E-06	6.39E-02	2.91E-06	3.24E-02	1.47E-06	7.94E-03	3.61E-07	1.04E-01	4.74E-06
450	368275	3755275	Residence	9.76E-02	7.50E-06	5.74E-03	NA	0.00E+00	0.00E+00	1.80E-01	5.81E-05	4.18E-03	1.99E-07	1.20E-01	3.25E-06	5.07E-02	2.30E-06	2.57E-02	1.17E-06	6.30E-03	2.86E-07	8.27E-02	3.76E-06
451	367936	3755213	Residence	9.15E-02	7.04E-06	5.38E-03	NA	0.00E+00	0.00E+00	1.69E-01	5.45E-05	3.92E-03	1.87E-07	1.13E-01	3.04E-06	4.75E-02	2.16E-06	2.41E-02	1.10E-06	5.90E-03	2.68E-07	7.75E-02	3.52E-06
74	370324	3758078	School	6.48E-02	4.99E-06	3.82E-03	NA	0.00E+00	0.00E+00	1.20E-01	3.86E-05	2.78E-03	1.32E-07	8.00E-02	2.16E-06	3.37E-02	1.53E-06	1.71E-02	7.76E-07	4.18E-03	1.90E-07	5.49E-02	2.50E-06
75	370324	3758078	School	6.98E-02	5.37E-06	4.11E-03	NA	0.00E+00	0.00E+00	1.29E-01	4.16E-05	2.99E-03	1.43E-07	8.61E-02	2.33E-06	3.63E-02	1.65E-06	1.84E-02	8.37E-07	4.51E-03	2.05E-07	5.92E-02	2.69E-06
76	370324	3758078	School	7.06E-02	5.43E-06	4.16E-03	NA	0.00E+00	0.00E+00	1.30E-01	4.21E-05	3.03E-03	1.44E-07	8.71E-02	2.35E-06	3.67E-02	1.67E-06	1.86E-02	8.46E-07	4.56E-03	2.07E-07	5.98E-02	2.72E-06
77	370324	3758078	School	6.77E-02	5.21E-06	3.98E-03	NA	0.00E+00	0.00E+00	1.25E-01	4.03E-05	2.90E-03	1.38E-07	8.36E-02	2.26E-06	3.52E-02	1.60E-06	1.78E-02	8.11E-07	4.37E-03	1.99E-07	5.74E-02	2.61E-06
130	370324	3758078	School	1.05E-01	8.10E-06	6.20E-03	NA	0.00E+00	0.00E+00	1.95E-01	6.27E-05	4.52E-03	2.15E-07	1.32E-01	3.55E-06	5.47E-02	2.49E-06	2.78E-02	1.26E-06	6.80E-03	3.09E-07	8.93E-02	4.06E-06
131	370381	3757991	School	9.77E-02	7.52E-06	5.75E-03	NA	0.00E+00	0.00E+00	1.80E-01	5.82E-05	4.19E-03	1.99E-07	1.22E-01	3.31E-06	5.08E-02	2.31E-06	2.57E-02	1.17E-06	6.31E-03	2.87E-07	8.28E-02	3.76E-06
132	370435	3758019	School	8.06E-02	6.20E-06	4.74E-03	NA	0.00E+00	0.00E+00	1.49E-01	4.80E-05	3.45E-03	1.64E-07	1.01E-01	2.73E-06	4.18E-02	1.90E-06	2.12E-02	9.65E-07	5.21E-03	2.37E-07	6.83E-02	3.10E-06
133	370499	3758050	School	6.50E-02	5.00E-06	3.83E-03	NA	0.00E+00	0.00E+00	1.20E-01	3.87E-05	2.79E-03	1.33E-07	8.14E-02	2.20E-06	3.38E-02	1.54E-06	1.71E-02	7.79E-07	4.20E-03	1.91E-07	5.51E-02	2.51E-06
134	370485	3758025	School	6.72E-02	5.17E-06	3.95E-03	NA	0.00E+00	0.00E+00	1.24E-01	4.00E-05	2.88E-03	1.37E-07	8.42E-02	2.28E-06	3.49E-02	1.58E-06	1.77E-02	8.04E-07	4.34E-03	1.97E-07	5.69E-02	2.59E-06
135	370481	3758086	School	6.56E-02	5.05E-06	3.86E-03	NA	0.00E+00	0.00E+00	1.21E-01	3.91E-05	2.81E-03	1.34E-07	8.23E-02	2.22E-06	3.41E-02	1.55E-06	1.73E-02	7.86E-07	4.24E-03	1.93E-07	5.56E-02	2.53E-06
305	369787	3755242	School	1.39E-01	1.07E-05	8.19E-03	NA	0.00E+00	0.00E+00	2.57E-01	8.28E-05	5.96E-03	2.84E-07	1.73E-01	4.67E-06	7.23E-02	3.28E-06	3.67E-02	1.67E-06	8.98E-03	4.08E-07	1.18E-01	5.36E-06
379	370299	3758078	School	1.12E-01	8.59E-06	6.57E-03	NA	0.00E+00	0.00E+00	2.06E-01	6.65E-05	4.79E-03	2.28E-07	1.39E-01	3.77E-06	5.80E-02	2.64E-06	2.94E-02	1.34E-06	7.21E-03	3.28E-07	9.46E-02	4.30E-06

Table 4-4B
Summary of Unmitigated Incremental Acute Hazard Indices for VOC for the LAX Central Utility Plant Construction for Offsite Receptors
LAX Central Utility Plant
Construction TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene oxide (µg/m^3)	propylene oxide Acute Hazard	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
		CalEPA Acute REL			13000		NA		5800		3100		21000		37000		22000		22000		22000		22000
380	370298	3757963	School	1.25E-01	9.64E-06	7.37E-03	NA	0.00E+00	0.00E+00	2.31E-01	7.46E-05	5.37E-03	2.56E-07	1.56E-01	4.23E-06	6.51E-02	2.96E-06	3.30E-02	1.50E-06	8.09E-03	3.68E-07	1.06E-01	4.83E-06
381	370382	3757966	School	9.97E-02	7.67E-06	5.87E-03	NA	0.00E+00	0.00E+00	1.84E-01	5.94E-05	4.27E-03	2.03E-07	1.25E-01	3.37E-06	5.18E-02	2.35E-06	2.63E-02	1.19E-06	6.44E-03	2.93E-07	8.45E-02	3.84E-06
382	370510	3758027	School	6.73E-02	5.18E-06	3.96E-03	NA	0.00E+00	0.00E+00	1.24E-01	4.01E-05	2.89E-03	1.37E-07	8.40E-02	2.27E-06	3.50E-02	1.59E-06	1.77E-02	8.06E-07	4.35E-03	1.98E-07	5.71E-02	2.59E-06
383	370506	3758088	School	6.26E-02	4.81E-06	3.68E-03	NA	0.00E+00	0.00E+00	1.16E-01	3.73E-05	2.68E-03	1.28E-07	7.82E-02	2.11E-06	3.25E-02	1.48E-06	1.65E-02	7.49E-07	4.04E-03	1.84E-07	5.30E-02	2.41E-06
445	369787	3755267	School	1.42E-01	1.09E-05	8.37E-03	NA	0.00E+00	0.00E+00	2.63E-01	8.47E-05	6.10E-03	2.90E-07	1.77E-01	4.78E-06	7.39E-02	3.36E-06	3.75E-02	1.70E-06	9.18E-03	4.17E-07	1.21E-01	5.48E-06

·e highest within each land use category.

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 4-5
Calculation of Mitigated Incremental Acute Hazard Indices for 8-Hour Peak PM10 for the LAX Central Utility Plant for Onsite Construction Workers
LAX Central Utility Plant
Construction TAC Concentrations

Rec No.	X - UTM East (m)	Y- UTM North (m)	Annual PM10 Conc.	AMMONIUM ION	ANTIMONY	ARSENIC	BROMINE	CADMIUM	CHLORINE	CHROMIUM VI	COPPER	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	SILICON	SULFATES	VANADIUM	ZINC	DIESEL PM
W1	370287	3756630	230.2710	1.79E-01	5.02E-03	4.53E-03	1.01E-02	8.79E-03	1.20E+00	7.22E-03	2.89E-02	1.28E-01	2.11E-01	4.93E-03	1.75E-02	9.87E-04	4.39E+01	2.72E+00	6.07E-02	1.42E-01	4.49E+01
W2	370523	3756583	16.2183	2.29E-02	4.00E-04	2.48E-04	8.57E-04	6.06E-04	1.00E-01	4.09E-04	1.83E-03	6.58E-03	1.10E-02	3.71E-04	1.23E-03	9.06E-05	2.21E+00	3.85E-01	3.16E-03	9.19E-03	6.36E+00
W3	370139	3756667	85.7850	8.76E-02	1.97E-03	1.54E-03	4.06E-03	3.25E-03	4.80E-01	2.49E-03	1.03E-02	4.26E-02	7.08E-02	1.89E-03	6.52E-03	4.11E-04	1.46E+01	1.41E+00	2.03E-02	5.12E-02	2.32E+01
W4	370153	3756557	72.5603	8.05E-02	1.69E-03	1.26E-03	3.53E-03	2.74E-03	4.16E-01	2.04E-03	8.62E-03	3.46E-02	5.75E-02	1.61E-03	5.52E-03	3.61E-04	1.18E+01	1.31E+00	1.65E-02	4.28E-02	2.17E+01
W5	370291	3756560	156.8509	1.15E-01	3.39E-03	3.13E-03	6.78E-03	6.00E-03	8.07E-01	4.99E-03	1.98E-02	8.86E-02	1.46E-01	3.34E-03	1.19E-02	6.57E-04	3.05E+01	1.72E+00	4.21E-02	9.71E-02	2.83E+01
W6	370016	3756608	188.6549	1.39E-01	4.08E-03	3.76E-03	8.17E-03	7.21E-03	9.72E-01	5.99E-03	2.38E-02	1.06E-01	1.76E-01	4.02E-03	1.43E-02	7.92E-04	3.66E+01	2.08E+00	5.05E-02	1.17E-01	3.43E+01
W7	370089	3756613	207.6839	1.61E-01	4.53E-03	4.09E-03	9.11E-03	7.93E-03	1.08E+00	6.52E-03	2.61E-02	1.15E-01	1.91E-01	4.45E-03	1.58E-02	8.89E-04	3.96E+01	2.44E+00	5.48E-02	1.28E-01	4.03E+01
W8	370206	3756620	209.7635	1.70E-01	4.60E-03	4.08E-03	9.30E-03	8.00E-03	1.10E+00	6.52E-03	2.62E-02	1.15E-01	1.90E-01	4.51E-03	1.59E-02	9.12E-04	3.94E+01	2.60E+00	5.46E-02	1.29E-01	4.29E+01
		Onsite Project Worker																			
		Maximum Onsite Concentration-->		1.79E-01	5.02E-03	4.53E-03	1.01E-02	8.79E-03	1.20E+00	7.22E-03	2.89E-02	1.28E-01	2.11E-01	4.93E-03	1.75E-02	9.87E-04	4.39E+01	2.72E+00	6.07E-02	1.42E-01	4.49E+01
		Average Onsite Concentration-->		1.20E-01	3.21E-03	2.83E-03	6.49E-03	5.56E-03	7.70E-01	4.52E-03	1.82E-02	7.95E-02	1.32E-01	3.14E-03	1.11E-02	6.37E-04	2.73E+01	1.83E+00	3.78E-02	8.94E-02	3.02E+01
		Minimum Onsite Concentration-->		2.29E-02	4.00E-04	2.48E-04	8.57E-04	6.06E-04	1.00E-01	4.09E-04	1.83E-03	6.58E-03	1.10E-02	3.71E-04	1.23E-03	9.06E-05	2.21E+00	3.85E-01	3.16E-03	9.19E-03	6.36E+00
		CalEPA REL		3200	NA	0.2	NA	NA	210	NA	100	NA	NA	0.6	6	NA	NA	120	30	NA	NA
		Onsite Maximum Acute Hazard-->		5.61E-05	NA	2.26E-02	NA	NA	5.72E-03	NA	2.89E-04	NA	NA	8.22E-03	2.92E-03	NA	NA	2.27E-02	2.02E-03	NA	NA
		Average Onsite Concentration-->		3.73E-05	NA	1.42E-02	NA	NA	3.67E-03	NA	1.82E-04	NA	NA	5.23E-03	1.85E-03	NA	NA	1.53E-02	1.26E-03	NA	NA
		Onsite Minmum Acute Hazard-->		7.14E-06	NA	1.24E-03	NA	NA	4.78E-04	NA	1.83E-05	NA	NA	6.18E-04	2.05E-04	NA	NA	3.21E-03	1.05E-04	NA	NA

TAC Concentration Units = micrograms/cubic meter, ($\mu g/m^3$)
m = meter
Note: Shaded cells indicate locations where concentrations were highest

Table 4-6
Calculation of Mitigated Acute Hazard Indices for 8-Hour Peak VOC for the LAX Central Utility Plant for Onsite Construction Workers
LAX Central Utility Plant
Construction TAC Concentrations

Rec No.	X - UTM East (m)	Y- UTM North (m)	ROG Conc.	TOG Conc.	acetaldehyde	acrolein	benzene	butadiene, 1,3-	ethylbenzene	ethylene glycol	formaldehyde	hexane, n-	isopropyl alcohol	methyl alcohol	methyl ethyl ketone	methyl t-butyl ether	naphthalene	phenol	propylene oxide	styrene	toluene	xylene, m-	xylene, o-	xylene, p-	Total Xylenes
W1	370287	3756630	1.35E+02	1.38E+02	9.54E+00	7.53E-03	2.74E+00	2.77E-01	4.83E-01	3.62E-03	1.92E+01	3.76E-01	8.77E-03	6.64E-02	1.92E+00	1.08E-01	1.13E-01	0.00E+00	3.54E+00	8.22E-02	2.50E+00	9.97E-01	5.06E-01	1.24E-01	1.63E+00
W2	370523	3756583	1.90E+01	1.94E+01	1.35E+00	1.06E-03	3.88E-01	3.92E-02	6.64E-02	2.44E-04	2.72E+00	4.70E-02	5.91E-04	9.04E-03	2.72E-01	1.53E-02	1.60E-02	0.00E+00	5.02E-01	1.17E-02	3.35E-01	1.41E-01	7.16E-02	1.75E-02	2.30E-01
W3	370139	3756667	6.95E+01	7.09E+01	4.94E+00	3.89E-03	1.42E+00	1.43E-01	2.45E-01	1.17E-03	9.92E+00	1.78E-01	2.84E-03	3.34E-02	9.92E-01	5.60E-02	5.84E-02	0.00E+00	1.83E+00	4.25E-02	1.24E+00	5.16E-01	2.62E-01	6.41E-02	8.41E-01
W4	370153	3756557	6.47E+01	6.60E+01	4.60E+00	3.63E-03	1.32E+00	1.34E-01	2.27E-01	9.44E-04	9.25E+00	1.63E-01	2.29E-03	3.09E-02	9.25E-01	5.21E-02	5.44E-02	0.00E+00	1.71E+00	3.97E-02	1.15E+00	4.81E-01	2.44E-01	5.97E-02	7.84E-01
W5	370291	3756560	8.49E+01	8.65E+01	6.02E+00	4.75E-03	1.73E+00	1.75E-01	2.99E-01	1.53E-03	1.21E+01	2.20E-01	3.72E-03	4.09E-02	1.21E+00	6.83E-02	7.12E-02	0.00E+00	2.23E+00	5.19E-02	1.52E+00	6.29E-01	3.19E-01	7.82E-02	1.03E+00
W6	370016	3756608	1.02E+02	1.04E+02	7.30E+00	5.76E-03	2.10E+00	2.12E-01	3.51E-01	4.17E-04	1.47E+01	2.33E-01	1.01E-03	4.76E-02	1.47E+00	8.28E-02	8.63E-02	0.00E+00	2.71E+00	6.29E-02	1.74E+00	7.61E-01	3.86E-01	9.43E-02	1.24E+00
W7	370089	3756613	1.19E+02	1.22E+02	8.56E+00	6.76E-03	2.46E+00	2.48E-01	4.13E-01	6.61E-04	1.72E+01	2.77E-01	1.60E-03	5.61E-02	1.72E+00	9.71E-02	1.01E-01	0.00E+00	3.18E+00	7.38E-02	2.06E+00	8.93E-01	4.53E-01	1.11E-01	1.46E+00
W8	370206	3756620	1.29E+02	1.31E+02	9.13E+00	7.20E-03	2.62E+00	2.65E-01	4.55E-01	2.62E-03	1.83E+01	3.40E-01	6.35E-03	6.24E-02	1.83E+00	1.03E-01	1.08E-01	0.00E+00	3.39E+00	7.86E-02	2.33E+00	9.53E-01	4.83E-01	1.19E-01	1.56E+00
				Receptor Type	**Onsite Project Worker**																				
				Maximum Onsite Concentration-->	9.54E+00	7.53E-03	2.74E+00	2.77E-01	4.83E-01	3.62E-03	1.92E+01	3.76E-01	8.77E-03	6.64E-02	1.92E+00	1.08E-01	1.13E-01	0.00E+00	3.54E+00	8.22E-02	2.50E+00	9.97E-01	5.06E-01	1.24E-01	1.63E+00
				Average Onsite Concentration-->	6.43E+00	5.07E-03	1.85E+00	1.87E-01	3.18E-01	1.40E-03	1.29E+01	2.29E-01	3.40E-03	4.34E-02	1.29E+00	7.29E-02	7.60E-02	0.00E+00	2.39E+00	5.54E-02	1.61E+00	6.71E-01	3.41E-01	8.34E-02	1.10E+00
				Minimum Onsite Concentration-->	1.35E+00	1.06E-03	3.88E-01	3.92E-02	6.64E-02	2.44E-04	2.72E+00	4.70E-02	5.91E-04	9.04E-03	2.72E-01	1.53E-02	1.60E-02	0.00E+00	5.02E-01	1.17E-02	3.35E-01	1.41E-01	7.16E-02	1.75E-02	2.30E-01
				CalEPA REL	470	2.5	1,300	NA	NA	NA	55	NA	3,200	28,000	13,000	NA	NA	5,800	3,100	21,000	37,000	22,000	22,000	22,000	22,000
				Onsite Maximum Acute Hazard-->	2.03E-02	3.01E-03	2.11E-03	NA	NA	NA	3.48E-01	NA	2.74E-06	2.37E-06	1.48E-04	NA	NA	0.00E+00	1.14E-03	3.91E-06	6.75E-05	4.53E-05	2.30E-05	5.65E-06	7.40E-05
				Average Onsite Concentration-->	1.37E-02	2.03E-03	1.42E-03	NA	NA	NA	2.35E-01	NA	1.06E-06	1.55E-06	9.94E-05	NA	NA	0.00E+00	7.70E-04	2.64E-06	4.35E-05	3.05E-05	1.55E-05	3.79E-06	4.98E-05
				Onsite Minmum Acute Hazard-->	2.88E-03	4.25E-04	2.99E-04	NA	NA	NA	4.94E-02	NA	1.85E-07	3.23E-07	2.09E-05	NA	NA	0.00E+00	1.62E-04	5.55E-07	9.04E-06	6.41E-06	3.25E-06	7.97E-07	1.05E-05

TAC Concentration Units = micrograms/cubic meter, ($\mu g/m^3$)
m = meter
Note: Shaded cells with bolded values indicate locations where concentrations were highest.

Attachment 5

Cumulative Incremental Cancer Risk and Chronic and Acute Non-Cancer Hazard Calculations for Other Concurrent Projects at LAX

Table		Title
Table 5-1A		Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 5-1B		Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Hazards)
Table 5-2		Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Commercial Cancer Risks)
Table 5-3		Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
Table 5-4		Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
Table 5-5		Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
Table 5-6		Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors

Table 5-1A
Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	1.57E-02	7.70E-03	1.00E-02	2.57E-03	4.00E-02	1.29E-08	1.11E-09	5.23E-08	4.31E-08	3.77E-04	3.23E-05	1.08E-04
Acrolein	5.68E-03	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.45E-02	4.67E-03	1.56E-02
Benzene	5.57E-03	7.70E-03	1.00E-01	8.57E-03	1.71E-02	4.58E-08	3.92E-09	1.85E-07	1.53E-07	3.11E-04	2.67E-05	8.90E-05
1,3-Butadiene	4.08E-03	1.05E-01	6.00E-01	5.71E-04	5.71E-03	2.01E-07	1.72E-08	8.13E-07	6.70E-07	6.84E-04	5.86E-05	1.95E-04
Ethylbenzene	6.88E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	4.92E-10	4.22E-11	1.99E-09	1.64E-09	1.16E-06	9.90E-08	3.30E-07
Ethylene glycol	2.46E-06	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	2.07E-08	1.77E-09	5.90E-09
Formaldehyde	4.03E-02	4.55E-02	2.10E-02	2.80E-03	2.57E-03	6.95E-08	5.96E-09	2.81E-07	2.32E-07	1.50E-02	1.29E-03	4.29E-03
Hexane, n-	2.18E-04	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	1.05E-07	8.96E-09	2.99E-08
Isopropyl alcohol	5.97E-06	NA	NA	NA	2.00E+00	NC	NC	NC	NC	2.86E-09	2.45E-10	8.17E-10
Methyl alcohol	3.64E-05	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	3.05E-08	2.62E-09	8.72E-09
Methyl ethyl ketone	1.17E-03	NA	NA	1.43E+00	NA	NC	NC	NC	NC	7.86E-07	6.74E-08	2.25E-07
Methyl t-butyl ether	4.45E-05	9.10E-04	9.10E-04	8.57E-01	2.29E+00	3.33E-12	2.85E-13	1.35E-11	1.11E-11	1.87E-08	1.60E-09	5.33E-09
Phenol	1.68E-03	NA	NA	5.71E-02	5.71E-02	NC	NC	NC	NC	2.83E-05	2.42E-06	8.07E-06
Propylene	1.26E-02	NA	NA	NA	8.57E-01	NC	NC	NC	NC	1.41E-05	1.21E-06	4.04E-06
Styrene	7.65E-04	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	2.85E-06	2.45E-07	8.15E-07
Toluene	2.98E-03	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.33E-05	2.86E-06	9.52E-06
Xylene (total)	1.98E-03	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	9.48E-06	8.13E-07	2.71E-06
Naphthalene	1.33E-03	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.31E-08	1.12E-09	5.30E-08	4.36E-08	4.95E-04	4.24E-05	1.41E-04
Ammonium Ion	3.39E-04	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	5.68E-06	4.87E-07	1.62E-06
Bromine	9.76E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	1.09E-03	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.82E-02	1.56E-03	5.21E-03
Silicon	2.84E-02	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	6.24E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	5.55E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	3.15E-06	1.51E+01	1.20E+01	8.57E-06	4.29E-06	3.10E-09	2.66E-10	1.26E-08	1.03E-08	7.04E-04	6.03E-05	2.01E-04
Cadmium	1.12E-05	6.30E+00	1.50E+01	NA	5.71E-06	1.38E-08	1.18E-09	5.59E-08	4.60E-08	1.88E-03	1.61E-04	5.37E-04
Copper	2.49E-05	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	5.36E-06	4.20E+01	5.10E+02	2.86E-05	5.71E-05	2.25E-07	1.92E-08	9.09E-07	7.48E-07	8.99E-05	7.70E-06	2.57E-05
Lead	8.50E-05	NA	4.20E-02	NA	NA	2.94E-10	2.52E-11	1.19E-09	9.78E-10	NC	NC	NC
Manganese	1.39E-04	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	5.18E-03	4.44E-04	1.48E-03
Mercury	5.08E-06	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	5.69E-04	4.88E-05	1.63E-04
Nickel	1.75E-05	8.40E-01	9.10E-01	NA	1.43E-05	1.31E-09	1.12E-10	5.29E-09	4.36E-09	1.17E-03	1.01E-04	3.35E-04
Selenium	4.34E-06	NA	NA	NA	5.71E-03	NC	NC	NC	NC	7.28E-07	6.24E-08	2.08E-07
Vanadium	3.96E-05	2.91E+01	NA	2.00E-06	NA	9.45E-08	8.10E-09	3.83E-07	3.15E-07	1.90E-02	1.63E-03	5.42E-03
Zinc	1.23E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	9.53E-02	NA	1.10E+00	1.43E-03	1.43E-03	8.62E-06	7.39E-07	3.49E-05	2.87E-05	6.40E-02	5.48E-03	1.83E-02
					TOTAL	**9.3E-06**	**8.0E-07**	**3.8E-05**	**3.1E-05**	**0.18**	**0.016**	**0.052**

[1] Residential Maximum Grid No. 380
NA = Not Available — **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated — **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 5-1B
Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child		School Child		Residential Adult	
Inhalation rate	15	(m^3/day)	6	(m^3/day)	20	(m^3/day)
Exposure Duration	6	(years)	6	(years)	70	(years)
Exposure Frequency	350	(days/year)	200	(days/year)	350	(days/year)
Body Weight	15	(kg)	40	(kg)	70	(kg)
Averaging Time (non-carcinogenic)	2190	(d)	2190	(d)	25550	(d)
Averaging Time (carcinogenic)	25550	(d)	25550	(d)	25550	(d)
Conversion Factor	1.00E-03	(mg/ug)	1.00E-03	(mg/ug)	1.00E-03	(mg/ug)

	Toxicity Criteria							Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Hazard (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	Max Slope factor	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Min REL	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	1.27E-02	7.70E-03	1.00E-02	1.00E-02	2.57E-03	4.00E-02	4.00E-02	1.05E-08	8.97E-10	4.23E-08	3.49E-08	3.05E-04	2.62E-05	8.72E-05
Acrolein	3.07E-03	NA	NA	NA	5.71E-06	1.00E-04	1.00E-04	NC	NC	NC	NC	2.94E-02	2.52E-03	8.40E-03
Benzene	4.21E-03	7.70E-03	1.00E-01	1.00E-01	8.57E-03	1.71E-02	1.71E-02	3.46E-08	2.97E-09	1.40E-07	1.15E-07	2.36E-04	2.02E-05	6.73E-05
1,3-Butadiene	2.32E-03	1.05E-01	6.00E-01	6.00E-01	5.71E-04	5.71E-03	5.71E-03	1.14E-07	9.80E-09	4.63E-07	3.81E-07	3.89E-04	3.33E-05	1.11E-04
Ethylbenzene	5.70E-04	8.75E-03	8.70E-03	8.70E-03	2.86E-01	5.71E-01	5.71E-01	4.08E-10	3.49E-11	1.65E-09	1.36E-09	9.57E-07	8.20E-08	2.73E-07
Ethylene glycol	1.33E-06	NA	NA	NA	1.14E-01	1.14E-01	1.14E-01	NC	NC	NC	NC	1.12E-08	9.59E-10	3.20E-09
Formaldehyde	3.02E-02	4.55E-02	2.10E-02	2.10E-02	2.80E-03	2.57E-03	2.57E-03	5.22E-08	4.47E-09	2.11E-07	1.74E-07	1.13E-02	9.67E-04	3.22E-03
Hexane, n-	2.42E-04	NA	NA	NA	2.00E-01	2.00E+00	2.00E+00	NC	NC	NC	NC	1.16E-07	9.96E-09	3.32E-08
Isopropyl alcohol	3.23E-06	NA	NA	NA	NA	2.00E+00	2.00E+00	NC	NC	NC	NC	1.55E-09	1.33E-10	4.43E-10
Methyl alcohol	4.56E-05	NA	NA	NA	1.14E+00	1.14E+00	1.14E+00	NC	NC	NC	NC	3.83E-08	3.28E-09	1.09E-08
Methyl ethyl ketone	1.48E-03	NA	NA	NA	1.43E+00	NA	1.43E+00	NC	NC	NC	NC	9.96E-07	8.54E-08	2.85E-07
Methyl t-butyl ether	6.55E-05	9.10E-04	9.10E-04	9.10E-04	8.57E-01	2.29E+00	2.29E+00	4.90E-12	4.20E-13	1.98E-11	1.63E-11	2.75E-08	2.36E-09	7.85E-09
Phenol	9.07E-04	NA	NA	NA	5.71E-02	5.71E-02	5.71E-02	NC	NC	NC	NC	1.52E-05	1.31E-06	4.35E-06
Propylene	8.38E-03	NA	NA	NA	NA	8.57E-01	8.57E-01	NC	NC	NC	NC	9.37E-06	8.03E-07	2.68E-06
Styrene	4.49E-04	NA	NA	NA	2.86E-01	2.57E-01	2.57E-01	NC	NC	NC	NC	1.67E-06	1.43E-07	4.78E-07
Toluene	2.58E-03	NA	NA	NA	1.43E+00	8.57E-02	8.57E-02	NC	NC	NC	NC	2.89E-05	2.48E-06	8.26E-06
Xylene (total)	1.77E-03	NA	NA	NA	2.86E-02	2.00E-01	2.00E-01	NC	NC	NC	NC	8.50E-06	7.28E-07	2.43E-06
Naphthalene	7.65E-04	1.19E-01	1.20E-01	1.20E-01	8.57E-04	2.57E-03	2.57E-03	7.55E-09	6.47E-10	3.05E-08	2.52E-08	2.85E-04	2.45E-05	8.15E-05
Ammonium Ion	2.55E-04	NA	NA	NA	2.86E-02	5.71E-02	5.71E-02	NC	NC	NC	NC	4.27E-06	3.66E-07	1.22E-06
Bromine	2.81E-05	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	3.34E-03	NA	NA	NA	4.29E-05	5.71E-05	5.71E-05	NC	NC	NC	NC	5.60E-02	4.80E-03	1.60E-02
Silicon	1.92E-01	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.57E-03	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	1.63E-05	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	1.90E-05	1.51E+01	1.20E+01	1.20E+01	8.57E-06	4.29E-06	4.29E-06	1.87E-08	1.61E-09	7.58E-08	6.24E-08	4.25E-03	3.64E-04	1.21E-03
Cadmium	3.41E-05	6.30E+00	1.50E+01	1.50E+01	NA	5.71E-06	5.71E-06	4.20E-08	3.60E-09	1.70E-07	1.40E-07	5.72E-03	4.90E-04	1.63E-03
Copper	1.11E-04	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	2.97E-05	4.20E+01	5.10E+02	5.10E+02	2.86E-05	5.71E-05	5.71E-05	1.24E-06	1.07E-07	5.03E-06	4.14E-06	4.98E-04	4.27E-05	1.42E-04
Lead	5.53E-04	NA	4.20E-02	4.20E-02	NA	NA	NA	1.91E-09	1.64E-10	7.72E-09	6.36E-09	NC	NC	NC
Manganese	9.04E-04	NA	NA	NA	1.43E-05	2.57E-05	2.57E-05	NC	NC	NC	NC	3.37E-02	2.89E-03	9.63E-03
Mercury	1.68E-05	NA	NA	NA	8.57E-05	8.57E-06	8.57E-06	NC	NC	NC	NC	1.88E-03	1.61E-04	5.38E-04
Nickel	6.22E-05	8.40E-01	9.10E-01	9.10E-01	NA	1.43E-05	1.43E-05	4.65E-09	3.99E-10	1.88E-08	1.55E-08	4.17E-03	3.58E-04	1.19E-03
Selenium	4.70E-06	NA	NA	NA	NA	5.71E-03	5.71E-03	NC	NC	NC	NC	7.89E-07	6.76E-08	2.25E-07
Vanadium	2.60E-04	2.91E+01	NA	2.91E+01	2.00E-06	NA	2.00E-06	6.22E-07	5.33E-08	2.52E-06	2.07E-06	1.25E-01	1.07E-02	3.57E-02
Zinc	5.39E-04	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	3.89E-02	NA	1.10E+00	1.10E+00	1.43E-03	1.43E-03	1.43E-03	3.51E-06	3.01E-07	1.42E-05	1.17E-05	2.61E-02	2.24E-03	7.45E-03
						TOTAL		**5.7E-06**	**4.9E-07**	**2.3E-05**	**1.9E-05**	**0.30**	**0.026**	**0.085**

[1] Residential Maximum Grid No. 350
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 5-2
Incremental Risk Calculation for Cumulative On-Airport Projects Construction, Horizon Year 2012, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker	
Inhalation rate	10	(m^3/day)
Exposure Duration	40	(years)
Exposure Frequency	245	(days/year)
Body Weight	70	(kg)
Averaging Time (non-carcinogenic)	14600	(d)
Averaging Time (carcinogenic)	25550	(d)
Conversion Factor	1.00E-03	(mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	CalEPA Inhalation Slope Factor $(mg/kg\text{-}d)^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.04E-02	7.70E-03	1.00E-02	2.57E-03	4.00E-02	2.87E-08	1.26E-04
Acrolein	1.13E-02	NA	NA	5.71E-06	1.00E-04	NC	1.12E-02
Benzene	1.68E-02	7.70E-03	1.00E-01	8.57E-03	1.71E-02	9.59E-08	9.79E-05
1,3-Butadiene	8.61E-03	1.05E-01	6.00E-01	5.71E-04	5.71E-03	2.94E-07	1.50E-04
Ethylbenzene	2.31E-03	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.15E-09	4.03E-07
Ethylene glycol	1.09E-05	NA	NA	1.14E-01	1.14E-01	NC	9.47E-09
Formaldehyde	1.19E-01	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.42E-07	4.61E-03
Hexane, n-	1.14E-03	NA	NA	2.00E-01	2.00E+00	NC	5.67E-08
Isopropyl alcohol	2.63E-05	NA	NA	NA	2.00E+00	NC	1.31E-09
Methyl alcohol	1.98E-04	NA	NA	1.14E+00	1.14E+00	NC	1.73E-08
Methyl ethyl ketone	6.19E-03	NA	NA	1.43E+00	NA	NC	4.32E-07
Methyl t-butyl ether	2.77E-04	9.10E-04	9.10E-04	8.57E-01	2.29E+00	1.43E-11	1.21E-08
Phenol	3.33E-03	NA	NA	5.71E-02	5.71E-02	NC	5.81E-06
Propylene	3.21E-02	NA	NA	NA	8.57E-01	NC	3.74E-06
Styrene	1.68E-03	NA	NA	2.86E-01	2.57E-01	NC	6.51E-07
Toluene	1.09E-02	NA	NA	1.43E+00	8.57E-02	NC	1.27E-05
Xylene (total)	7.12E-03	NA	NA	2.86E-02	2.00E-01	NC	3.55E-06
Naphthalene	2.85E-03	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.95E-08	1.11E-04
Ammonium Ion	1.69E-03	NA	NA	2.86E-02	5.71E-02	NC	2.94E-06
Bromine	6.57E-05	NA	NA	NA	NA	NC	NC
Chlorine	7.53E-03	NA	NA	4.29E-05	5.71E-05	NC	1.31E-02
Silicon	2.58E-01	NA	NA	NA	NA	NC	NC
Sulfates	2.43E-02	NA	NA	NA	NA	NC	NC
Antimony	3.61E-05	NA	NA	NA	NA	NC	NC
Arsenic	2.73E-05	1.51E+01	1.20E+01	8.57E-06	4.29E-06	1.87E-08	6.36E-04
Cadmium	6.41E-05	6.30E+00	1.50E+01	NA	5.71E-06	5.48E-08	1.12E-03
Copper	1.82E-04	NA	NA	NA	NA	NC	NC
Chromium (VI)	4.37E-05	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.27E-06	7.62E-05
Lead	7.57E-04	NA	4.20E-02	NA	NA	1.81E-09	NC
Manganese	1.25E-03	NA	NA	1.43E-05	2.57E-05	NC	4.83E-03
Mercury	3.44E-05	NA	NA	8.57E-05	8.57E-06	NC	4.01E-04
Nickel	1.14E-04	8.40E-01	9.10E-01	NA	1.43E-05	5.92E-09	7.97E-04
Selenium	1.29E-05	NA	NA	NA	5.71E-03	NC	2.25E-07
Vanadium	3.59E-04	2.91E+01	NA	2.00E-06	NA	5.94E-07	1.79E-02
Zinc	9.18E-04	NA	NA	NA	NA	NC	NC
Diesel PM	4.51E-01	NA	1.10E+00	1.43E-03	1.43E-03	2.83E-05	3.15E-02
					TOTAL	**3.1E-05**	**0.087**

[1] Commercial Maximum Grid No. 29
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Location	1-Hour PM10 Conc. (µg/m^3)	AMMONIUM ION (µg/m^3)	ANTIMONY (µg/m^3)	ARSENIC (µg/m^3)	BROMINE (µg/m^3)	CADMIUM (µg/m^3)	CHLORINE (µg/m^3)	CHROMIUM VI (µg/m^3)	COPPER (µg/m^3)	LEAD (µg/m^3)	MANGANESE (µg/m^3)	MERCURY (µg/m^3)	NICKEL (µg/m^3)	SELENIUM (µg/m^3)	SILICON (µg/m^3)	SULFATES (µg/m^3)	VANADIUM (µg/m^3)	ZINC (µg/m^3)	DIESEL PM (µg/m^3)
Residential																			
Maximum Offsite Concentration-->	1.88E+01	2.38E-02	4.30E-04	2.76E-04	7.72E-04	1.38E-03	8.72E-02	4.95E-04	2.29E-03	7.82E-03	1.27E-02	4.00E-04	1.63E-03	1.12E-03	2.63E+00	9.44E-01	3.55E-03	1.03E-02	6.59E+00
Average Offsite Concentration-->	6.26E+00	5.58E-03	1.21E-04	9.25E-05	2.10E-04	5.13E-04	2.39E-02	1.89E-04	9.01E-04	2.86E-03	4.51E-03	1.16E-04	6.72E-04	3.41E-04	9.74E-01	3.10E-01	1.22E-03	3.38E-03	1.49E+00
Minimum Offsite Concentration-->	1.09E+00	9.84E-04	2.10E-05	1.57E-05	3.71E-05	9.06E-05	4.23E-03	3.27E-05	1.58E-04	4.89E-04	7.67E-04	2.00E-05	1.19E-04	5.97E-05	1.66E-01	5.70E-02	2.05E-04	5.84E-04	2.64E-01
Commercial																			
Maximum Offsite Concentration-->	2.81E+01	2.70E-02	6.21E-04	4.97E-04	1.12E-03	1.28E-03	1.28E-01	8.11E-04	3.39E-03	1.40E-02	2.29E-02	5.98E-04	2.15E-03	3.71E-04	4.79E+00	5.15E-01	6.57E-03	1.64E-02	7.11E+00
Average Offsite Concentration-->	5.04E+00	4.94E-03	1.07E-04	8.23E-05	1.91E-04	2.94E-04	2.18E-02	1.45E-04	6.43E-04	2.38E-03	3.85E-03	1.03E-04	4.39E-04	1.41E-04	8.12E-01	1.52E-01	1.08E-03	2.85E-03	1.32E+00
Minimum Offsite Concentration-->	1.34E+00	1.24E-03	2.53E-05	1.83E-05	4.48E-05	1.11E-04	5.09E-03	3.93E-05	1.93E-04	5.75E-04	9.00E-04	2.39E-05	1.46E-04	6.71E-05	1.95E-01	6.50E-02	2.39E-04	6.97E-04	3.36E-01
School																			
Maximum Offsite Concentration-->	1.02E+01	1.25E-02	2.22E-04	1.41E-04	4.04E-04	7.06E-04	4.57E-02	2.74E-04	1.33E-03	4.11E-03	6.58E-03	2.07E-04	9.86E-04	4.46E-04	1.38E+00	4.53E-01	1.80E-03	5.46E-03	3.46E+00
Average Offsite Concentration-->	5.17E+00	6.04E-03	1.08E-04	6.89E-05	1.89E-04	3.95E-04	2.12E-02	1.40E-04	6.90E-04	2.07E-03	3.27E-03	1.01E-04	5.24E-04	2.54E-04	6.96E-01	2.54E-01	8.84E-04	2.71E-03	1.67E+00
Minimum Offsite Concentration-->	3.31E+00	4.04E-03	6.88E-05	4.10E-05	1.15E-04	2.70E-04	1.26E-02	8.71E-05	4.42E-04	1.25E-03	1.95E-03	6.34E-05	3.44E-04	1.83E-04	4.18E-01	1.80E-01	5.20E-04	1.68E-03	1.12E+00
CalEPA Acute REL	NA	3200	NA	0.2	NA	NA	210	NA	100	NA	NA	0.6	6	NA	NA	120	30	NA	NA
Residential																			
Offsite Maximum Acute Hazard-->	NA	7.43E-06	NA	1.38E-03	NA	NA	4.15E-04	NA	2.29E-05	NA	NA	6.67E-04	2.71E-04	NA	NA	7.86E-03	1.18E-04	NA	NA
Offsite Average Acute Hazard-->	NA	1.74E-06	NA	4.63E-04	NA	NA	1.14E-04	NA	9.01E-06	NA	NA	1.93E-04	1.12E-04	NA	NA	2.59E-03	4.06E-05	NA	NA
Offsite Minimum Acute Hazard-->	NA	3.08E-07	NA	7.84E-05	NA	NA	2.01E-05	NA	1.58E-06	NA	NA	3.33E-05	1.98E-05	NA	NA	4.75E-04	6.84E-06	NA	NA
Commercial																			
Offsite Maximum Acute Hazard-->	NA	8.44E-06	NA	2.48E-03	NA	NA	6.11E-04	NA	3.39E-05	NA	NA	9.96E-04	3.59E-04	NA	NA	4.29E-03	2.19E-04	NA	NA
Offsite Average Acute Hazard-->	NA	1.54E-06	NA	4.11E-04	NA	NA	1.04E-04	NA	6.43E-06	NA	NA	1.71E-04	7.32E-05	NA	NA	1.27E-03	3.61E-05	NA	NA
Offsite Minimum Acute Hazard-->	NA	3.88E-07	NA	9.16E-05	NA	NA	2.42E-05	NA	1.93E-06	NA	NA	3.99E-05	2.43E-05	NA	NA	5.41E-04	7.97E-06	NA	NA
School																			
Offsite Maximum Acute Hazard-->	NA	3.90E-06	NA	7.03E-04	NA	NA	2.18E-04	NA	1.33E-05	NA	NA	3.44E-04	1.64E-04	NA	NA	3.77E-03	6.00E-05	NA	NA
Offsite Average Acute Hazard-->	NA	1.89E-06	NA	3.45E-04	NA	NA	1.01E-04	NA	6.90E-06	NA	NA	1.68E-04	8.73E-05	NA	NA	2.12E-03	2.95E-05	NA	NA
Offsite Minimum Acute Hazard-->	NA	1.26E-06	NA	2.05E-04	NA	NA	6.02E-05	NA	4.42E-06	NA	NA	1.06E-04	5.73E-05	NA	NA	1.50E-03	1.73E-05	NA	NA

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
29	370479	3756654	Commercial	2.81E+01	2.70E-02	6.21E-04	4.97E-04	1.12E-03	1.28E-03	1.28E-01	8.11E-04	3.39E-03	1.40E-02	2.29E-02	5.98E-04	2.15E-03	3.71E-04	4.79E+00	5.15E-01	6.57E-03	1.64E-02	7.11E+00
141	370911	3758089	Commercial	6.86E+00	8.11E-03	1.53E-04	1.03E-04	2.69E-04	4.04E-04	3.03E-02	1.84E-04	8.44E-04	2.95E-03	4.76E-03	1.43E-04	5.93E-04	1.99E-04	9.96E-01	2.25E-01	1.33E-03	3.78E-03	2.23E+00
142	370911	3757976	Commercial	7.08E+00	9.03E-03	1.60E-04	1.01E-04	2.80E-04	4.24E-04	3.14E-02	1.83E-04	8.58E-04	2.87E-03	4.63E-03	1.49E-04	6.14E-04	2.16E-04	9.67E-01	2.47E-01	1.29E-03	3.84E-03	2.51E+00
143	370911	3757863	Commercial	5.65E+00	6.12E-03	1.19E-04	8.28E-05	2.16E-04	3.80E-04	2.46E-02	1.57E-04	7.39E-04	2.44E-03	3.90E-03	1.12E-04	5.37E-04	2.18E-04	8.25E-01	2.32E-01	1.08E-03	3.06E-03	1.67E+00
144	370910	3757751	Commercial	5.73E+00	4.79E-03	1.14E-04	9.32E-05	1.99E-04	3.92E-04	2.28E-02	1.74E-04	7.82E-04	2.79E-03	4.47E-03	1.10E-04	5.50E-04	2.24E-04	9.54E-01	2.15E-01	1.24E-03	3.21E-03	1.25E+00
145	370930	3757712	Commercial	6.00E+00	4.95E-03	1.20E-04	9.91E-05	2.11E-04	4.04E-04	2.42E-02	1.83E-04	8.19E-04	2.96E-03	4.74E-03	1.16E-04	5.72E-04	2.26E-04	1.01E+00	2.18E-01	1.32E-03	3.38E-03	1.29E+00
146	370961	3757689	Commercial	6.14E+00	5.04E-03	1.23E-04	1.02E-04	2.17E-04	4.08E-04	2.49E-02	1.88E-04	8.36E-04	3.05E-03	4.88E-03	1.19E-04	5.82E-04	2.26E-04	1.04E+00	2.17E-01	1.36E-03	3.47E-03	1.31E+00
147	371046	3757693	Commercial	6.04E+00	4.98E-03	1.21E-04	1.00E-04	2.14E-04	3.98E-04	2.46E-02	1.84E-04	8.21E-04	2.99E-03	4.80E-03	1.17E-04	5.70E-04	2.18E-04	1.02E+00	2.12E-01	1.33E-03	3.42E-03	1.29E+00
148	371071	3757668	Commercial	6.04E+00	5.04E-03	1.21E-04	1.00E-04	2.15E-04	3.96E-04	2.47E-02	1.83E-04	8.18E-04	2.98E-03	4.78E-03	1.17E-04	5.68E-04	2.17E-04	1.02E+00	2.12E-01	1.33E-03	3.41E-03	1.31E+00
149	371071	3757585	Commercial	6.25E+00	5.49E-03	1.27E-04	1.02E-04	2.23E-04	4.03E-04	2.56E-02	1.86E-04	8.32E-04	3.03E-03	4.86E-03	1.23E-04	5.78E-04	2.17E-04	1.03E+00	2.15E-01	1.35E-03	3.51E-03	1.44E+00
150	371047	3757610	Commercial	6.23E+00	5.32E-03	1.26E-04	1.03E-04	2.22E-04	4.05E-04	2.55E-02	1.88E-04	8.37E-04	3.05E-03	4.90E-03	1.22E-04	5.81E-04	2.19E-04	1.04E+00	2.16E-01	1.36E-03	3.51E-03	1.39E+00
151	371122	3757609	Commercial	6.16E+00	5.40E-03	1.26E-04	1.01E-04	2.20E-04	3.96E-04	2.51E-02	1.84E-04	8.20E-04	2.99E-03	4.81E-03	1.21E-04	5.68E-04	2.12E-04	1.02E+00	2.09E-01	1.34E-03	3.47E-03	1.42E+00
152	371099	3757595	Commercial	6.22E+00	5.47E-03	1.27E-04	1.02E-04	2.22E-04	4.00E-04	2.54E-02	1.86E-04	8.28E-04	3.02E-03	4.86E-03	1.22E-04	5.74E-04	2.14E-04	1.03E+00	2.12E-01	1.35E-03	3.50E-03	1.44E+00
153	371135	3757663	Commercial	5.85E+00	5.08E-03	1.18E-04	9.56E-05	2.08E-04	3.84E-04	2.39E-02	1.75E-04	7.86E-04	2.84E-03	4.56E-03	1.14E-04	5.48E-04	2.11E-04	9.70E-01	2.07E-01	1.27E-03	3.29E-03	1.33E+00
168	371995	3757843	Commercial	4.99E+00	4.39E-03	1.04E-04	8.48E-05	1.82E-04	2.98E-04	2.09E-02	1.50E-04	6.53E-04	2.48E-03	4.00E-03	1.00E-04	4.42E-04	1.45E-04	8.47E-01	1.46E-01	1.12E-03	2.86E-03	1.15E+00
169	371969	3757867	Commercial	4.89E+00	4.36E-03	1.02E-04	8.22E-05	1.78E-04	2.97E-04	2.04E-02	1.46E-04	6.41E-04	2.41E-03	3.88E-03	9.81E-05	4.37E-04	1.48E-04	8.22E-01	1.48E-01	1.09E-03	2.79E-03	1.15E+00
170	372023	3757868	Commercial	4.90E+00	4.32E-03	1.02E-04	8.29E-05	1.79E-04	2.94E-04	2.04E-02	1.47E-04	6.41E-04	2.43E-03	3.92E-03	9.83E-05	4.35E-04	1.44E-04	8.29E-01	1.44E-01	1.10E-03	2.80E-03	1.13E+00
171	372048	3757843	Commercial	4.98E+00	4.34E-03	1.04E-04	8.51E-05	1.82E-04	2.94E-04	2.09E-02	1.49E-04	6.51E-04	2.49E-03	4.02E-03	1.00E-04	4.39E-04	1.41E-04	8.50E-01	1.42E-01	1.13E-03	2.86E-03	1.13E+00
172	372047	3757746	Commercial	5.17E+00	4.46E-03	1.08E-04	8.96E-05	1.91E-04	2.97E-04	2.19E-02	1.56E-04	6.72E-04	2.61E-03	4.22E-03	1.05E-04	4.49E-04	1.36E-04	8.93E-01	1.39E-01	1.19E-03	2.99E-03	1.16E+00
173	372046	3757649	Commercial	5.12E+00	4.50E-03	1.08E-04	8.88E-05	1.91E-04	2.88E-04	2.19E-02	1.54E-04	6.62E-04	2.58E-03	4.18E-03	1.04E-04	4.40E-04	1.29E-04	8.82E-01	1.34E-01	1.18E-03	2.96E-03	1.17E+00
174	372045	3757551	Commercial	4.82E+00	4.43E-03	1.02E-04	8.22E-05	1.81E-04	2.69E-04	2.08E-02	1.42E-04	6.16E-04	2.38E-03	3.86E-03	9.86E-05	4.12E-04	1.20E-04	8.13E-01	1.28E-01	1.09E-03	2.77E-03	1.17E+00
175	372041	3757448	Commercial	4.45E+00	4.27E-03	9.54E-05	7.45E-05	1.69E-04	2.49E-04	1.93E-02	1.29E-04	5.64E-04	2.15E-03	3.49E-03	9.14E-05	3.79E-04	1.11E-04	7.33E-01	1.22E-01	9.83E-04	2.54E-03	1.13E+00
176	372036	3757345	Commercial	4.30E+00	4.05E-03	9.09E-05	7.14E-05	1.62E-04	2.49E-04	1.85E-02	1.25E-04	5.51E-04	2.07E-03	3.35E-03	8.72E-05	3.74E-04	1.18E-04	7.07E-01	1.26E-01	9.41E-04	2.44E-03	1.07E+00
177	372032	3757242	Commercial	4.01E+00	4.02E-03	8.51E-05	6.38E-05	1.47E-04	2.46E-04	1.67E-02	1.14E-04	5.14E-04	1.86E-03	2.99E-03	8.11E-05	3.57E-04	1.26E-04	6.32E-01	1.31E-01	8.36E-04	2.24E-03	1.08E+00
178	372027	3757139	Commercial	4.30E+00	4.43E-03	9.18E-05	6.76E-05	1.60E-04	2.65E-04	1.81E-02	1.22E-04	5.49E-04	1.97E-03	3.17E-03	8.72E-05	3.83E-04	1.37E-04	6.68E-01	1.42E-01	8.85E-04	2.39E-03	1.20E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
179	372003	3757115	Commercial	4.52E+00	4.58E-03	9.65E-05	7.21E-05	1.68E-04	2.76E-04	1.91E-02	1.29E-04	5.79E-04	2.10E-03	3.38E-03	9.18E-05	4.01E-04	1.40E-04	7.13E-01	1.46E-01	9.45E-04	2.53E-03	1.23E+00
180	371881	3757114	Commercial	4.53E+00	4.77E-03	9.72E-05	7.06E-05	1.69E-04	2.78E-04	1.91E-02	1.27E-04	5.75E-04	2.05E-03	3.30E-03	9.22E-05	4.02E-04	1.43E-04	6.96E-01	1.51E-01	9.22E-04	2.51E-03	1.29E+00
181	371758	3757113	Commercial	4.73E+00	5.00E-03	1.02E-04	7.39E-05	1.77E-04	2.88E-04	2.00E-02	1.33E-04	5.99E-04	2.14E-03	3.45E-03	9.65E-05	4.17E-04	1.47E-04	7.27E-01	1.56E-01	9.65E-04	2.63E-03	1.35E+00
182	371636	3757112	Commercial	5.34E+00	5.28E-03	1.14E-04	8.67E-05	2.02E-04	3.13E-04	2.30E-02	1.53E-04	6.80E-04	2.51E-03	4.06E-03	1.09E-04	4.66E-04	1.51E-04	8.55E-01	1.64E-01	1.14E-03	3.01E-03	1.41E+00
183	371514	3757111	Commercial	6.12E+00	6.03E-03	1.31E-04	1.01E-04	2.34E-04	3.45E-04	2.68E-02	1.76E-04	7.73E-04	2.91E-03	4.71E-03	1.26E-04	5.24E-04	1.57E-04	9.91E-01	1.75E-01	1.33E-03	3.47E-03	1.61E+00
184	371394	3757110	Commercial	6.94E+00	6.95E-03	1.50E-04	1.15E-04	2.68E-04	3.77E-04	3.07E-02	1.98E-04	8.66E-04	3.29E-03	5.34E-03	1.44E-04	5.82E-04	1.63E-04	1.12E+00	1.88E-01	1.51E-03	3.94E-03	1.86E+00
185	371275	3757110	Commercial	7.96E+00	7.94E-03	1.74E-04	1.33E-04	3.10E-04	4.17E-04	3.54E-02	2.27E-04	9.85E-04	3.81E-03	6.20E-03	1.66E-04	6.55E-04	1.70E-04	1.30E+00	2.00E-01	1.76E-03	4.55E-03	2.12E+00
186	371155	3757109	Commercial	9.24E+00	8.93E-03	2.01E-04	1.59E-04	3.60E-04	4.68E-04	4.12E-02	2.67E-04	1.14E-03	4.53E-03	7.37E-03	1.93E-04	7.48E-04	1.76E-04	1.54E+00	2.12E-01	2.10E-03	5.34E-03	2.36E+00
187	371035	3757108	Commercial	1.03E+01	9.70E-03	2.24E-04	1.80E-04	4.01E-04	5.18E-04	4.60E-02	3.02E-04	1.28E-03	5.14E-03	8.38E-03	2.16E-04	8.33E-04	1.91E-04	1.76E+00	2.28E-01	2.38E-03	6.00E-03	2.55E+00
188	371060	3757133	Commercial	1.01E+01	9.35E-03	2.18E-04	1.76E-04	3.89E-04	5.09E-04	4.46E-02	2.95E-04	1.25E-03	5.02E-03	8.18E-03	2.10E-04	8.15E-04	1.90E-04	1.72E+00	2.24E-01	2.33E-03	5.85E-03	2.46E+00
189	371059	3757085	Commercial	1.02E+01	9.75E-03	2.22E-04	1.76E-04	3.96E-04	5.07E-04	4.54E-02	2.94E-04	1.25E-03	5.00E-03	8.16E-03	2.13E-04	8.16E-04	1.85E-04	1.71E+00	2.25E-01	2.32E-03	5.88E-03	2.58E+00
190	371034	3757060	Commercial	1.04E+01	1.01E-02	2.28E-04	1.79E-04	4.08E-04	5.21E-04	4.68E-02	3.01E-04	1.28E-03	5.11E-03	8.32E-03	2.19E-04	8.38E-04	1.91E-04	1.74E+00	2.34E-01	2.37E-03	6.03E-03	2.69E+00
191	370944	3757061	Commercial	1.13E+01	1.07E-02	2.46E-04	1.97E-04	4.39E-04	5.58E-04	5.04E-02	3.28E-04	1.39E-03	5.60E-03	9.13E-03	2.36E-04	9.02E-04	2.00E-04	1.91E+00	2.43E-01	2.60E-03	6.55E-03	2.81E+00
192	370854	3757061	Commercial	1.19E+01	1.09E-02	2.57E-04	2.09E-04	4.59E-04	5.94E-04	5.28E-02	3.50E-04	1.48E-03	5.98E-03	9.74E-03	2.48E-04	9.57E-04	2.15E-04	2.04E+00	2.57E-01	2.77E-03	6.93E-03	2.86E+00
193	370764	3757062	Commercial	1.22E+01	1.11E-02	2.63E-04	2.15E-04	4.68E-04	6.19E-04	5.38E-02	3.61E-04	1.53E-03	6.16E-03	1.00E-02	2.54E-04	9.91E-04	2.31E-04	2.11E+00	2.71E-01	2.85E-03	7.12E-03	2.90E+00
194	370789	3757086	Commercial	1.17E+01	1.06E-02	2.52E-04	2.06E-04	4.47E-04	6.00E-04	5.14E-02	3.46E-04	1.47E-03	5.90E-03	9.60E-03	2.43E-04	9.55E-04	2.29E-04	2.02E+00	2.66E-01	2.73E-03	6.82E-03	2.78E+00
195	370786	3756996	Commercial	1.32E+01	1.23E-02	2.87E-04	2.31E-04	5.13E-04	6.39E-04	5.89E-02	3.84E-04	1.62E-03	6.58E-03	1.07E-02	2.76E-04	1.04E-03	2.20E-04	2.25E+00	2.73E-01	3.06E-03	7.67E-03	3.23E+00
196	370782	3756907	Commercial	1.41E+01	1.46E-02	3.14E-04	2.39E-04	5.63E-04	6.89E-04	6.45E-02	3.99E-04	1.71E-03	6.74E-03	1.10E-02	3.00E-04	1.12E-03	2.44E-04	2.30E+00	3.18E-01	3.14E-03	8.12E-03	3.90E+00
197	370779	3756817	Commercial	1.78E+01	2.01E-02	4.06E-04	2.92E-04	7.32E-04	8.42E-04	8.35E-02	4.85E-04	2.10E-03	8.14E-03	1.33E-02	3.84E-04	1.38E-03	2.82E-04	2.76E+00	4.00E-01	3.80E-03	1.01E-02	5.46E+00
198	370755	3756843	Commercial	1.57E+01	1.77E-02	3.56E-04	2.55E-04	6.40E-04	7.58E-04	7.30E-02	4.27E-04	1.86E-03	7.15E-03	1.17E-02	3.37E-04	1.23E-03	2.67E-04	2.43E+00	3.69E-01	3.33E-03	8.91E-03	4.80E+00
199	370847	3756839	Commercial	1.45E+01	1.72E-02	3.33E-04	2.30E-04	6.00E-04	7.11E-04	6.82E-02	3.88E-04	1.71E-03	6.43E-03	1.05E-02	3.13E-04	1.14E-03	2.60E-04	2.18E+00	3.60E-01	2.99E-03	8.18E-03	4.70E+00
200	370940	3756836	Commercial	1.19E+01	1.37E-02	2.68E-04	1.88E-04	4.83E-04	6.07E-04	5.49E-02	3.20E-04	1.42E-03	5.28E-03	8.60E-03	2.53E-04	9.58E-04	2.42E-04	1.79E+00	3.14E-01	2.44E-03	6.66E-03	3.73E+00
201	371032	3756832	Commercial	1.10E+01	1.16E-02	2.43E-04	1.81E-04	4.32E-04	5.73E-04	4.92E-02	3.07E-04	1.34E-03	5.13E-03	8.34E-03	2.31E-04	8.96E-04	2.31E-04	1.74E+00	2.79E-01	2.37E-03	6.25E-03	3.13E+00
202	371056	3756809	Commercial	1.16E+01	1.18E-02	2.55E-04	1.94E-04	4.54E-04	5.98E-04	5.18E-02	3.29E-04	1.42E-03	5.53E-03	9.00E-03	2.44E-04	9.43E-04	2.35E-04	1.88E+00	2.81E-01	2.56E-03	6.65E-03	3.17E+00
203	371058	3756782	Commercial	1.23E+01	1.23E-02	2.70E-04	2.09E-04	4.82E-04	6.28E-04	5.51E-02	3.53E-04	1.52E-03	5.95E-03	9.69E-03	2.59E-04	9.98E-04	2.41E-04	2.03E+00	2.88E-01	2.75E-03	7.09E-03	3.27E+00
204	371034	3756805	Commercial	1.19E+01	1.23E-02	2.63E-04	1.99E-04	4.68E-04	6.11E-04	5.34E-02	3.37E-04	1.46E-03	5.67E-03	9.23E-03	2.51E-04	9.67E-04	2.38E-04	1.93E+00	2.88E-01	2.62E-03	6.83E-03	3.28E+00
205	371146	3756803	Commercial	1.10E+01	1.07E-02	2.39E-04	1.87E-04	4.25E-04	5.71E-04	4.86E-02	3.17E-04	1.36E-03	5.34E-03	8.68E-03	2.29E-04	8.99E-04	2.27E-04	1.82E+00	2.64E-01	2.46E-03	6.32E-03	2.84E+00
206	371259	3756800	Commercial	1.01E+01	9.48E-03	2.18E-04	1.74E-04	3.87E-04	5.34E-04	4.44E-02	2.96E-04	1.27E-03	5.00E-03	8.13E-03	2.10E-04	8.38E-04	2.16E-04	1.71E+00	2.44E-01	2.31E-03	5.85E-03	2.50E+00
207	371371	3756798	Commercial	9.33E+00	8.48E-03	1.99E-04	1.62E-04	3.54E-04	4.99E-04	4.06E-02	2.76E-04	1.18E-03	4.66E-03	7.58E-03	1.92E-04	7.79E-04	2.06E-04	1.59E+00	2.27E-01	2.14E-03	5.41E-03	2.22E+00
208	371484	3756795	Commercial	8.60E+00	7.65E-03	1.83E-04	1.50E-04	3.24E-04	4.67E-04	3.72E-02	2.56E-04	1.10E-03	4.33E-03	7.02E-03	1.76E-04	7.25E-04	1.97E-04	1.48E+00	2.12E-01	1.99E-03	4.99E-03	2.00E+00
209	371595	3756793	Commercial	7.93E+00	6.97E-03	1.68E-04	1.38E-04	2.97E-04	4.37E-04	3.41E-02	2.37E-04	1.02E-03	4.00E-03	6.49E-03	1.62E-04	6.74E-04	1.89E-04	1.37E+00	2.00E-01	1.83E-03	4.60E-03	1.82E+00
210	371706	3756791	Commercial	7.31E+00	6.37E-03	1.54E-04	1.27E-04	2.73E-04	4.09E-04	3.13E-02	2.20E-04	9.44E-04	3.69E-03	5.99E-03	1.49E-04	6.27E-04	1.81E-04	1.26E+00	1.89E-01	1.69E-03	4.24E-03	1.66E+00
211	371818	3756788	Commercial	6.75E+00	5.86E-03	1.42E-04	1.17E-04	2.51E-04	3.83E-04	2.88E-02	2.03E-04	8.76E-04	3.41E-03	5.52E-03	1.37E-04	5.83E-04	1.73E-04	1.17E+00	1.79E-01	1.56E-03	3.91E-03	1.53E+00
212	371932	3756786	Commercial	6.23E+00	5.40E-03	1.30E-04	1.08E-04	2.30E-04	3.59E-04	2.65E-02	1.88E-04	8.11E-04	3.14E-03	5.08E-03	1.26E-04	5.43E-04	1.66E-04	1.07E+00	1.69E-01	1.43E-03	3.60E-03	1.41E+00
213	372046	3756783	Commercial	5.76E+00	5.00E-03	1.20E-04	9.90E-05	2.12E-04	3.36E-04	2.43E-02	1.73E-04	7.52E-04	2.89E-03	4.67E-03	1.16E-04	5.05E-04	1.59E-04	9.88E-01	1.61E-01	1.31E-03	3.32E-03	1.30E+00
214	372161	3756780	Commercial	5.33E+00	4.64E-03	1.11E-04	9.10E-05	1.95E-04	3.16E-04	2.24E-02	1.60E-04	6.98E-04	2.66E-03	4.30E-03	1.07E-04	4.71E-04	1.52E-04	9.10E-01	1.53E-01	1.21E-03	3.06E-03	1.21E+00
215	372275	3756778	Commercial	4.94E+00	4.32E-03	1.03E-04	8.38E-05	1.81E-04	2.97E-04	2.07E-02	1.48E-04	6.49E-04	2.46E-03	3.96E-03	9.90E-05	4.40E-04	1.46E-04	8.39E-01	1.46E-01	1.11E-03	2.83E-03	1.13E+00
216	372385	3756776	Commercial	4.60E+00	4.05E-03	9.53E-05	7.75E-05	1.68E-04	2.80E-04	1.92E-02	1.38E-04	6.05E-04	2.27E-03	3.66E-03	9.20E-05	4.13E-04	1.40E-04	7.77E-01	1.40E-01	1.03E-03	2.63E-03	1.06E+00
217	372494	3756773	Commercial	4.28E+00	3.80E-03	8.87E-05	7.17E-05	1.56E-04	2.65E-04	1.79E-02	1.28E-04	5.66E-04	2.11E-03	3.39E-03	8.55E-05	3.87E-04	1.35E-04	7.19E-01	1.34E-01	9.49E-04	2.44E-03	9.98E-01
218	372604	3756771	Commercial	4.00E+00	3.58E-03	8.28E-05	6.64E-05	1.45E-04	2.51E-04	1.66E-02	1.19E-04	5.29E-04	1.95E-03	3.14E-03	7.97E-05	3.64E-04	1.30E-04	6.67E-01	1.28E-01	8.78E-04	2.27E-03	9.42E-01
219	372714	3756768	Commercial	3.75E+00	3.41E-03	7.76E-05	6.16E-05	1.36E-04	2.38E-04	1.55E-02	1.11E-04	4.96E-04	1.81E-03	2.92E-03	7.45E-05	3.43E-04	1.25E-04	6.19E-01	1.24E-01	8.13E-04	2.12E-03	9.00E-01
220	372738	3756742	Commercial	3.58E+00	3.34E-03	7.42E-05	5.78E-05	1.30E-04	2.30E-04	1.48E-02	1.05E-04	4.73E-04	1.70E-03	2.74E-03	7.11E-05	3.30E-04	1.23E-04	5.81E-01	1.22E-01	7.62E-04	2.01E-03	8.87E-01
221	372733	3756647	Commercial	3.77E+00	3.43E-03	7.83E-05	6.22E-05	1.37E-04	2.36E-04	1.57E-02	1.12E-04	4.97E-04	1.83E-03	2.94E-03	7.52E-05	3.43E-04	1.23E-04	6.24E-01	1.22E-01	8.21E-04	2.13E-03	9.06E-01
222	372820	3756574	Commercial	3.92E+00	3.54E-03	8.18E-05	6.56E-05	1.44E-04	2.37E-04	1.65E-02	1.16E-04	5.13E-04	1.92E-03	3.10E-03	7.87E-05	3.50E-04	1.18E-04	6.55E-01	1.19E-01	8.67E-04	2.23E-03	9.32E-01
223	372844	3756548	Commercial	3.95E+00	3.55E-03	8.26E-05	6.65E-05	1.45E-04	2.37E-04	1.66E-02	1.18E-04	5.17E-04	1.95E-03	3.14E-03	7.95E-05	3.51E-04	1.16E-04	6.64E-01	1.18E-01	8.80E-04	2.26E-03	9.33E-01
224	372839	3756454	Commercial	4.09E+00	3.67E-03	8.60E-05	6.96E-05	1.52E-04	2.39E-04	1.74E-02	1.22E-04	5.32E-04	2.03E-03	3.28E-03	8.29E-05	3.59E-04	1.13E-04	6.93E-01	1.16E-01	9.21E-04	2.35E-03	9.64E-01
225	372821	3756363	Commercial	3.93E+00	3.61E-03	8.29E-05	6.62E-05	1.46E-04	2.29E-04	1.67E-02	1.16E-04	5.08E-04	1.92E-03	3.11E-03	7.97E-05	3.43E-04	1.09E-04	6.57E-01	1.12E-01	8.74E-04	2.25E-03	9.53E-01
226	372796	3756343	Commercial	3.90E+00	3.63E-03	8.25E-05	6.54E-05	1.45E-04	2.28E-04	1.66E-02	1.15E-04	5.03E-04	1.90E-03	3.07E-03	7.92E-05	3.41E-04	1.08E-04	6.49E-01	1.12E-01	8.63E-04	2.23E-03	9.59E-01
227	372731	3756328	Commercial	3.96E+00	3.75E-03	8.40E-05	6.59E-05	1.48E-04	2.32E-04	1.69E-02	1.16E-04	5.09E-04	1.91E-03	3.09E-03	8.06E-05	3.46E-04	1.11E-04	6.53E-01	1.15E-01	8.69E-04	2.25E-03	9.94E-01
228	372707	3756352	Commercial	4.15E+00	3.95E-03	8.84E-05	6.93E-05	1.56E-04	2.41E-04	1.78E-02	1.21E-04	5.33E-04	2.01E-03	3.25E-03	8.48E-05	3.61E-04	1.13E-04	6.86E-01	1.19E-01	9.14E-04	2.37E-03	1.05E+00
229	372928	3756344	Commercial	3.66E+00	3.33E-03	7.69E-05	6.17E-05	1.35E-04	2.16E-04	1.55E-02	1.09E-04	4.75E-04	1.80E-03	2.91E-03	7.40E-05	3.22E-04	1.03E-04	6.14E-01	1.06E-01	8.16E-04	2.09E-03	8.75E-01
230	372952	3756319	Commercial	3.54E+00	3.23E-03	7.43E-05	5.94E-05	1.31E-04	2.11E-04	1.49E-02	1.05E-04	4.61E-04	1.74E-03	2.80E-03	7.15E-05	3.13E-04	1.03E-04	5.92E-01	1.05E-01	7.86E-04	2.02E-03	8.51E-01
231	372951	3756245	Commercial	3.28E+00	3.06E-03	6.87E-05	5.40E-05	1.20E-04	2.03E-04	1.37E-02	9.67E-05	4.29E-04	1.58E-03	2.55E-03	6.59E-05	2.96E-04	1.03E-04	5.39E-01	1.04E-01	7.12E-04	1.86E-03	8.11E-01
232	372927	3756270	Commercial	3.41E+00	3.16E-03	7.15E-05	5.64E-05	1.25E-04	2.08E-04	1.43E-02	1.01E-04	4.45E-04	1.65E-03	2.66E-03	6.86E-05	3.05E-04	1.04E-04	5.63E-01	1.05E-01	7.45E-04	1.94E-03	8.36E-01
233	373033	3756268	Commercial	3.27E+00	3.00E-03	6.83E-05	5.42E-05	1.20E-04	2.00E-04	1.37E-02	9.67E-05	4.28E-04	1.59E-03	2.56E-03	6.57E-05	2.93E-04	1.01E-04	5.42E-01	1.01E-01	7.16E-04	1.86E-03	7.93E-01
234	373139	3756266	Commercial	3.47E+00	3.87E-03	7.62E-05	5.36E-05	1.38E-04	2.05E-04	1.57E-02	9.62E-05	4.37E-04	1.54E-03	2.49E-03	7.19E-05	3.06E-04	1.01E-04	5.22E-01	1.14E-01	6.98E-04	1.93E-03	1.05E+00
235	373245	3756264	Commercial	3.40E+00	3.89E-03	7.52E-05	5.19E-05	1.36E-04	2.00E-04	1.55E-02	9.32E-05	4.25E-04	1.49E-03	2.41E-03	7.08E-05	2.99E-04	9.83E-05	5.04E-01	1.12E-01	6.74E-04	1.89E-03	1.06E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
236	373351	3756262	Commercial	2.94E+00	2.72E-03	6.15E-05	4.87E-05	1.08E-04	1.82E-04	1.23E-02	8.71E-05	3.86E-04	1.43E-03	2.30E-03	5.91E-05	2.65E-04	9.25E-05	4.86E-01	9.28E-02	6.42E-04	1.67E-03	7.19E-01
237	373457	3756261	Commercial	2.95E+00	2.91E-03	6.28E-05	4.78E-05	1.10E-04	1.80E-04	1.25E-02	8.54E-05	3.81E-04	1.39E-03	2.24E-03	6.00E-05	2.63E-04	9.08E-05	4.74E-01	9.34E-02	6.28E-04	1.67E-03	7.79E-01
238	373482	3756235	Commercial	3.01E+00	3.17E-03	6.51E-05	4.76E-05	1.14E-04	1.82E-04	1.29E-02	8.51E-05	3.83E-04	1.38E-03	2.22E-03	6.17E-05	2.66E-04	9.13E-05	4.68E-01	9.64E-02	6.22E-04	1.69E-03	8.55E-01
239	373480	3756123	Commercial	4.16E+00	4.90E-03	9.41E-05	6.47E-05	1.67E-04	2.26E-04	1.88E-02	1.12E-04	5.03E-04	1.83E-03	2.97E-03	8.85E-05	3.45E-04	9.90E-05	6.19E-01	1.17E-01	8.38E-04	2.33E-03	1.34E+00
240	373479	3756010	Commercial	6.13E+00	7.64E-03	1.43E-04	9.59E-05	2.54E-04	3.01E-04	2.86E-02	1.61E-04	7.13E-04	2.66E-03	4.35E-03	1.34E-04	4.80E-04	1.10E-04	9.00E-01	1.48E-01	1.24E-03	3.45E-03	2.10E+00
241	373477	3755897	Commercial	2.66E+00	3.46E-03	5.99E-05	3.66E-05	1.05E-04	1.68E-04	1.17E-02	6.81E-05	3.26E-04	1.05E-03	1.68E-03	5.54E-05	2.38E-04	9.15E-05	3.51E-01	1.02E-01	4.66E-04	1.42E-03	9.65E-01
242	373476	3755785	Commercial	1.97E+00	2.39E-03	4.22E-05	2.64E-05	7.63E-05	1.41E-04	8.60E-03	5.25E-05	2.57E-04	7.79E-04	1.24E-03	3.92E-05	1.93E-04	8.60E-05	2.62E-01	9.14E-02	3.38E-04	1.04E-03	6.65E-01
243	373474	3755672	Commercial	1.72E+00	1.88E-03	3.55E-05	2.40E-05	6.44E-05	1.30E-04	7.31E-03	4.83E-05	2.34E-04	7.20E-04	1.14E-03	3.33E-05	1.76E-04	8.21E-05	2.43E-01	8.35E-02	3.10E-04	9.16E-04	5.17E-01
244	373473	3755559	Commercial	1.49E+00	1.44E-03	2.93E-05	2.12E-05	5.31E-05	1.18E-04	6.07E-03	4.35E-05	2.10E-04	6.50E-04	1.03E-03	2.77E-05	1.58E-04	7.77E-05	2.21E-01	7.57E-02	2.77E-04	7.93E-04	3.89E-01
245	373447	3755535	Commercial	1.44E+00	1.35E-03	2.80E-05	2.06E-05	5.08E-05	1.16E-04	5.81E-03	4.24E-05	2.05E-04	6.34E-04	1.00E-03	2.66E-05	1.54E-04	7.71E-05	2.15E-01	7.44E-02	2.69E-04	7.66E-04	3.65E-01
246	373334	3755539	Commercial	1.44E+00	1.34E-03	2.79E-05	2.07E-05	4.81E-05	1.18E-04	5.44E-03	4.26E-05	2.05E-04	6.41E-04	1.01E-03	2.66E-05	1.54E-04	7.91E-05	2.18E-01	7.36E-02	2.71E-04	7.68E-04	3.60E-01
247	373221	3755544	Commercial	1.47E+00	1.36E-03	2.83E-05	2.09E-05	4.87E-05	1.21E-04	5.51E-03	4.32E-05	2.08E-04	6.48E-04	1.02E-03	2.69E-05	1.57E-04	8.14E-05	2.20E-01	7.58E-02	2.74E-04	7.78E-04	3.67E-01
248	373197	3755568	Commercial	1.51E+00	1.41E-03	2.93E-05	2.16E-05	5.05E-05	1.24E-04	5.71E-03	4.45E-05	2.14E-04	6.69E-04	1.05E-03	2.79E-05	1.61E-04	8.28E-05	2.27E-01	7.73E-02	2.83E-04	8.04E-04	3.81E-01
249	373196	3755636	Commercial	1.63E+00	1.54E-03	3.20E-05	2.36E-05	5.78E-05	1.30E-04	6.61E-03	4.82E-05	2.32E-04	7.23E-04	1.14E-03	3.04E-05	1.74E-04	8.55E-05	2.46E-01	8.27E-02	3.08E-04	8.74E-04	4.16E-01
250	373194	3755705	Commercial	1.91E+00	2.19E-03	3.99E-05	2.60E-05	7.20E-05	1.42E-04	8.15E-03	5.23E-05	2.55E-04	7.77E-04	1.23E-03	3.73E-05	1.92E-04	8.95E-05	2.62E-01	9.21E-02	3.34E-04	1.01E-03	6.05E-01
251	373220	3755680	Commercial	1.72E+00	1.69E-03	3.42E-05	2.47E-05	6.17E-05	1.34E-04	7.04E-03	5.00E-05	2.40E-04	7.52E-04	1.19E-03	3.24E-05	1.80E-04	8.68E-05	2.55E-01	8.50E-02	3.22E-04	9.20E-04	4.57E-01
252	373135	3755679	Commercial	1.94E+00	2.32E-03	4.11E-05	2.58E-05	7.42E-05	1.44E-04	8.38E-03	5.22E-05	2.57E-04	7.69E-04	1.22E-03	3.82E-05	1.95E-04	9.04E-05	2.59E-01	9.44E-02	3.31E-04	1.02E-03	6.45E-01
253	373160	3755704	Commercial	2.00E+00	2.46E-03	4.29E-05	2.65E-05	7.74E-05	1.46E-04	8.72E-03	5.32E-05	2.62E-04	7.84E-04	1.25E-03	3.98E-05	1.99E-04	9.10E-05	2.63E-01	9.61E-02	3.38E-04	1.05E-03	6.85E-01
254	373158	3755635	Commercial	1.72E+00	1.79E-03	3.47E-05	2.40E-05	6.27E-05	1.34E-04	7.13E-03	4.90E-05	2.38E-04	7.28E-04	1.15E-03	3.26E-05	1.79E-04	8.70E-05	2.46E-01	8.65E-02	3.11E-04	9.12E-04	4.90E-01
255	373156	3755566	Commercial	1.52E+00	1.42E-03	2.93E-05	2.16E-05	5.21E-05	1.25E-04	5.93E-03	4.48E-05	2.17E-04	6.69E-04	1.05E-03	2.79E-05	1.63E-04	8.36E-05	2.27E-01	7.94E-02	2.83E-04	8.06E-04	3.82E-01
256	373132	3755542	Commercial	1.48E+00	1.37E-03	2.84E-05	2.09E-05	5.07E-05	1.23E-04	5.78E-03	4.36E-05	2.12E-04	6.48E-04	1.02E-03	2.70E-05	1.60E-04	8.30E-05	2.20E-01	7.91E-02	2.73E-04	7.81E-04	3.70E-01
257	373055	3755538	Commercial	1.53E+00	1.55E-03	3.01E-05	2.10E-05	5.45E-05	1.26E-04	6.21E-03	4.41E-05	2.17E-04	6.47E-04	1.02E-03	2.84E-05	1.65E-04	8.48E-05	2.19E-01	8.31E-02	2.72E-04	8.04E-04	4.22E-01
258	373079	3755562	Commercial	1.59E+00	1.62E-03	3.15E-05	2.18E-05	5.70E-05	1.28E-04	6.49E-03	4.55E-05	2.23E-04	6.70E-04	1.06E-03	2.96E-05	1.70E-04	8.55E-05	2.27E-01	8.42E-02	2.83E-04	8.36E-04	4.44E-01
259	373077	3755465	Commercial	1.34E+00	1.24E-03	2.53E-05	1.83E-05	4.48E-05	1.15E-04	5.09E-03	3.93E-05	1.94E-04	5.75E-04	9.00E-04	2.39E-05	1.49E-04	8.04E-05	1.95E-01	7.62E-02	2.39E-04	6.97E-04	3.36E-01
260	373075	3755368	Commercial	1.35E+00	1.27E-03	2.60E-05	1.89E-05	4.55E-05	1.13E-04	5.15E-03	3.95E-05	1.93E-04	5.87E-04	9.22E-04	2.47E-05	1.46E-04	7.65E-05	1.99E-01	7.28E-02	2.47E-04	7.11E-04	3.45E-01
261	373073	3755271	Commercial	1.45E+00	1.31E-03	2.81E-05	2.13E-05	4.93E-05	1.12E-04	5.60E-03	4.27E-05	2.02E-04	6.53E-04	1.03E-03	2.68E-05	1.50E-04	7.24E-05	2.22E-01	6.94E-02	2.80E-04	7.76E-04	3.50E-01
262	373071	3755174	Commercial	1.52E+00	1.33E-03	2.98E-05	2.34E-05	5.23E-05	1.11E-04	5.96E-03	4.52E-05	2.09E-04	7.08E-04	1.13E-03	2.86E-05	1.51E-04	6.80E-05	2.41E-01	6.56E-02	3.08E-04	8.29E-04	3.53E-01
263	373046	3755149	Commercial	1.55E+00	1.35E-03	3.06E-05	2.42E-05	5.36E-05	1.11E-04	6.12E-03	4.63E-05	2.13E-04	7.30E-04	1.16E-03	2.94E-05	1.53E-04	6.71E-05	2.49E-01	6.50E-02	3.19E-04	8.51E-04	3.57E-01
264	372939	3755150	Commercial	1.64E+00	1.41E-03	3.23E-05	2.58E-05	5.67E-05	1.16E-04	6.48E-03	4.90E-05	2.24E-04	7.78E-04	1.24E-03	3.11E-05	1.60E-04	6.87E-05	2.65E-01	6.65E-02	3.41E-04	9.03E-04	3.71E-01
265	372832	3755151	Commercial	1.72E+00	1.47E-03	3.41E-05	2.74E-05	5.98E-05	1.20E-04	6.84E-03	5.17E-05	2.35E-04	8.25E-04	1.32E-03	3.28E-05	1.67E-04	7.02E-05	2.81E-01	6.81E-02	3.63E-04	9.53E-04	3.85E-01
266	372725	3755152	Commercial	1.80E+00	1.52E-03	3.57E-05	2.90E-05	6.27E-05	1.24E-04	7.18E-03	5.43E-05	2.46E-04	8.69E-04	1.39E-03	3.45E-05	1.74E-04	7.18E-05	2.97E-01	6.96E-02	3.84E-04	1.00E-03	3.99E-01
267	372623	3755157	Commercial	1.87E+00	1.58E-03	3.73E-05	3.03E-05	6.53E-05	1.28E-04	7.48E-03	5.66E-05	2.56E-04	9.09E-04	1.45E-03	3.60E-05	1.80E-04	7.36E-05	3.11E-01	7.14E-02	4.02E-04	1.05E-03	4.13E-01
268	372527	3755158	Commercial	1.94E+00	1.62E-03	3.86E-05	3.15E-05	6.76E-05	1.32E-04	7.75E-03	5.86E-05	2.64E-04	9.44E-04	1.51E-03	3.73E-05	1.85E-04	7.50E-05	3.22E-01	7.27E-02	4.18E-04	1.08E-03	4.25E-01
269	372431	3755159	Commercial	2.00E+00	1.67E-03	3.98E-05	3.26E-05	6.97E-05	1.35E-04	7.99E-03	6.04E-05	2.72E-04	9.75E-04	1.56E-03	3.84E-05	1.90E-04	7.64E-05	3.33E-01	7.41E-02	4.32E-04	1.12E-03	4.36E-01
270	372334	3755160	Commercial	2.05E+00	1.71E-03	4.08E-05	3.35E-05	7.15E-05	1.38E-04	8.19E-03	6.20E-05	2.78E-04	1.00E-03	1.60E-03	3.95E-05	1.95E-04	7.78E-05	3.42E-01	7.54E-02	4.44E-04	1.15E-03	4.47E-01
271	372237	3755161	Commercial	2.09E+00	1.75E-03	4.17E-05	3.42E-05	7.29E-05	1.41E-04	8.35E-03	6.32E-05	2.84E-04	1.02E-03	1.63E-03	4.03E-05	1.99E-04	7.92E-05	3.49E-01	7.66E-02	4.53E-04	1.17E-03	4.57E-01
272	372139	3755161	Commercial	2.12E+00	1.79E-03	4.24E-05	3.46E-05	7.40E-05	1.43E-04	8.47E-03	6.40E-05	2.88E-04	1.03E-03	1.66E-03	4.09E-05	2.02E-04	8.06E-05	3.53E-01	7.78E-02	4.59E-04	1.19E-03	4.67E-01
273	372040	3755162	Commercial	2.14E+00	1.82E-03	4.28E-05	3.48E-05	7.46E-05	1.45E-04	8.53E-03	6.45E-05	2.90E-04	1.04E-03	1.66E-03	4.13E-05	2.04E-04	8.20E-05	3.55E-01	7.95E-02	4.60E-04	1.20E-03	4.76E-01
274	371941	3755163	Commercial	2.15E+00	1.85E-03	4.29E-05	3.46E-05	7.48E-05	1.46E-04	8.54E-03	6.44E-05	2.91E-04	1.04E-03	1.66E-03	4.14E-05	2.05E-04	8.34E-05	3.53E-01	8.13E-02	4.58E-04	1.20E-03	4.85E-01
275	371843	3755164	Commercial	2.15E+00	1.87E-03	4.28E-05	3.41E-05	7.44E-05	1.47E-04	8.49E-03	6.38E-05	2.90E-04	1.02E-03	1.63E-03	4.12E-05	2.05E-04	8.46E-05	3.48E-01	8.31E-02	4.51E-04	1.19E-03	4.94E-01
276	371748	3755165	Commercial	2.13E+00	1.90E-03	4.25E-05	3.33E-05	7.36E-05	1.47E-04	8.37E-03	6.26E-05	2.86E-04	9.97E-04	1.59E-03	4.07E-05	2.04E-04	8.58E-05	3.40E-01	8.49E-02	4.39E-04	1.17E-03	5.03E-01
277	371653	3755165	Commercial	2.08E+00	1.92E-03	4.16E-05	3.18E-05	7.20E-05	1.46E-04	8.18E-03	6.05E-05	2.79E-04	9.53E-04	1.52E-03	3.97E-05	2.01E-04	8.69E-05	3.24E-01	8.68E-02	4.18E-04	1.13E-03	5.13E-01
278	371558	3755166	Commercial	2.07E+00	2.12E-03	4.20E-05	2.96E-05	7.59E-05	1.46E-04	8.65E-03	5.78E-05	2.74E-04	8.85E-04	1.41E-03	3.96E-05	2.02E-04	8.85E-05	3.00E-01	9.39E-02	3.86E-04	1.10E-03	5.78E-01
279	371463	3755167	Commercial	2.05E+00	2.41E-03	4.30E-05	2.72E-05	7.74E-05	1.46E-04	8.74E-03	5.42E-05	2.65E-04	8.05E-04	1.28E-03	3.99E-05	1.99E-04	9.02E-05	2.71E-01	9.88E-02	3.48E-04	1.06E-03	6.69E-01
280	371359	3755168	Commercial	1.92E+00	2.35E-03	4.03E-05	2.43E-05	7.26E-05	1.42E-04	8.16E-03	4.99E-05	2.49E-04	7.24E-04	1.15E-03	3.72E-05	1.91E-04	9.09E-05	2.43E-01	9.95E-02	3.09E-04	9.82E-04	6.56E-01
281	371256	3755169	Commercial	1.97E+00	2.56E-03	4.19E-05	2.39E-05	7.54E-05	1.45E-04	8.45E-03	4.94E-05	2.50E-04	7.06E-04	1.12E-03	3.85E-05	1.94E-04	9.26E-05	2.36E-01	1.03E-01	3.01E-04	9.92E-04	7.19E-01
282	371152	3755170	Commercial	2.17E+00	2.87E-03	4.70E-05	2.67E-05	8.44E-05	1.53E-04	9.45E-03	5.40E-05	2.71E-04	7.80E-04	1.24E-03	4.31E-05	2.08E-04	9.49E-05	2.60E-01	1.09E-01	3.36E-04	1.10E-03	8.08E-01
283	371049	3755171	Commercial	2.38E+00	3.18E-03	5.22E-05	2.98E-05	9.35E-05	1.62E-04	1.05E-02	5.89E-05	2.93E-04	8.62E-04	1.37E-03	4.79E-05	2.23E-04	9.71E-05	2.88E-01	1.13E-01	3.75E-04	1.22E-03	8.94E-01
284	371024	3755197	Commercial	2.45E+00	3.26E-03	5.35E-05	3.04E-05	9.57E-05	1.68E-04	1.07E-02	6.05E-05	3.02E-04	8.82E-04	1.40E-03	4.90E-05	2.30E-04	1.01E-04	2.95E-01	1.17E-01	3.83E-04	1.25E-03	9.17E-01
285	371028	3755273	Commercial	2.48E+00	3.28E-03	5.35E-05	3.01E-05	9.59E-05	1.79E-04	1.07E-02	6.18E-05	3.13E-04	8.84E-04	1.40E-03	4.90E-05	2.41E-04	1.13E-04	2.95E-01	1.28E-01	3.78E-04	1.25E-03	9.25E-01
286	371031	3755350	Commercial	2.56E+00	3.32E-03	5.42E-05	3.06E-05	9.74E-05	1.92E-04	1.09E-02	6.43E-05	3.28E-04	9.10E-04	1.44E-03	4.97E-05	2.55E-04	1.25E-04	3.04E-01	1.38E-01	3.85E-04	1.28E-03	9.36E-01
287	371020	3755376	Commercial	2.61E+00	3.38E-03	5.51E-05	3.11E-05	9.91E-05	1.98E-04	1.11E-02	6.57E-05	3.36E-04	9.27E-04	1.46E-03	5.05E-05	2.62E-04	1.30E-04	3.09E-01	1.42E-01	3.91E-04	1.31E-03	9.52E-01
288	371018	3755470	Commercial	3.08E+00	3.54E-03	6.35E-05	4.05E-05	1.15E-04	2.29E-04	1.29E-02	8.25E-05	4.06E-04	1.21E-03	1.92E-03	5.91E-05	3.08E-04	1.46E-04	4.08E-01	1.56E-01	5.19E-04	1.59E-03	9.82E-01
289	371017	3755556	Commercial	3.64E+00	3.78E-03	7.40E-05	5.17E-05	1.34E-04	2.62E-04	1.52E-02	1.02E-04	4.86E-04	1.55E-03	2.46E-03	6.97E-05	3.59E-04	1.61E-04	5.24E-01	1.69E-01	6.72E-04	1.93E-03	1.03E+00
290	371040	3755532	Commercial	3.45E+00	3.62E-03	7.02E-05	4.86E-05	1.27E-04	2.51E-04	1.44E-02	9.63E-05	4.61E-04	1.46E-03	2.32E-03	6.61E-05	3.43E-04	1.56E-04	4.93E-01	1.63E-01	6.31E-04	1.83E-03	9.89E-01
291	371026	3755420	Commercial	2.81E+00	3.43E-03	5.87E-05	3.54E-05	1.06E-04	2.12E-04	1.19E-02	7.33E-05	3.68E-04	1.06E-03	1.67E-03	5.42E-05	2.83E-04	1.37E-04	3.55E-01	1.48E-01	4.50E-04	1.43E-03	9.57E-01
292	371016	3755399	Commercial	2.70E+00	3.42E-03	5.68E-05	3.29E-05	1.02E-04	2.05E-04	1.15E-02	6.90E-05	3.50E-04	9.82E-04	1.55E-03	5.22E-05	2.72E-04	1.34E-04	3.28E-01	1.46E-01	4.15E-04	1.36E-03	9.61E-01

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
293	370916	3755327	Commercial	2.74E+00	3.66E-03	5.92E-05	3.30E-05	1.06E-04	1.98E-04	1.18E-02	6.78E-05	3.44E-04	9.68E-04	1.53E-03	5.41E-05	2.66E-04	1.26E-04	3.23E-01	1.42E-01	4.14E-04	1.38E-03	1.03E+00
294	370816	3755255	Commercial	3.13E+00	3.92E-03	6.83E-05	4.20E-05	1.22E-04	2.04E-04	1.37E-02	8.03E-05	3.87E-04	1.21E-03	1.94E-03	6.32E-05	2.86E-04	1.16E-04	4.08E-01	1.35E-01	5.36E-04	1.64E-03	1.09E+00
385	370885	3757751	Commercial	5.68E+00	4.78E-03	1.13E-04	9.15E-05	2.04E-04	3.91E-04	2.36E-02	1.72E-04	7.82E-04	2.75E-03	4.40E-03	1.09E-04	5.54E-04	2.26E-04	9.37E-01	2.23E-01	1.21E-03	3.17E-03	1.25E+00
386	370907	3757702	Commercial	6.04E+00	4.99E-03	1.20E-04	9.95E-05	2.12E-04	4.07E-04	2.43E-02	1.84E-04	8.24E-04	2.97E-03	4.76E-03	1.16E-04	5.76E-04	2.29E-04	1.02E+00	2.20E-01	1.32E-03	3.40E-03	1.30E+00
387	370945	3757670	Commercial	6.24E+00	5.11E-03	1.25E-04	1.04E-04	2.20E-04	4.13E-04	2.53E-02	1.91E-04	8.49E-04	3.10E-03	4.97E-03	1.21E-04	5.90E-04	2.28E-04	1.06E+00	2.20E-01	1.38E-03	3.53E-03	1.33E+00
388	371046	3757668	Commercial	6.11E+00	5.05E-03	1.22E-04	1.02E-04	2.17E-04	4.01E-04	2.50E-02	1.86E-04	8.28E-04	3.02E-03	4.85E-03	1.19E-04	5.75E-04	2.19E-04	1.03E+00	2.13E-01	1.35E-03	3.45E-03	1.31E+00
389	371046	3757585	Commercial	6.27E+00	5.47E-03	1.27E-04	1.03E-04	2.24E-04	4.06E-04	2.57E-02	1.88E-04	8.38E-04	3.05E-03	4.89E-03	1.23E-04	5.82E-04	2.19E-04	1.04E+00	2.17E-01	1.36E-03	3.53E-03	1.44E+00
390	371122	3757584	Commercial	6.34E+00	5.57E-03	1.30E-04	1.05E-04	2.27E-04	4.02E-04	2.59E-02	1.89E-04	8.41E-04	3.09E-03	4.97E-03	1.25E-04	5.80E-04	2.12E-04	1.06E+00	2.10E-01	1.39E-03	3.58E-03	1.46E+00
399	371970	3757842	Commercial	5.00E+00	4.42E-03	1.04E-04	8.46E-05	1.82E-04	3.00E-04	2.09E-02	1.50E-04	6.54E-04	2.48E-03	4.00E-03	1.00E-04	4.44E-04	1.47E-04	8.46E-01	1.47E-01	1.12E-03	2.86E-03	1.16E+00
400	372023	3757843	Commercial	4.99E+00	4.36E-03	1.04E-04	8.50E-05	1.82E-04	2.96E-04	2.09E-02	1.50E-04	6.52E-04	2.49E-03	4.01E-03	1.00E-04	4.41E-04	1.43E-04	8.50E-01	1.44E-01	1.13E-03	2.86E-03	1.14E+00
401	372020	3757552	Commercial	4.94E+00	4.51E-03	1.05E-04	8.47E-05	1.86E-04	2.76E-04	2.13E-02	1.46E-04	6.33E-04	2.45E-03	3.97E-03	1.01E-04	4.22E-04	1.22E-04	8.37E-01	1.30E-01	1.12E-03	2.85E-03	1.19E+00
402	372002	3757140	Commercial	4.28E+00	4.46E-03	9.17E-05	6.70E-05	1.59E-04	2.65E-04	1.80E-02	1.21E-04	5.47E-04	1.95E-03	3.14E-03	8.70E-05	3.82E-04	1.37E-04	6.62E-01	1.43E-01	8.76E-04	2.38E-03	1.21E+00
403	371514	3757136	Commercial	6.21E+00	6.12E-03	1.34E-04	1.03E-04	2.38E-04	3.45E-04	2.73E-02	1.79E-04	7.83E-04	2.96E-03	4.80E-03	1.28E-04	5.28E-04	1.54E-04	1.01E+00	1.74E-01	1.35E-03	3.53E-03	1.63E+00
404	371035	3757133	Commercial	1.02E+01	9.46E-03	2.21E-04	1.79E-04	3.94E-04	5.18E-04	4.53E-02	3.00E-04	1.28E-03	5.12E-03	8.33E-03	2.13E-04	8.30E-04	1.94E-04	1.75E+00	2.28E-01	2.37E-03	5.95E-03	2.48E+00
405	371034	3757085	Commercial	1.04E+01	9.91E-03	2.27E-04	1.80E-04	4.05E-04	5.17E-04	4.64E-02	3.02E-04	1.28E-03	5.14E-03	8.37E-03	2.18E-04	8.34E-04	1.88E-04	1.75E+00	2.28E-01	2.38E-03	6.03E-03	2.62E+00
406	370764	3757087	Commercial	1.17E+01	1.06E-02	2.51E-04	2.05E-04	4.46E-04	6.04E-04	5.13E-02	3.46E-04	1.47E-03	5.88E-03	9.57E-03	2.43E-04	9.58E-04	2.34E-04	2.01E+00	2.70E-01	2.72E-03	6.81E-03	2.78E+00
407	370754	3756818	Commercial	1.74E+01	1.99E-02	3.98E-04	2.83E-04	7.17E-04	8.27E-04	8.17E-02	4.72E-04	2.05E-03	7.90E-03	1.29E-02	3.76E-04	1.35E-03	2.81E-04	2.68E+00	3.99E-01	3.69E-03	9.90E-03	5.41E+00
408	371031	3756807	Commercial	1.19E+01	1.23E-02	2.62E-04	1.98E-04	4.66E-04	6.09E-04	5.32E-02	3.36E-04	1.45E-03	5.64E-03	9.18E-03	2.50E-04	9.63E-04	2.38E-04	1.92E+00	2.88E-01	2.61E-03	6.80E-03	3.28E+00
409	371033	3756780	Commercial	1.27E+01	1.28E-02	2.79E-04	2.14E-04	4.97E-04	6.42E-04	5.68E-02	3.61E-04	1.55E-03	6.09E-03	9.92E-03	2.67E-04	1.02E-03	2.44E-04	2.08E+00	2.96E-01	2.82E-03	7.28E-03	3.41E+00
410	371483	3756770	Commercial	8.64E+00	7.66E-03	1.83E-04	1.51E-04	3.25E-04	4.70E-04	3.74E-02	2.58E-04	1.10E-03	4.35E-03	7.06E-03	1.77E-04	7.29E-04	1.99E-04	1.49E+00	2.14E-01	2.00E-03	5.01E-03	2.00E+00
411	371817	3756763	Commercial	6.66E+00	5.81E-03	1.40E-04	1.15E-04	2.47E-04	3.80E-04	2.84E-02	2.00E-04	8.64E-04	3.35E-03	5.42E-03	1.35E-04	5.77E-04	1.73E-04	1.15E+00	1.79E-01	1.53E-03	3.85E-03	1.52E+00
412	372274	3756753	Commercial	4.80E+00	4.26E-03	9.98E-05	8.09E-05	1.76E-04	2.92E-04	2.01E-02	1.44E-04	6.31E-04	2.37E-03	3.82E-03	9.63E-05	4.30E-04	1.45E-04	8.10E-01	1.46E-01	1.07E-03	2.74E-03	1.12E+00
413	372713	3756743	Commercial	3.63E+00	3.37E-03	7.53E-05	5.89E-05	1.32E-04	2.33E-04	1.50E-02	1.07E-04	4.80E-04	1.74E-03	2.79E-03	7.22E-05	3.34E-04	1.24E-04	5.92E-01	1.23E-01	7.77E-04	2.04E-03	8.93E-01
414	372703	3756553	Commercial	4.25E+00	3.92E-03	8.94E-05	7.11E-05	1.58E-04	2.53E-04	1.80E-02	1.26E-04	5.52E-04	2.07E-03	3.35E-03	8.59E-05	3.76E-04	1.23E-04	7.08E-01	1.26E-01	9.39E-04	2.42E-03	1.03E+00
415	372819	3756549	Commercial	4.00E+00	3.61E-03	8.37E-05	6.73E-05	1.47E-04	2.40E-04	1.69E-02	1.19E-04	5.23E-04	1.97E-03	3.17E-03	8.06E-05	3.55E-04	1.18E-04	6.71E-01	1.19E-01	8.90E-04	2.28E-03	9.49E-01
416	372814	3756455	Commercial	4.17E+00	3.76E-03	8.76E-05	7.07E-05	1.55E-04	2.43E-04	1.77E-02	1.24E-04	5.40E-04	2.06E-03	3.33E-03	8.44E-05	3.64E-04	1.15E-04	7.04E-01	1.18E-01	9.36E-04	2.39E-03	9.86E-01
417	372797	3756368	Commercial	4.00E+00	3.70E-03	8.47E-05	6.74E-05	1.49E-04	2.33E-04	1.71E-02	1.18E-04	5.17E-04	1.96E-03	3.17E-03	8.14E-05	3.50E-04	1.10E-04	6.69E-01	1.14E-01	8.91E-04	2.29E-03	9.76E-01
418	372705	3756372	Commercial	4.28E+00	4.06E-03	9.13E-05	7.18E-05	1.61E-04	2.47E-04	1.84E-02	1.25E-04	5.49E-04	2.08E-03	3.37E-03	8.76E-05	3.71E-04	1.15E-04	7.10E-01	1.21E-01	9.47E-04	2.45E-03	1.08E+00
419	372706	3756327	Commercial	4.00E+00	3.82E-03	8.51E-05	6.65E-05	1.50E-04	2.34E-04	1.71E-02	1.17E-04	5.14E-04	1.93E-03	3.12E-03	8.16E-05	3.49E-04	1.12E-04	6.58E-01	1.16E-01	8.76E-04	2.28E-03	1.01E+00
420	372927	3756319	Commercial	3.58E+00	3.28E-03	7.52E-05	6.01E-05	1.32E-04	2.13E-04	1.51E-02	1.06E-04	4.66E-04	1.75E-03	2.83E-03	7.24E-05	3.16E-04	1.04E-04	5.98E-01	1.06E-01	7.94E-04	2.04E-03	8.64E-01
421	372926	3756245	Commercial	3.32E+00	3.10E-03	6.94E-05	5.45E-05	1.22E-04	2.04E-04	1.39E-02	9.75E-05	4.33E-04	1.60E-03	2.57E-03	6.66E-05	2.98E-04	1.04E-04	5.44E-01	1.05E-01	7.18E-04	1.88E-03	8.21E-01
422	373457	3756236	Commercial	3.00E+00	3.13E-03	6.47E-05	4.76E-05	1.14E-04	1.82E-04	1.30E-02	8.53E-05	3.84E-04	1.38E-03	2.22E-03	6.14E-05	2.67E-04	9.17E-05	4.69E-01	9.70E-02	6.22E-04	1.68E-03	8.43E-01
423	373448	3755560	Commercial	1.49E+00	1.44E-03	2.94E-05	2.13E-05	5.33E-05	1.19E-04	6.09E-03	4.36E-05	2.11E-04	6.52E-04	1.03E-03	2.78E-05	1.58E-04	7.81E-05	2.21E-01	7.61E-02	2.78E-04	7.95E-04	3.91E-01
424	373222	3755569	Commercial	1.51E+00	1.41E-03	2.93E-05	2.16E-05	5.04E-05	1.23E-04	5.70E-03	4.44E-05	2.14E-04	6.69E-04	1.05E-03	2.78E-05	1.61E-04	8.24E-05	2.27E-01	7.68E-02	2.83E-04	8.03E-04	3.80E-01
425	373219	3755705	Commercial	1.82E+00	1.93E-03	3.72E-05	2.55E-05	6.70E-05	1.38E-04	7.61E-03	5.15E-05	2.49E-04	7.70E-04	1.22E-03	3.49E-05	1.87E-04	8.82E-05	2.61E-01	8.85E-02	3.31E-04	9.69E-04	5.29E-01
426	373135	3755704	Commercial	2.05E+00	2.59E-03	4.44E-05	2.68E-05	8.01E-05	1.48E-04	9.01E-03	5.39E-05	2.67E-04	7.90E-04	1.26E-03	4.11E-05	2.02E-04	9.20E-05	2.65E-01	9.82E-02	3.41E-04	1.07E-03	7.24E-01
427	373131	3755567	Commercial	1.54E+00	1.47E-03	2.99E-05	2.17E-05	5.42E-05	1.26E-04	6.18E-03	4.52E-05	2.19E-04	6.71E-04	1.06E-03	2.83E-05	1.66E-04	8.42E-05	2.27E-01	8.14E-02	2.84E-04	8.16E-04	3.97E-01
428	373054	3755563	Commercial	1.61E+00	1.67E-03	3.20E-05	2.19E-05	5.80E-05	1.29E-04	6.59E-03	4.57E-05	2.25E-04	6.71E-04	1.06E-03	3.01E-05	1.71E-04	8.62E-05	2.27E-01	8.53E-02	2.84E-04	8.44E-04	4.59E-01
429	373046	3755174	Commercial	1.54E+00	1.35E-03	3.02E-05	2.38E-05	5.30E-05	1.12E-04	6.05E-03	4.58E-05	2.12E-04	7.19E-04	1.14E-03	2.90E-05	1.53E-04	6.84E-05	2.45E-01	6.60E-02	3.14E-04	8.41E-04	3.57E-01
430	372725	3755177	Commercial	1.80E+00	1.53E-03	3.56E-05	2.88E-05	6.25E-05	1.25E-04	7.15E-03	5.42E-05	2.46E-04	8.65E-04	1.38E-03	3.43E-05	1.75E-04	7.33E-05	2.95E-01	7.10E-02	3.81E-04	9.98E-04	4.01E-01
431	372624	3755182	Commercial	1.88E+00	1.58E-03	3.72E-05	3.02E-05	6.53E-05	1.30E-04	7.48E-03	5.66E-05	2.56E-04	9.07E-04	1.45E-03	3.59E-05	1.81E-04	7.51E-05	3.10E-01	7.28E-02	4.00E-04	1.04E-03	4.15E-01
432	372238	3755186	Commercial	2.12E+00	1.77E-03	4.22E-05	3.46E-05	7.38E-05	1.43E-04	8.46E-03	6.41E-05	2.88E-04	1.03E-03	1.66E-03	4.08E-05	2.02E-04	8.12E-05	3.53E-01	7.84E-02	4.59E-04	1.19E-03	4.62E-01
433	371843	3755189	Commercial	2.21E+00	1.91E-03	4.41E-05	3.53E-05	7.67E-05	1.52E-04	8.75E-03	6.60E-05	2.99E-04	1.06E-03	1.69E-03	4.24E-05	2.11E-04	8.72E-05	3.61E-01	8.53E-02	4.67E-04	1.23E-03	5.03E-01
434	371463	3755192	Commercial	2.17E+00	2.52E-03	4.55E-05	2.92E-05	8.20E-05	1.53E-04	9.26E-03	5.78E-05	2.81E-04	8.64E-04	1.38E-03	4.24E-05	2.10E-04	9.36E-05	2.91E-01	1.02E-01	3.75E-04	1.13E-03	6.99E-01
435	371049	3755196	Commercial	2.37E+00	3.18E-03	5.18E-05	2.92E-05	9.28E-05	1.65E-04	1.04E-02	5.85E-05	2.94E-04	8.48E-04	1.35E-03	4.75E-05	2.25E-04	1.01E-04	2.83E-01	1.16E-01	3.67E-04	1.21E-03	8.96E-01
436	371056	3755349	Commercial	2.51E+00	3.24E-03	5.30E-05	3.00E-05	9.52E-05	1.90E-04	1.07E-02	6.31E-05	3.23E-04	8.93E-04	1.41E-03	4.85E-05	2.51E-04	1.24E-04	2.98E-01	1.36E-01	3.77E-04	1.26E-03	9.12E-01
437	371043	3755384	Commercial	2.64E+00	3.32E-03	5.55E-05	3.24E-05	9.98E-05	2.00E-04	1.12E-02	6.78E-05	3.43E-04	9.67E-04	1.53E-03	5.11E-05	2.66E-04	1.30E-04	3.24E-01	1.42E-01	4.10E-04	1.34E-03	9.31E-01
438	371042	3755556	Commercial	3.63E+00	3.69E-03	7.34E-05	5.22E-05	1.33E-04	2.60E-04	1.51E-02	1.02E-04	4.86E-04	1.56E-03	2.49E-03	6.94E-05	3.58E-04	1.60E-04	5.30E-01	1.67E-01	6.79E-04	1.93E-03	1.00E+00
439	370996	3755560	Commercial	3.68E+00	3.86E-03	7.50E-05	5.20E-05	1.36E-04	2.65E-04	1.54E-02	1.03E-04	4.90E-04	1.56E-03	2.48E-03	7.06E-05	3.63E-04	1.63E-04	5.27E-01	1.72E-01	6.76E-04	1.95E-03	1.05E+00
440	371001	3755419	Commercial	2.80E+00	3.50E-03	5.87E-05	3.44E-05	1.06E-04	2.12E-04	1.18E-02	7.19E-05	3.64E-04	1.03E-03	1.62E-03	5.40E-05	2.82E-04	1.38E-04	3.44E-01	1.50E-01	4.35E-04	1.42E-03	9.81E-01
441	370801	3755276	Commercial	3.18E+00	3.98E-03	6.92E-05	4.26E-05	1.24E-04	2.09E-04	1.39E-02	8.17E-05	3.95E-04	1.23E-03	1.97E-03	6.41E-05	2.93E-04	1.20E-04	4.14E-01	1.39E-01	5.43E-04	1.66E-03	1.11E+00
1	372249	3757612	Residence	4.13E+00	3.89E-03	8.78E-05	6.92E-05	1.55E-04	2.35E-04	1.77E-02	1.21E-04	5.27E-04	2.01E-03	3.25E-03	8.43E-05	3.55E-04	1.08E-04	6.84E-01	1.15E-01	9.14E-04	2.36E-03	1.03E+00
2	372499	3757612	Residence	3.47E+00	3.24E-03	7.35E-05	5.82E-05	1.30E-04	2.00E-04	1.49E-02	1.02E-04	4.46E-04	1.69E-03	2.73E-03	7.06E-05	3.01E-04	9.34E-05	5.77E-01	9.91E-02	7.69E-04	1.98E-03	8.55E-01
3	372249	3757862	Residence	4.70E+00	4.03E-03	9.78E-05	8.11E-05	1.72E-04	2.73E-04	1.98E-02	1.42E-04	6.13E-04	2.37E-03	3.83E-03	9.47E-05	4.11E-04	1.28E-04	8.10E-01	1.29E-01	1.08E-03	2.71E-03	1.05E+00
4	372499	3757862	Residence	4.06E+00	3.57E-03	8.50E-05	6.97E-05	1.50E-04	2.36E-04	1.72E-02	1.22E-04	5.28E-04	2.03E-03	3.28E-03	8.22E-05	3.55E-04	1.10E-04	6.94E-01	1.12E-01	9.24E-04	2.34E-03	9.33E-01
5	372249	3758112	Residence	4.03E+00	3.72E-03	8.36E-05	6.57E-05	1.46E-04	2.58E-04	1.66E-02	1.19E-04	5.33E-04	1.94E-03	3.11E-03	8.03E-05	3.70E-04	1.37E-04	6.61E-01	1.34E-01	8.67E-04	2.27E-03	9.86E-01
6	372499	3758112	Residence	4.09E+00	3.55E-03	8.46E-05	6.94E-05	1.48E-04	2.48E-04	1.70E-02	1.23E-04	5.39E-04	2.04E-03	3.28E-03	8.18E-05	3.66E-04	1.23E-04	6.96E-01	1.22E-01	9.20E-04	2.34E-03	9.26E-01

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
7	372249	3758362	Residence	3.70E+00	3.35E-03	7.57E-05	5.97E-05	1.31E-04	2.48E-04	1.49E-02	1.10E-04	4.96E-04	1.77E-03	2.84E-03	7.27E-05	3.48E-04	1.38E-04	6.04E-01	1.32E-01	7.87E-04	2.07E-03	8.88E-01
8	372499	3758362	Residence	3.41E+00	3.24E-03	7.06E-05	5.41E-05	1.22E-04	2.28E-04	1.39E-02	1.00E-04	4.54E-04	1.60E-03	2.57E-03	6.74E-05	3.20E-04	1.27E-04	5.46E-01	1.24E-01	7.12E-04	1.90E-03	8.65E-01
9	373793	3755335	Residence	1.12E+00	1.04E-03	2.14E-05	1.57E-05	3.77E-05	9.43E-05	4.28E-03	3.30E-05	1.61E-04	4.89E-04	7.67E-04	2.03E-05	1.22E-04	6.45E-05	1.66E-01	6.07E-02	2.05E-04	5.90E-04	2.80E-01
10	374093	3755335	Residence	1.09E+00	9.84E-04	2.10E-05	1.58E-05	3.71E-05	9.06E-05	4.23E-03	3.27E-05	1.58E-04	4.91E-04	7.73E-04	2.00E-05	1.19E-04	6.09E-05	1.67E-01	5.70E-02	2.08E-04	5.84E-04	2.64E-01
11	373793	3755710	Residence	1.68E+00	1.78E-03	3.46E-05	2.40E-05	6.00E-05	1.24E-04	6.76E-03	4.72E-05	2.25E-04	7.19E-04	1.14E-03	3.26E-05	1.67E-04	7.71E-05	2.43E-01	7.58E-02	3.11E-04	8.99E-04	4.87E-01
12	374093	3755710	Residence	1.62E+00	1.72E-03	3.36E-05	2.34E-05	5.84E-05	1.18E-04	6.58E-03	4.57E-05	2.17E-04	7.01E-04	1.11E-03	3.17E-05	1.60E-04	7.22E-05	2.37E-01	7.13E-02	3.05E-04	8.73E-04	4.70E-01
13	373793	3756085	Residence	3.04E+00	3.21E-03	6.61E-05	4.84E-05	1.17E-04	1.79E-04	1.33E-02	8.59E-05	3.85E-04	1.40E-03	2.26E-03	6.28E-05	2.65E-04	8.67E-05	4.74E-01	9.35E-02	6.33E-04	1.71E-03	8.68E-01
14	374093	3756085	Residence	2.51E+00	2.51E-03	5.35E-05	4.03E-05	9.40E-05	1.54E-04	1.07E-02	7.24E-05	3.25E-04	1.17E-03	1.89E-03	5.10E-05	2.25E-04	7.88E-05	3.99E-01	8.13E-02	5.29E-04	1.41E-03	6.74E-01
15	373793	3756460	Residence	2.80E+00	2.48E-03	5.83E-05	4.73E-05	1.02E-04	1.69E-04	1.17E-02	8.38E-05	3.67E-04	1.39E-03	2.24E-03	5.62E-05	2.49E-04	8.30E-05	4.74E-01	8.30E-02	6.27E-04	1.60E-03	6.49E-01
16	374093	3756460	Residence	2.58E+00	2.33E-03	5.40E-05	4.34E-05	9.47E-05	1.55E-04	1.08E-02	7.68E-05	3.37E-04	1.27E-03	2.05E-03	5.20E-05	2.29E-04	7.63E-05	4.33E-01	7.68E-02	5.74E-04	1.47E-03	6.12E-01
17	373793	3756835	Residence	2.40E+00	2.27E-03	4.95E-05	3.80E-05	8.63E-05	1.62E-04	9.82E-03	7.06E-05	3.21E-04	1.13E-03	1.80E-03	4.73E-05	2.27E-04	9.13E-05	3.84E-01	8.89E-02	4.99E-04	1.34E-03	6.05E-01
18	374093	3756835	Residence	2.13E+00	2.05E-03	4.39E-05	3.32E-05	7.66E-05	1.46E-04	8.70E-03	6.23E-05	2.86E-04	9.87E-04	1.58E-03	4.19E-05	2.04E-04	8.41E-05	3.36E-01	8.18E-02	4.36E-04	1.18E-03	5.50E-01
19	373793	3757210	Residence	2.95E+00	2.49E-03	6.06E-05	5.03E-05	1.06E-04	1.83E-04	1.22E-02	8.96E-05	3.93E-04	1.48E-03	2.39E-03	5.86E-05	2.68E-04	9.29E-05	5.06E-01	9.00E-02	6.67E-04	1.69E-03	6.48E-01
20	374093	3757210	Residence	2.71E+00	2.29E-03	5.56E-05	4.61E-05	9.74E-05	1.70E-04	1.12E-02	8.25E-05	3.63E-04	1.36E-03	2.19E-03	5.38E-05	2.47E-04	8.71E-05	4.65E-01	8.40E-02	6.12E-04	1.55E-03	5.95E-01
21	373793	3757585	Residence	2.13E+00	2.18E-03	4.48E-05	3.27E-05	7.73E-05	1.43E-04	8.73E-03	6.08E-05	2.80E-04	9.65E-04	1.54E-03	4.25E-05	1.99E-04	8.02E-05	3.28E-01	7.95E-02	4.28E-04	1.18E-03	5.90E-01
22	374093	3757585	Residence	2.15E+00	2.08E-03	4.48E-05	3.40E-05	7.76E-05	1.41E-04	8.81E-03	6.26E-05	2.84E-04	1.00E-03	1.61E-03	4.28E-05	2.00E-04	7.76E-05	3.42E-01	7.62E-02	4.47E-04	1.20E-03	5.58E-01
23	373793	3757960	Residence	1.86E+00	1.75E-03	3.86E-05	2.99E-05	6.68E-05	1.18E-04	7.60E-03	5.43E-05	2.43E-04	8.80E-04	1.41E-03	3.70E-05	1.69E-04	6.30E-05	3.00E-01	6.28E-02	3.94E-04	1.04E-03	4.66E-01
24	374093	3757960	Residence	1.58E+00	1.68E-03	3.33E-05	2.36E-05	5.72E-05	1.08E-04	6.44E-03	4.44E-05	2.07E-04	6.96E-04	1.11E-03	3.15E-05	1.49E-04	6.20E-05	2.36E-01	6.21E-02	3.07E-04	8.62E-04	4.57E-01
25	373793	3758335	Residence	2.21E+00	2.05E-03	4.62E-05	3.64E-05	8.12E-05	1.37E-04	9.27E-03	6.52E-05	2.90E-04	1.07E-03	1.72E-03	4.43E-05	1.99E-04	6.99E-05	3.64E-01	7.03E-02	4.80E-04	1.25E-03	5.43E-01
26	374093	3758335	Residence	1.95E+00	1.76E-03	4.06E-05	3.26E-05	7.15E-05	1.19E-04	8.19E-03	5.80E-05	2.56E-04	9.54E-04	1.54E-03	3.91E-05	1.75E-04	5.97E-05	3.26E-01	6.03E-02	4.30E-04	1.11E-03	4.63E-01
27	373793	3758710	Residence	2.68E+00	2.28E-03	5.51E-05	4.56E-05	9.67E-05	1.66E-04	1.11E-02	8.13E-05	3.57E-04	1.34E-03	2.16E-03	5.33E-05	2.43E-04	8.42E-05	4.59E-01	8.18E-02	6.05E-04	1.54E-03	5.95E-01
28	374093	3758710	Residence	2.31E+00	2.03E-03	4.78E-05	3.88E-05	8.39E-05	1.44E-04	9.60E-03	6.95E-05	3.07E-04	1.14E-03	1.84E-03	4.61E-05	2.10E-04	7.39E-05	3.90E-01	7.24E-02	5.14E-04	1.32E-03	5.33E-01
30	367278	3755614	Residence	1.05E+01	8.56E-03	1.78E-04	1.32E-04	3.03E-04	1.19E-03	3.41E-02	3.32E-04	1.73E-03	4.51E-03	6.84E-03	1.69E-04	1.41E-03	9.37E-04	1.53E+00	7.94E-01	1.73E-03	5.32E-03	2.31E+00
31	367231	3755722	Residence	1.09E+01	9.05E-03	1.82E-04	1.30E-04	3.07E-04	1.28E-03	3.44E-02	3.41E-04	1.81E-03	4.52E-03	6.81E-03	1.72E-04	1.50E-03	1.03E-03	1.53E+00	8.68E-01	1.69E-03	5.41E-03	2.46E+00
32	367185	3755830	Residence	1.14E+01	9.07E-03	1.85E-04	1.35E-04	3.15E-04	1.38E-03	3.54E-02	3.62E-04	1.94E-03	4.76E-03	7.13E-03	1.75E-04	1.61E-03	1.12E-03	1.61E+00	9.44E-01	1.76E-03	5.63E-03	2.45E+00
33	367138	3755938	Residence	1.17E+01	9.41E-03	1.94E-04	1.42E-04	3.29E-04	1.37E-03	3.71E-02	3.71E-04	1.96E-03	4.94E-03	7.45E-03	1.84E-04	1.61E-03	1.10E-03	1.67E+00	9.29E-01	1.86E-03	5.84E-03	2.54E+00
34	367091	3756047	Residence	1.05E+01	8.87E-03	1.85E-04	1.36E-04	3.13E-04	1.10E-03	3.52E-02	3.25E-04	1.66E-03	4.54E-03	6.95E-03	1.75E-04	1.33E-03	8.40E-04	1.54E+00	7.19E-01	1.79E-03	5.38E-03	2.39E+00
35	367048	3756147	Residence	9.69E+00	8.24E-03	1.67E-04	1.21E-04	2.83E-04	1.08E-03	3.18E-02	3.02E-04	1.58E-03	4.10E-03	6.23E-03	1.58E-04	1.28E-03	8.45E-04	1.39E+00	7.20E-01	1.57E-03	4.90E-03	2.23E+00
36	367005	3756247	Residence	9.70E+00	7.58E-03	1.62E-04	1.23E-04	2.75E-04	1.10E-03	3.11E-02	3.09E-04	1.61E-03	4.21E-03	6.39E-03	1.55E-04	1.31E-03	8.72E-04	1.43E+00	7.35E-01	1.61E-03	4.91E-03	2.03E+00
37	366962	3756348	Residence	9.41E+00	6.76E-03	1.49E-04	1.15E-04	2.53E-04	1.15E-03	2.86E-02	3.07E-04	1.63E-03	4.07E-03	6.11E-03	1.42E-04	1.34E-03	9.41E-04	1.38E+00	7.85E-01	1.51E-03	4.69E-03	1.80E+00
38	366918	3756450	Residence	8.67E+00	6.17E-03	1.33E-04	1.00E-04	2.24E-04	1.12E-03	2.53E-02	2.85E-04	1.54E-03	3.67E-03	5.45E-03	1.26E-04	1.29E-03	9.34E-04	1.24E+00	7.77E-01	1.32E-03	4.24E-03	1.65E+00
39	366874	3756551	Residence	8.43E+00	5.77E-03	1.31E-04	1.04E-04	2.23E-04	1.04E-03	2.53E-02	2.78E-04	1.47E-03	3.70E-03	5.56E-03	1.26E-04	1.21E-03	8.50E-04	1.26E+00	7.05E-01	1.37E-03	4.21E-03	1.52E+00
40	366830	3756653	Residence	7.80E+00	5.40E-03	1.26E-04	1.01E-04	2.14E-04	9.06E-04	2.43E-02	2.56E-04	1.32E-03	3.51E-03	5.31E-03	1.21E-04	1.07E-03	7.22E-04	1.19E+00	6.02E-01	1.34E-03	3.97E-03	1.42E+00
41	366840	3756685	Residence	7.57E+00	5.33E-03	1.24E-04	9.96E-05	2.10E-04	8.58E-04	2.39E-02	2.47E-04	1.27E-03	3.42E-03	5.20E-03	1.19E-04	1.02E-03	6.77E-04	1.16E+00	5.65E-01	1.32E-03	3.88E-03	1.40E+00
42	366890	3756714	Residence	7.34E+00	5.32E-03	1.23E-04	9.87E-05	2.09E-04	7.99E-04	2.37E-02	2.37E-04	1.21E-03	3.33E-03	5.09E-03	1.18E-04	9.61E-04	6.20E-04	1.13E+00	5.20E-01	1.31E-03	3.79E-03	1.40E+00
43	366879	3756683	Residence	7.63E+00	5.39E-03	1.25E-04	1.01E-04	2.13E-04	8.57E-04	2.42E-02	2.49E-04	1.27E-03	3.45E-03	5.26E-03	1.21E-04	1.02E-03	6.73E-04	1.17E+00	5.63E-01	1.34E-03	3.92E-03	1.42E+00
44	366852	3756751	Residence	6.93E+00	5.15E-03	1.18E-04	9.36E-05	1.99E-04	7.42E-04	2.26E-02	2.23E-04	1.13E-03	3.14E-03	4.81E-03	1.13E-04	8.95E-04	5.71E-04	1.07E+00	4.81E-01	1.24E-03	3.59E-03	1.36E+00
45	366884	3756737	Residence	7.09E+00	5.24E-03	1.20E-04	9.61E-05	2.04E-04	7.58E-04	2.31E-02	2.28E-04	1.15E-03	3.22E-03	4.94E-03	1.16E-04	9.16E-04	5.83E-04	1.10E+00	4.91E-01	1.27E-03	3.68E-03	1.38E+00
46	366821	3756715	Residence	7.27E+00	5.21E-03	1.20E-04	9.65E-05	2.04E-04	8.10E-04	2.32E-02	2.36E-04	1.21E-03	3.29E-03	5.01E-03	1.16E-04	9.68E-04	6.35E-04	1.12E+00	5.31E-01	1.28E-03	3.74E-03	1.37E+00
47	366790	3756728	Residence	7.12E+00	5.12E-03	1.18E-04	9.44E-05	2.00E-04	7.93E-04	2.27E-02	2.31E-04	1.18E-03	3.21E-03	4.90E-03	1.14E-04	9.48E-04	6.21E-04	1.09E+00	5.21E-01	1.25E-03	3.66E-03	1.35E+00
48	366745	3756823	Residence	6.14E+00	4.76E-03	1.06E-04	8.21E-05	1.78E-04	6.51E-04	2.01E-02	1.95E-04	9.89E-04	2.74E-03	4.20E-03	1.01E-04	7.86E-04	5.00E-04	9.32E-01	4.23E-01	1.08E-03	3.17E-03	1.27E+00
49	366700	3756919	Residence	5.12E+00	4.37E-03	9.14E-05	6.78E-05	1.53E-04	5.21E-04	1.72E-02	1.58E-04	8.00E-04	2.23E-03	3.43E-03	8.69E-05	6.33E-04	3.92E-04	7.57E-01	3.37E-01	8.89E-04	2.64E-03	1.18E+00
50	366655	3757014	Residence	4.80E+00	4.06E-03	8.78E-05	6.70E-05	1.48E-04	4.54E-04	1.67E-02	1.48E-04	7.31E-04	2.16E-03	3.35E-03	8.39E-05	5.65E-04	3.29E-04	7.33E-01	2.85E-01	8.81E-04	2.53E-03	1.08E+00
51	366608	3757113	Residence	4.61E+00	3.85E-03	8.32E-05	6.34E-05	1.40E-04	4.51E-04	1.57E-02	1.43E-04	7.12E-04	2.06E-03	3.19E-03	7.94E-05	5.56E-04	3.33E-04	7.00E-01	2.86E-01	8.34E-04	2.41E-03	1.03E+00
52	366561	3757212	Residence	4.63E+00	3.87E-03	8.37E-05	6.39E-05	1.40E-04	4.51E-04	1.58E-02	1.43E-04	7.14E-04	2.07E-03	3.20E-03	7.99E-05	5.56E-04	3.32E-04	7.04E-01	2.85E-01	8.39E-04	2.43E-03	1.03E+00
53	366514	3757311	Residence	4.72E+00	3.93E-03	8.59E-05	6.61E-05	1.44E-04	4.50E-04	1.63E-02	1.46E-04	7.23E-04	2.13E-03	3.31E-03	8.22E-05	5.59E-04	3.28E-04	7.25E-01	2.82E-01	8.70E-04	2.49E-03	1.05E+00
54	366464	3757416	Residence	4.84E+00	4.02E-03	8.91E-05	6.92E-05	1.50E-04	4.48E-04	1.70E-02	1.50E-04	7.33E-04	2.21E-03	3.44E-03	8.53E-05	5.62E-04	3.20E-04	7.53E-01	2.76E-01	9.12E-04	2.58E-03	1.07E+00
55	366415	3757520	Residence	5.06E+00	4.16E-03	9.44E-05	7.47E-05	1.61E-04	4.47E-04	1.82E-02	1.57E-04	7.56E-04	2.36E-03	3.69E-03	9.07E-05	5.70E-04	3.10E-04	8.03E-01	2.69E-01	9.86E-04	2.73E-03	1.10E+00
56	366434	3757556	Residence	5.21E+00	4.28E-03	9.76E-05	7.75E-05	1.66E-04	4.56E-04	1.89E-02	1.62E-04	7.77E-04	2.44E-03	3.82E-03	9.38E-05	5.85E-04	3.15E-04	8.31E-01	2.74E-01	1.02E-03	2.82E-03	1.13E+00
57	366484	3757562	Residence	5.37E+00	4.40E-03	1.00E-04	7.98E-05	1.71E-04	4.71E-04	1.95E-02	1.67E-04	8.02E-04	2.51E-03	3.94E-03	9.65E-05	6.03E-04	3.25E-04	8.57E-01	2.83E-01	1.05E-03	2.90E-03	1.16E+00
58	366567	3757525	Residence	5.54E+00	4.47E-03	1.03E-04	8.18E-05	1.75E-04	4.94E-04	1.99E-02	1.73E-04	8.32E-04	2.59E-03	4.05E-03	9.86E-05	6.29E-04	3.45E-04	8.82E-01	2.99E-01	1.08E-03	2.98E-03	1.18E+00
59	366621	3757539	Residence	5.71E+00	4.63E-03	1.06E-04	8.46E-05	1.81E-04	5.07E-04	2.06E-02	1.78E-04	8.57E-04	2.67E-03	4.19E-03	1.02E-04	6.47E-04	3.53E-04	9.11E-01	3.06E-01	1.12E-03	3.08E-03	1.22E+00
60	366646	3757556	Residence	5.81E+00	4.75E-03	1.08E-04	8.61E-05	1.85E-04	5.11E-04	2.11E-02	1.81E-04	8.68E-04	2.72E-03	4.25E-03	1.04E-04	6.54E-04	3.53E-04	9.25E-01	3.08E-01	1.14E-03	3.13E-03	1.25E+00
61	366713	3757550	Residence	5.97E+00	4.90E-03	1.12E-04	8.86E-05	1.91E-04	5.23E-04	2.17E-02	1.85E-04	8.90E-04	2.79E-03	4.37E-03	1.07E-04	6.71E-04	3.61E-04	9.50E-01	3.15E-01	1.17E-03	3.22E-03	1.29E+00
62	366779	3757545	Residence	6.12E+00	5.07E-03	1.15E-04	9.10E-05	1.97E-04	5.33E-04	2.24E-02	1.90E-04	9.10E-04	2.86E-03	4.49E-03	1.10E-04	6.85E-04	3.66E-04	9.74E-01	3.20E-01	1.20E-03	3.31E-03	1.34E+00
63	366839	3757583	Residence	6.25E+00	5.45E-03	1.20E-04	9.28E-05	2.06E-04	5.25E-04	2.34E-02	1.91E-04	9.12E-04	2.89E-03	4.54E-03	1.15E-04	6.82E-04	3.54E-04	9.82E-01	3.14E-01	1.22E-03	3.39E-03	1.45E+00
64	366913	3757623	Residence	6.43E+00	6.07E-03	1.26E-04	9.34E-05	2.18E-04	5.29E-04	2.46E-02	1.91E-04	9.20E-04	2.88E-03	4.54E-03	1.20E-04	6.90E-04	3.52E-04	9.79E-01	3.20E-01	1.22E-03	3.46E-03	1.63E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
65	366986	3757664	Residence	6.97E+00	6.99E-03	1.38E-04	9.69E-05	2.39E-04	5.88E-04	2.70E-02	2.03E-04	9.97E-04	3.00E-03	4.71E-03	1.30E-04	7.60E-04	4.00E-04	1.02E+00	3.67E-01	1.26E-03	3.70E-03	1.91E+00
66	367074	3757713	Residence	8.48E+00	8.71E-03	1.71E-04	1.20E-04	3.01E-04	6.79E-04	3.40E-02	2.45E-04	1.19E-03	3.67E-03	5.79E-03	1.61E-04	8.96E-04	4.45E-04	1.24E+00	4.18E-01	1.56E-03	4.54E-03	2.37E+00
67	367162	3757761	Residence	9.77E+00	1.03E-02	2.01E-04	1.40E-04	3.57E-04	7.42E-04	4.04E-02	2.79E-04	1.34E-03	4.22E-03	6.70E-03	1.90E-04	9.99E-04	4.68E-04	1.43E+00	4.51E-01	1.82E-03	5.27E-03	2.82E+00
68	367300	3757718	Residence	1.35E+01	1.59E-02	2.94E-04	1.94E-04	5.25E-04	9.00E-04	5.93E-02	3.67E-04	1.74E-03	5.66E-03	9.07E-03	2.75E-04	1.27E-03	5.10E-04	1.91E+00	5.32E-01	2.50E-03	7.32E-03	4.38E+00
69	367385	3757734	Residence	1.33E+01	1.66E-02	2.96E-04	1.88E-04	5.29E-04	8.75E-04	5.96E-02	3.55E-04	1.69E-03	5.44E-03	8.72E-03	2.76E-04	1.24E-03	4.89E-04	1.83E+00	5.25E-01	2.41E-03	7.21E-03	4.60E+00
70	367398	3757758	Residence	1.08E+01	1.36E-02	2.37E-04	1.47E-04	4.22E-04	7.68E-04	4.74E-02	2.88E-04	1.41E-03	4.30E-03	6.85E-03	2.20E-04	1.05E-03	4.62E-04	1.45E+00	4.79E-01	1.87E-03	5.77E-03	3.78E+00
71	367506	3757818	Residence	8.24E+00	1.02E-02	1.78E-04	1.10E-04	3.21E-04	6.04E-04	3.62E-02	2.21E-04	1.09E-03	3.26E-03	5.17E-03	1.65E-04	8.23E-04	3.76E-04	1.09E+00	3.88E-01	1.40E-03	4.36E-03	2.83E+00
72	367533	3757826	Residence	6.39E+00	8.03E-03	1.34E-04	7.82E-05	2.41E-04	5.30E-04	2.70E-02	1.70E-04	8.75E-04	2.38E-03	3.73E-03	1.23E-04	6.89E-04	3.62E-04	7.96E-01	3.60E-01	9.88E-04	3.27E-03	2.25E+00
73	367561	3757814	Residence	6.27E+00	7.47E-03	1.28E-04	7.76E-05	2.33E-04	5.36E-04	2.63E-02	1.71E-04	8.80E-04	2.39E-03	3.74E-03	1.19E-04	6.94E-04	3.73E-04	8.03E-01	3.66E-01	9.87E-04	3.21E-03	2.09E+00
78	367786	3757842	Residence	4.75E+00	4.44E-03	8.41E-05	5.69E-05	1.53E-04	5.08E-04	1.73E-02	1.43E-04	7.56E-04	1.91E-03	2.92E-03	7.89E-05	6.18E-04	3.96E-04	6.46E-01	3.55E-01	7.37E-04	2.37E-03	1.22E+00
79	367782	3757935	Residence	4.08E+00	3.24E-03	6.77E-05	5.03E-05	1.22E-04	4.62E-04	1.39E-02	1.29E-04	6.77E-04	1.73E-03	2.63E-03	6.44E-05	5.53E-04	3.67E-04	5.87E-01	3.20E-01	6.59E-04	2.04E-03	8.71E-01
80	367752	3757969	Residence	4.02E+00	3.18E-03	6.69E-05	4.99E-05	1.19E-04	4.53E-04	1.36E-02	1.27E-04	6.66E-04	1.71E-03	2.60E-03	6.37E-05	5.43E-04	3.59E-04	5.80E-01	3.12E-01	6.53E-04	2.02E-03	8.56E-01
81	367775	3758021	Residence	4.25E+00	3.29E-03	7.26E-05	5.62E-05	1.22E-04	4.51E-04	1.38E-02	1.34E-04	6.82E-04	1.88E-03	2.88E-03	6.95E-05	5.43E-04	3.47E-04	6.39E-01	2.96E-01	7.40E-04	2.18E-03	8.77E-01
82	367808	3758034	Residence	4.42E+00	3.39E-03	7.66E-05	6.04E-05	1.28E-04	4.53E-04	1.44E-02	1.40E-04	7.00E-04	2.00E-03	3.07E-03	7.35E-05	5.50E-04	3.42E-04	6.79E-01	2.91E-01	7.97E-04	2.30E-03	8.98E-01
83	367866	3758009	Residence	4.62E+00	3.54E-03	8.11E-05	6.47E-05	1.36E-04	4.59E-04	1.53E-02	1.46E-04	7.23E-04	2.12E-03	3.27E-03	7.80E-05	5.63E-04	3.40E-04	7.20E-01	2.90E-01	8.55E-04	2.42E-03	9.34E-01
84	367924	3757985	Residence	4.82E+00	3.70E-03	8.59E-05	6.91E-05	1.44E-04	4.60E-04	1.63E-02	1.52E-04	7.43E-04	2.24E-03	3.47E-03	8.27E-05	5.71E-04	3.34E-04	7.62E-01	2.86E-01	9.15E-04	2.55E-03	9.72E-01
85	367938	3757954	Residence	4.83E+00	3.73E-03	8.59E-05	6.88E-05	1.44E-04	4.63E-04	1.63E-02	1.52E-04	7.45E-04	2.23E-03	3.45E-03	8.27E-05	5.74E-04	3.38E-04	7.59E-01	2.89E-01	9.09E-04	2.55E-03	9.82E-01
86	367928	3757923	Residence	4.72E+00	3.69E-03	8.32E-05	6.56E-05	1.40E-04	4.68E-04	1.59E-02	1.48E-04	7.39E-04	2.14E-03	3.31E-03	7.98E-05	5.76E-04	3.48E-04	7.30E-01	2.99E-01	8.65E-04	2.47E-03	9.76E-01
87	367915	3757953	Residence	4.73E+00	3.66E-03	8.33E-05	6.62E-05	1.40E-04	4.65E-04	1.58E-02	1.49E-04	7.36E-04	2.16E-03	3.34E-03	8.01E-05	5.72E-04	3.44E-04	7.35E-01	2.95E-01	8.74E-04	2.48E-03	9.66E-01
88	368017	3757908	Residence	5.06E+00	3.96E-03	9.23E-05	7.45E-05	1.55E-04	4.58E-04	1.75E-02	1.58E-04	7.64E-04	2.37E-03	3.70E-03	8.90E-05	5.78E-04	3.23E-04	8.09E-01	2.79E-01	9.87E-04	2.71E-03	1.04E+00
89	368119	3757863	Residence	5.38E+00	4.28E-03	1.02E-04	8.33E-05	1.71E-04	4.38E-04	1.95E-02	1.67E-04	7.80E-04	2.58E-03	4.07E-03	9.83E-05	5.73E-04	2.88E-04	8.82E-01	2.53E-01	1.10E-03	2.95E-03	1.12E+00
90	368180	3757839	Residence	5.56E+00	4.48E-03	1.08E-04	8.87E-05	1.82E-04	4.21E-04	2.07E-02	1.71E-04	7.85E-04	2.71E-03	4.30E-03	1.04E-04	5.64E-04	2.62E-04	9.26E-01	2.33E-01	1.18E-03	3.08E-03	1.17E+00
91	368242	3757814	Residence	5.73E+00	4.69E-03	1.14E-04	9.41E-05	1.92E-04	4.01E-04	2.19E-02	1.75E-04	7.88E-04	2.83E-03	4.52E-03	1.10E-04	5.53E-04	2.32E-04	9.67E-01	2.11E-01	1.25E-03	3.22E-03	1.22E+00
92	368318	3757785	Residence	5.91E+00	4.95E-03	1.21E-04	1.00E-04	2.05E-04	3.74E-04	2.33E-02	1.79E-04	7.87E-04	2.97E-03	4.76E-03	1.17E-04	5.37E-04	1.95E-04	1.01E+00	1.83E-01	1.33E-03	3.37E-03	1.29E+00
93	368407	3757788	Residence	6.11E+00	5.17E-03	1.26E-04	1.04E-04	2.14E-04	3.72E-04	2.45E-02	1.84E-04	8.03E-04	3.07E-03	4.95E-03	1.22E-04	5.42E-04	1.85E-04	1.05E+00	1.77E-01	1.39E-03	3.50E-03	1.34E+00
94	368505	3757789	Residence	6.15E+00	5.32E-03	1.27E-04	1.04E-04	2.17E-04	3.81E-04	2.47E-02	1.85E-04	8.11E-04	3.06E-03	4.91E-03	1.22E-04	5.52E-04	1.94E-04	1.04E+00	1.88E-01	1.38E-03	3.51E-03	1.39E+00
95	368603	3757790	Residence	5.93E+00	5.36E-03	1.22E-04	9.75E-05	2.10E-04	3.75E-04	2.39E-02	1.76E-04	7.80E-04	2.87E-03	4.61E-03	1.18E-04	5.38E-04	1.97E-04	9.80E-01	1.93E-01	1.29E-03	3.35E-03	1.41E+00
96	368628	3757765	Residence	6.05E+00	5.48E-03	1.25E-04	9.92E-05	2.14E-04	3.83E-04	2.44E-02	1.79E-04	7.94E-04	2.92E-03	4.69E-03	1.20E-04	5.48E-04	2.01E-04	9.97E-01	1.97E-01	1.31E-03	3.41E-03	1.45E+00
97	368676	3757781	Residence	5.77E+00	5.60E-03	1.21E-04	9.19E-05	2.05E-04	3.69E-04	2.31E-02	1.67E-04	7.49E-04	2.70E-03	4.33E-03	1.15E-04	5.22E-04	1.97E-04	9.19E-01	1.95E-01	1.21E-03	3.22E-03	1.50E+00
98	368759	3757821	Residence	6.46E+00	6.00E-03	1.36E-04	1.07E-04	2.27E-04	3.88E-04	2.56E-02	1.89E-04	8.27E-04	3.13E-03	5.04E-03	1.30E-04	5.61E-04	1.91E-04	1.07E+00	1.87E-01	1.42E-03	3.66E-03	1.59E+00
99	368839	3757872	Residence	7.30E+00	6.27E-03	1.53E-04	1.28E-04	2.61E-04	4.11E-04	2.97E-02	2.19E-04	9.36E-04	3.71E-03	6.00E-03	1.48E-04	6.18E-04	1.83E-04	1.27E+00	1.82E-01	1.69E-03	4.23E-03	1.63E+00
100	368921	3757924	Residence	7.56E+00	6.30E-03	1.59E-04	1.35E-04	2.74E-04	4.10E-04	3.14E-02	2.29E-04	9.68E-04	3.90E-03	6.33E-03	1.54E-04	6.32E-04	1.72E-04	1.34E+00	1.75E-01	1.79E-03	4.41E-03	1.62E+00
101	369004	3757976	Residence	7.04E+00	6.06E-03	1.49E-04	1.24E-04	2.59E-04	3.81E-04	2.97E-02	2.12E-04	8.99E-04	3.60E-03	5.84E-03	1.44E-04	5.89E-04	1.59E-04	1.23E+00	1.66E-01	1.65E-03	4.10E-03	1.57E+00
102	369038	3757969	Residence	6.87E+00	6.04E-03	1.46E-04	1.21E-04	2.55E-04	3.71E-04	2.92E-02	2.05E-04	8.74E-04	3.48E-03	5.65E-03	1.41E-04	5.74E-04	1.55E-04	1.19E+00	1.64E-01	1.60E-03	3.99E-03	1.57E+00
103	369101	3757878	Residence	7.24E+00	6.42E-03	1.53E-04	1.25E-04	2.67E-04	4.06E-04	3.06E-02	2.16E-04	9.29E-04	3.63E-03	5.87E-03	1.47E-04	6.17E-04	1.81E-04	1.24E+00	1.88E-01	1.66E-03	4.18E-03	1.68E+00
104	369067	3757885	Residence	7.41E+00	6.45E-03	1.57E-04	1.30E-04	2.73E-04	4.05E-04	3.13E-02	2.22E-04	9.47E-04	3.76E-03	6.10E-03	1.52E-04	6.23E-04	1.72E-04	1.29E+00	1.80E-01	1.73E-03	4.30E-03	1.68E+00
105	369139	3757930	Residence	6.36E+00	5.97E-03	1.35E-04	1.06E-04	2.36E-04	3.67E-04	2.70E-02	1.86E-04	8.14E-04	3.09E-03	4.99E-03	1.29E-04	5.50E-04	1.72E-04	1.05E+00	1.81E-01	1.40E-03	3.62E-03	1.58E+00
106	369211	3757974	Residence	5.76E+00	5.49E-03	1.21E-04	9.41E-05	2.14E-04	3.47E-04	2.44E-02	1.68E-04	7.44E-04	2.74E-03	4.43E-03	1.16E-04	5.11E-04	1.73E-04	9.35E-01	1.81E-01	1.24E-03	3.25E-03	1.46E+00
107	369243	3757968	Residence	6.07E+00	5.46E-03	1.26E-04	1.01E-04	2.24E-04	3.66E-04	2.57E-02	1.80E-04	7.93E-04	2.97E-03	4.79E-03	1.22E-04	5.41E-04	1.81E-04	1.01E+00	1.87E-01	1.34E-03	3.45E-03	1.44E+00
108	369305	3757894	Residence	6.84E+00	5.70E-03	1.40E-04	1.16E-04	2.49E-04	4.21E-04	2.87E-02	2.08E-04	9.12E-04	3.43E-03	5.53E-03	1.35E-04	6.21E-04	2.13E-04	1.17E+00	2.14E-01	1.55E-03	3.91E-03	1.48E+00
109	369366	3757820	Residence	7.61E+00	6.06E-03	1.53E-04	1.31E-04	2.73E-04	4.76E-04	3.15E-02	2.34E-04	1.03E-03	3.87E-03	6.23E-03	1.49E-04	6.98E-04	2.45E-04	1.33E+00	2.40E-01	1.74E-03	4.36E-03	1.56E+00
110	369436	3757794	Residence	7.94E+00	6.19E-03	1.59E-04	1.37E-04	2.80E-04	5.01E-04	3.23E-02	2.46E-04	1.07E-03	4.06E-03	6.53E-03	1.55E-04	7.31E-04	2.60E-04	1.39E+00	2.51E-01	1.82E-03	4.55E-03	1.58E+00
111	369435	3757760	Residence	8.18E+00	6.38E-03	1.64E-04	1.41E-04	2.89E-04	5.18E-04	3.33E-02	2.53E-04	1.11E-03	4.18E-03	6.72E-03	1.59E-04	7.54E-04	2.70E-04	1.43E+00	2.60E-01	1.88E-03	4.69E-03	1.63E+00
112	369251	3758017	Residence	5.97E+00	5.22E-03	1.24E-04	1.01E-04	2.20E-04	3.53E-04	2.53E-02	1.79E-04	7.80E-04	2.96E-03	4.79E-03	1.20E-04	5.28E-04	1.70E-04	1.01E+00	1.76E-01	1.34E-03	3.41E-03	1.36E+00
113	369344	3758083	Residence	6.24E+00	5.00E-03	1.28E-04	1.10E-04	2.25E-04	3.65E-04	2.60E-02	1.91E-04	8.23E-04	3.21E-03	5.19E-03	1.24E-04	5.49E-04	1.71E-04	1.10E+00	1.71E-01	1.46E-03	3.61E-03	1.28E+00
114	369437	3758148	Residence	5.90E+00	4.73E-03	1.20E-04	1.03E-04	2.11E-04	3.51E-04	2.43E-02	1.81E-04	7.80E-04	3.02E-03	4.88E-03	1.17E-04	5.23E-04	1.70E-04	1.03E+00	1.68E-01	1.37E-03	3.40E-03	1.22E+00
115	369429	3758218	Residence	5.61E+00	4.54E-03	1.15E-04	9.81E-05	2.02E-04	3.28E-04	2.33E-02	1.71E-04	7.37E-04	2.88E-03	4.65E-03	1.12E-04	4.92E-04	1.54E-04	9.85E-01	1.54E-01	1.31E-03	3.24E-03	1.17E+00
116	369432	3758306	Residence	5.23E+00	4.30E-03	1.08E-04	9.16E-05	1.90E-04	3.00E-04	2.18E-02	1.59E-04	6.82E-04	2.68E-03	4.33E-03	1.05E-04	4.53E-04	1.37E-04	9.16E-01	1.39E-01	1.22E-03	3.03E-03	1.11E+00
117	369435	3758395	Residence	4.89E+00	4.10E-03	1.02E-04	8.56E-05	1.79E-04	2.75E-04	2.06E-02	1.48E-04	6.32E-04	2.49E-03	4.03E-03	9.87E-05	4.19E-04	1.22E-04	8.52E-01	1.26E-01	1.14E-03	2.83E-03	1.06E+00
118	369460	3758419	Residence	4.70E+00	4.03E-03	9.80E-05	8.14E-05	1.72E-04	2.67E-04	1.98E-02	1.41E-04	6.08E-04	2.37E-03	3.84E-03	9.49E-05	4.05E-04	1.21E-04	8.11E-01	1.26E-01	1.08E-03	2.71E-03	1.05E+00
119	369558	3758419	Residence	4.18E+00	3.92E-03	8.73E-05	6.81E-05	1.54E-04	2.57E-04	1.76E-02	1.22E-04	5.44E-04	1.99E-03	3.21E-03	8.36E-05	3.76E-04	1.31E-04	6.79E-01	1.36E-01	8.97E-04	2.35E-03	1.04E+00
120	369657	3758419	Residence	3.66E+00	3.88E-03	7.68E-05	5.42E-05	1.36E-04	2.45E-04	1.54E-02	1.02E-04	4.77E-04	1.60E-03	2.56E-03	7.25E-05	3.44E-04	1.40E-04	5.41E-01	1.47E-01	7.05E-04	1.99E-03	1.06E+00
121	369755	3758419	Residence	3.38E+00	3.97E-03	7.15E-05	4.58E-05	1.27E-04	2.42E-04	1.44E-02	9.07E-05	4.41E-04	1.36E-03	2.16E-03	6.66E-05	3.30E-04	1.49E-04	4.57E-01	1.57E-01	5.88E-04	1.78E-03	1.10E+00
122	369853	3758419	Residence	3.36E+00	4.12E-03	7.14E-05	4.36E-05	1.28E-04	2.48E-04	1.44E-02	8.86E-05	4.39E-04	1.30E-03	2.05E-03	6.60E-05	3.34E-04	1.57E-04	4.35E-01	1.66E-01	5.56E-04	1.74E-03	1.15E+00
123	369878	3758394	Residence	3.44E+00	4.24E-03	7.29E-05	4.42E-05	1.31E-04	2.55E-04	1.47E-02	9.02E-05	4.49E-04	1.31E-03	2.08E-03	6.74E-05	3.43E-04	1.62E-04	4.40E-01	1.72E-01	5.62E-04	1.78E-03	1.18E+00
124	369877	3758289	Residence	3.81E+00	4.74E-03	8.11E-05	4.89E-05	1.46E-04	2.82E-04	1.64E-02	9.97E-05	4.97E-04	1.45E-03	2.30E-03	7.50E-05	3.80E-04	1.79E-04	4.87E-01	1.90E-01	6.22E-04	1.97E-03	1.32E+00
125	369876	3758183	Residence	4.35E+00	5.47E-03	9.34E-05	5.62E-05	1.68E-04	3.15E-04	1.88E-02	1.13E-04	5.62E-04	1.66E-03	2.63E-03	8.63E-05	4.28E-04	1.97E-04	5.56E-01	2.11E-01	7.14E-04	2.26E-03	1.53E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
126	369962	3758103	Residence	5.52E+00	7.47E-03	1.24E-04	7.11E-05	2.20E-04	3.69E-04	2.46E-02	1.38E-04	6.81E-04	2.04E-03	3.27E-03	1.13E-04	5.12E-04	2.15E-04	6.83E-01	2.43E-01	8.96E-04	2.88E-03	2.10E+00
127	370075	3758103	Residence	5.27E+00	7.10E-03	1.17E-04	6.75E-05	2.10E-04	3.57E-04	2.35E-02	1.32E-04	6.54E-04	1.95E-03	3.11E-03	1.08E-04	4.93E-04	2.11E-04	6.51E-01	2.37E-01	8.52E-04	2.74E-03	2.00E+00
128	370187	3758103	Residence	5.16E+00	6.25E-03	1.12E-04	7.09E-05	1.99E-04	3.48E-04	2.24E-02	1.36E-04	6.56E-04	2.07E-03	3.30E-03	1.04E-04	4.85E-04	2.03E-04	6.96E-01	2.21E-01	9.08E-04	2.73E-03	1.73E+00
129	370299	3758103	Residence	4.85E+00	6.33E-03	1.07E-04	6.41E-05	1.82E-04	3.31E-04	2.01E-02	1.23E-04	6.02E-04	1.86E-03	2.96E-03	9.92E-05	4.48E-04	1.95E-04	6.23E-01	2.07E-01	8.13E-04	2.54E-03	1.77E+00
136	370506	3758113	Residence	3.31E+00	4.07E-03	6.91E-05	4.12E-05	1.13E-04	2.69E-04	1.24E-02	8.68E-05	4.39E-04	1.25E-03	1.95E-03	6.37E-05	3.41E-04	1.81E-04	4.19E-01	1.77E-01	5.22E-04	1.69E-03	1.14E+00
137	370601	3758113	Residence	3.28E+00	3.91E-03	6.72E-05	4.07E-05	1.22E-04	2.64E-04	1.37E-02	8.75E-05	4.44E-04	1.24E-03	1.95E-03	6.21E-05	3.46E-04	1.79E-04	4.16E-01	1.84E-01	5.18E-04	1.67E-03	1.09E+00
138	370696	3758114	Residence	4.25E+00	5.36E-03	9.20E-05	5.57E-05	1.67E-04	2.98E-04	1.88E-02	1.11E-04	5.44E-04	1.63E-03	2.60E-03	8.51E-05	4.11E-04	1.81E-04	5.47E-01	1.99E-01	7.08E-04	2.22E-03	1.50E+00
139	370791	3758114	Residence	4.40E+00	5.70E-03	9.66E-05	5.74E-05	1.76E-04	3.02E-04	1.98E-02	1.13E-04	5.57E-04	1.67E-03	2.67E-03	8.91E-05	4.20E-04	1.80E-04	5.59E-01	2.02E-01	7.28E-04	2.30E-03	1.60E+00
140	370886	3758114	Residence	6.36E+00	7.72E-03	1.42E-04	9.33E-05	2.49E-04	3.80E-04	2.80E-02	1.68E-04	7.80E-04	2.67E-03	4.30E-03	1.33E-04	5.53E-04	1.93E-04	8.99E-01	2.17E-01	1.20E-03	3.47E-03	2.13E+00
154	371170	3757732	Residence	5.65E+00	4.78E-03	1.14E-04	9.30E-05	2.01E-04	3.75E-04	2.31E-02	1.71E-04	7.66E-04	2.77E-03	4.44E-03	1.10E-04	5.34E-04	2.07E-04	9.47E-01	2.01E-01	1.23E-03	3.18E-03	1.25E+00
155	371240	3757783	Residence	5.40E+00	4.62E-03	1.09E-04	8.84E-05	1.91E-04	3.60E-04	2.19E-02	1.63E-04	7.32E-04	2.64E-03	4.22E-03	1.05E-04	5.12E-04	2.01E-04	9.00E-01	1.95E-01	1.17E-03	3.04E-03	1.21E+00
156	371264	3757808	Residence	5.32E+00	4.55E-03	1.07E-04	8.70E-05	1.88E-04	3.56E-04	2.16E-02	1.60E-04	7.20E-04	2.59E-03	4.15E-03	1.03E-04	5.04E-04	1.98E-04	8.85E-01	1.92E-01	1.15E-03	2.99E-03	1.19E+00
157	371372	3757807	Residence	5.24E+00	4.62E-03	1.07E-04	8.53E-05	1.85E-04	3.46E-04	2.11E-02	1.56E-04	7.02E-04	2.53E-03	4.06E-03	1.03E-04	4.90E-04	1.91E-04	8.64E-01	1.84E-01	1.13E-03	2.94E-03	1.22E+00
158	371385	3757827	Residence	5.15E+00	4.56E-03	1.05E-04	8.36E-05	1.82E-04	3.42E-04	2.07E-02	1.54E-04	6.91E-04	2.48E-03	3.98E-03	1.01E-04	4.83E-04	1.89E-04	8.48E-01	1.83E-01	1.10E-03	2.89E-03	1.20E+00
159	371485	3757895	Residence	4.93E+00	4.40E-03	1.00E-04	7.98E-05	1.74E-04	3.28E-04	1.98E-02	1.47E-04	6.60E-04	2.37E-03	3.80E-03	9.65E-05	4.62E-04	1.82E-04	8.09E-01	1.75E-01	1.05E-03	2.76E-03	1.16E+00
160	371585	3757964	Residence	4.72E+00	4.25E-03	9.63E-05	7.63E-05	1.66E-04	3.15E-04	1.89E-02	1.40E-04	6.32E-04	2.27E-03	3.63E-03	9.26E-05	4.43E-04	1.75E-04	7.73E-01	1.68E-01	1.01E-03	2.64E-03	1.12E+00
161	371684	3758032	Residence	4.53E+00	4.09E-03	9.24E-05	7.30E-05	1.59E-04	3.02E-04	1.81E-02	1.34E-04	6.06E-04	2.17E-03	3.47E-03	8.88E-05	4.25E-04	1.68E-04	7.39E-01	1.62E-01	9.63E-04	2.53E-03	1.08E+00
162	371784	3758101	Residence	4.34E+00	3.93E-03	8.87E-05	6.99E-05	1.53E-04	2.90E-04	1.74E-02	1.29E-04	5.82E-04	2.08E-03	3.33E-03	8.51E-05	4.08E-04	1.62E-04	7.08E-01	1.56E-01	9.23E-04	2.43E-03	1.04E+00
163	371818	3758095	Residence	4.37E+00	3.94E-03	8.93E-05	7.06E-05	1.54E-04	2.90E-04	1.75E-02	1.30E-04	5.84E-04	2.10E-03	3.36E-03	8.57E-05	4.09E-04	1.61E-04	7.15E-01	1.54E-01	9.32E-04	2.45E-03	1.04E+00
164	371873	3758022	Residence	4.49E+00	4.08E-03	9.23E-05	7.30E-05	1.60E-04	2.91E-04	1.82E-02	1.33E-04	5.96E-04	2.16E-03	3.46E-03	8.87E-05	4.15E-04	1.58E-04	7.36E-01	1.53E-01	9.63E-04	2.52E-03	1.08E+00
165	371928	3757949	Residence	4.43E+00	4.18E-03	9.21E-05	7.13E-05	1.60E-04	2.84E-04	1.82E-02	1.30E-04	5.83E-04	2.10E-03	3.37E-03	8.82E-05	4.06E-04	1.52E-04	7.16E-01	1.51E-01	9.39E-04	2.48E-03	1.11E+00
166	371969	3757946	Residence	4.50E+00	4.18E-03	9.35E-05	7.33E-05	1.63E-04	2.85E-04	1.85E-02	1.33E-04	5.92E-04	2.16E-03	3.47E-03	8.97E-05	4.10E-04	1.50E-04	7.36E-01	1.48E-01	9.67E-04	2.54E-03	1.11E+00
167	371989	3757924	Residence	4.63E+00	4.22E-03	9.64E-05	7.66E-05	1.68E-04	2.88E-04	1.92E-02	1.37E-04	6.09E-04	2.25E-03	3.62E-03	9.26E-05	4.19E-04	1.48E-04	7.68E-01	1.47E-01	1.01E-03	2.63E-03	1.11E+00
295	370737	3755244	Residence	3.29E+00	4.14E-03	7.23E-05	4.47E-05	1.29E-04	2.09E-04	1.44E-02	8.43E-05	4.04E-04	1.29E-03	2.06E-03	6.70E-05	2.96E-04	1.16E-04	4.32E-01	1.35E-01	5.71E-04	1.73E-03	1.15E+00
296	370669	3755237	Residence	3.39E+00	4.32E-03	7.50E-05	4.60E-05	1.33E-04	2.13E-04	1.49E-02	8.62E-05	4.12E-04	1.32E-03	2.12E-03	6.94E-05	3.02E-04	1.17E-04	4.43E-01	1.37E-01	5.86E-04	1.79E-03	1.20E+00
297	370571	3755237	Residence	4.18E+00	4.70E-03	9.06E-05	6.24E-05	1.61E-04	2.50E-04	1.82E-02	1.13E-04	5.18E-04	1.80E-03	2.90E-03	8.52E-05	3.65E-04	1.28E-04	6.09E-01	1.47E-01	8.10E-04	2.28E-03	1.29E+00
298	370476	3755238	Residence	5.33E+00	5.16E-03	1.13E-04	8.73E-05	2.01E-04	3.02E-04	2.29E-02	1.53E-04	6.72E-04	2.52E-03	4.08E-03	1.08E-04	4.56E-04	1.40E-04	8.60E-01	1.58E-01	1.15E-03	3.00E-03	1.37E+00
299	370380	3755238	Residence	6.73E+00	5.77E-03	1.41E-04	1.18E-04	2.51E-04	3.65E-04	2.89E-02	2.02E-04	8.61E-04	3.41E-03	5.54E-03	1.37E-04	5.67E-04	1.55E-04	1.17E+00	1.69E-01	1.57E-03	3.90E-03	1.50E+00
300	370279	3755239	Residence	8.11E+00	6.47E-03	1.69E-04	1.47E-04	3.01E-04	4.28E-04	3.47E-02	2.49E-04	1.05E-03	4.27E-03	6.93E-03	1.65E-04	6.76E-04	1.70E-04	1.46E+00	1.81E-01	1.96E-03	4.77E-03	1.65E+00
301	370177	3755240	Residence	8.32E+00	6.38E-03	1.72E-04	1.52E-04	3.04E-04	4.47E-04	3.52E-02	2.58E-04	1.08E-03	4.43E-03	7.19E-03	1.68E-04	7.01E-04	1.82E-04	1.52E+00	1.86E-01	2.04E-03	4.91E-03	1.61E+00
302	370076	3755240	Residence	7.89E+00	6.41E-03	1.64E-04	1.41E-04	2.87E-04	4.42E-04	3.31E-02	2.42E-04	1.03E-03	4.10E-03	6.63E-03	1.60E-04	6.76E-04	1.94E-04	1.40E+00	1.95E-01	1.87E-03	4.61E-03	1.64E+00
303	369979	3755241	Residence	6.87E+00	6.18E-03	1.43E-04	1.15E-04	2.47E-04	4.13E-04	2.82E-02	2.04E-04	8.93E-04	3.37E-03	5.44E-03	1.38E-04	6.06E-04	2.04E-04	1.15E+00	2.04E-01	1.53E-03	3.91E-03	1.63E+00
304	369883	3755241	Residence	5.55E+00	5.74E-03	1.16E-04	8.37E-05	1.95E-04	3.73E-04	2.19E-02	1.56E-04	7.20E-04	2.47E-03	3.94E-03	1.10E-04	5.14E-04	2.13E-04	8.38E-01	2.12E-01	1.09E-03	3.03E-03	1.56E+00
306	369690	3755242	Residence	5.72E+00	4.95E-03	1.13E-04	9.03E-05	2.02E-04	4.05E-04	2.31E-02	1.72E-04	7.87E-04	2.72E-03	4.34E-03	1.09E-04	5.62E-04	2.40E-04	9.27E-01	2.34E-01	1.19E-03	3.16E-03	1.31E+00
307	369594	3755243	Residence	5.74E+00	5.19E-03	1.14E-04	8.77E-05	2.04E-04	4.18E-04	2.34E-02	1.70E-04	7.92E-04	2.65E-03	4.22E-03	1.09E-04	5.75E-04	2.55E-04	9.01E-01	2.51E-01	1.15E-03	3.13E-03	1.38E+00
308	369498	3755243	Residence	7.01E+00	6.02E-03	1.40E-04	1.13E-04	2.53E-04	4.79E-04	2.91E-02	2.11E-04	9.59E-04	3.37E-03	5.40E-03	1.35E-04	6.79E-04	2.74E-04	1.15E+00	2.72E-01	1.49E-03	3.91E-03	1.58E+00
309	369396	3755244	Residence	8.10E+00	7.00E-03	1.64E-04	1.33E-04	2.96E-04	5.33E-04	3.41E-02	2.44E-04	1.10E-03	3.94E-03	6.33E-03	1.58E-04	7.67E-04	2.93E-04	1.34E+00	2.93E-01	1.75E-03	4.56E-03	1.84E+00
310	369295	3755244	Residence	8.25E+00	7.68E-03	1.69E-04	1.31E-04	3.05E-04	5.48E-04	3.50E-02	2.43E-04	1.11E-03	3.88E-03	6.23E-03	1.62E-04	7.83E-04	3.05E-04	1.32E+00	3.09E-01	1.72E-03	4.60E-03	2.04E+00
311	369193	3755245	Residence	8.61E+00	8.14E-03	1.78E-04	1.36E-04	3.19E-04	5.67E-04	3.65E-02	2.53E-04	1.15E-03	4.03E-03	6.47E-03	1.70E-04	8.12E-04	3.14E-04	1.37E+00	3.19E-01	1.79E-03	4.80E-03	2.17E+00
312	369092	3755245	Residence	1.02E+01	8.54E-03	2.08E-04	1.72E-04	3.72E-04	6.27E-04	4.29E-02	3.09E-04	1.36E-03	5.08E-03	8.19E-03	2.01E-04	9.26E-04	3.18E-04	1.74E+00	3.23E-01	2.29E-03	5.81E-03	2.22E+00
313	368991	3755246	Residence	1.10E+01	8.65E-03	2.24E-04	1.94E-04	4.00E-04	6.52E-04	4.63E-02	3.41E-04	1.47E-03	5.71E-03	9.22E-03	2.19E-04	9.82E-04	3.12E-04	1.96E+00	3.15E-01	2.59E-03	6.39E-03	2.21E+00
314	368889	3755247	Residence	1.09E+01	8.50E-03	2.21E-04	1.92E-04	3.93E-04	6.26E-04	4.53E-02	3.34E-04	1.43E-03	5.62E-03	9.08E-03	2.16E-04	9.49E-04	2.90E-04	1.92E+00	2.97E-01	2.56E-03	6.29E-03	2.17E+00
315	368782	3755247	Residence	1.10E+01	8.31E-03	2.16E-04	1.86E-04	3.80E-04	7.25E-04	4.39E-02	3.41E-04	1.50E-03	5.58E-03	8.95E-03	2.10E-04	1.04E-03	3.98E-04	1.91E+00	3.78E-01	2.49E-03	6.23E-03	2.12E+00
316	368676	3755248	Residence	1.12E+01	8.19E-03	2.09E-04	1.79E-04	3.66E-04	9.03E-04	4.22E-02	3.56E-04	1.65E-03	5.56E-03	8.79E-03	2.04E-04	1.20E-03	5.86E-04	1.90E+00	5.22E-01	2.39E-03	6.22E-03	2.10E+00
317	368569	3755248	Residence	1.16E+01	8.06E-03	2.03E-04	1.73E-04	3.53E-04	1.11E-03	4.05E-02	3.77E-04	1.82E-03	5.60E-03	8.71E-03	1.98E-04	1.39E-03	8.01E-04	1.91E+00	6.85E-01	2.30E-03	6.24E-03	2.07E+00
318	368471	3755249	Residence	1.13E+01	7.86E-03	1.88E-04	1.54E-04	3.20E-04	1.24E-03	3.65E-02	3.70E-04	1.87E-03	5.21E-03	7.97E-03	1.81E-04	1.49E-03	9.61E-04	1.77E+00	8.07E-01	2.04E-03	5.87E-03	2.05E+00
319	368373	3755249	Residence	1.04E+01	7.50E-03	1.66E-04	1.29E-04	2.78E-04	1.25E-03	3.13E-02	3.38E-04	1.78E-03	4.54E-03	6.83E-03	1.59E-04	1.46E-03	1.01E-03	1.54E+00	8.43E-01	1.70E-03	5.21E-03	1.99E+00
320	368275	3755250	Residence	8.90E+00	7.03E-03	1.43E-04	1.04E-04	2.34E-04	1.10E-03	2.61E-02	2.83E-04	1.52E-03	3.70E-03	5.52E-03	1.36E-04	1.26E-03	8.98E-04	1.25E+00	7.51E-01	1.36E-03	4.37E-03	1.90E+00
321	368167	3755230	Residence	7.31E+00	6.43E-03	1.22E-04	8.29E-05	1.96E-04	8.78E-04	2.16E-02	2.25E-04	1.21E-03	2.93E-03	4.36E-03	1.15E-04	1.01E-03	7.14E-04	9.87E-01	6.02E-01	1.07E-03	3.57E-03	1.76E+00
322	368054	3755209	Residence	6.75E+00	5.88E-03	1.08E-04	7.10E-05	1.71E-04	8.73E-04	1.88E-02	2.09E-04	1.16E-03	2.61E-03	3.83E-03	1.01E-04	9.86E-04	7.30E-04	8.79E-01	6.12E-01	9.14E-04	3.21E-03	1.62E+00
323	367941	3755189	Residence	6.79E+00	5.55E-03	1.10E-04	7.72E-05	1.76E-04	8.42E-04	1.95E-02	2.13E-04	1.15E-03	2.77E-03	4.11E-03	1.03E-04	9.65E-04	6.92E-04	9.35E-01	5.78E-01	1.00E-03	3.30E-03	1.51E+00
324	367824	3755185	Residence	7.29E+00	5.45E-03	1.15E-04	8.66E-05	1.89E-04	9.02E-04	2.12E-02	2.35E-04	1.25E-03	3.09E-03	4.62E-03	1.10E-04	1.04E-03	7.39E-04	1.05E+00	6.14E-01	1.14E-03	3.60E-03	1.46E+00
325	367711	3755181	Residence	7.35E+00	5.54E-03	1.22E-04	9.38E-05	2.00E-04	8.40E-04	2.25E-02	2.36E-04	1.22E-03	3.23E-03	4.89E-03	1.16E-04	9.90E-04	6.66E-04	1.10E+00	5.56E-01	1.23E-03	3.73E-03	1.48E+00
326	367598	3755178	Residence	7.70E+00	5.64E-03	1.26E-04	9.82E-05	2.08E-04	8.94E-04	2.34E-02	2.49E-04	1.29E-03	3.40E-03	5.14E-03	1.20E-04	1.05E-03	7.13E-04	1.15E+00	5.94E-01	1.29E-03	3.90E-03	1.50E+00
327	367484	3755174	Residence	8.01E+00	5.61E-03	1.26E-04	9.96E-05	2.11E-04	9.73E-04	2.38E-02	2.63E-04	1.38E-03	3.52E-03	5.29E-03	1.21E-04	1.13E-03	7.91E-04	1.20E+00	6.55E-01	1.31E-03	4.01E-03	1.49E+00
328	367461	3755189	Residence	8.16E+00	5.64E-03	1.28E-04	1.01E-04	2.14E-04	1.00E-03	2.41E-02	2.68E-04	1.41E-03	3.58E-03	5.37E-03	1.23E-04	1.16E-03	8.16E-04	1.22E+00	6.76E-01	1.33E-03	4.08E-03	1.49E+00
329	367415	3755295	Residence	8.79E+00	5.93E-03	1.32E-04	1.03E-04	2.24E-04	1.15E-03	2.54E-02	2.92E-04	1.58E-03	3.77E-03	5.60E-03	1.26E-04	1.32E-03	9.60E-04	1.28E+00	7.95E-01	1.36E-03	4.31E-03	1.57E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
330	367369	3755401	Residence	8.84E+00	6.64E-03	1.39E-04	1.03E-04	2.34E-04	1.11E-03	2.64E-02	2.86E-04	1.54E-03	3.71E-03	5.53E-03	1.32E-04	1.29E-03	9.19E-04	1.26E+00	7.68E-01	1.35E-03	4.34E-03	1.79E+00
331	367324	3755507	Residence	9.40E+00	7.59E-03	1.63E-04	1.23E-04	2.77E-04	1.00E-03	3.13E-02	2.96E-04	1.52E-03	4.13E-03	6.32E-03	1.55E-04	1.21E-03	7.73E-04	1.40E+00	6.57E-01	1.62E-03	4.84E-03	2.03E+00
332	367484	3755199	Residence	8.25E+00	5.71E-03	1.29E-04	1.02E-04	2.16E-04	1.01E-03	2.44E-02	2.71E-04	1.43E-03	3.62E-03	5.43E-03	1.24E-04	1.18E-03	8.26E-04	1.23E+00	6.84E-01	1.34E-03	4.12E-03	1.51E+00
333	367301	3755623	Residence	1.07E+01	8.74E-03	1.81E-04	1.34E-04	3.08E-04	1.22E-03	3.46E-02	3.39E-04	1.77E-03	4.58E-03	6.95E-03	1.72E-04	1.44E-03	9.62E-04	1.55E+00	8.15E-01	1.75E-03	5.42E-03	2.36E+00
334	367114	3756056	Residence	1.06E+01	9.00E-03	1.87E-04	1.38E-04	3.16E-04	1.13E-03	3.56E-02	3.30E-04	1.70E-03	4.59E-03	7.02E-03	1.77E-04	1.36E-03	8.65E-04	1.56E+00	7.40E-01	1.80E-03	5.45E-03	2.43E+00
335	366985	3756358	Residence	9.54E+00	6.80E-03	1.49E-04	1.15E-04	2.53E-04	1.19E-03	2.87E-02	3.13E-04	1.67E-03	4.11E-03	6.16E-03	1.43E-04	1.38E-03	9.76E-04	1.40E+00	8.13E-01	1.51E-03	4.73E-03	1.81E+00
336	366853	3756663	Residence	7.76E+00	5.41E-03	1.26E-04	1.02E-04	2.14E-04	8.91E-04	2.43E-02	2.54E-04	1.31E-03	3.50E-03	5.31E-03	1.21E-04	1.06E-03	7.07E-04	1.19E+00	5.90E-01	1.34E-03	3.97E-03	1.42E+00
337	366902	3756692	Residence	7.56E+00	5.40E-03	1.26E-04	1.01E-04	2.13E-04	8.36E-04	2.42E-02	2.46E-04	1.25E-03	3.43E-03	5.24E-03	1.21E-04	1.00E-03	6.52E-04	1.17E+00	5.46E-01	1.34E-03	3.90E-03	1.42E+00
338	366876	3756760	Residence	6.83E+00	5.16E-03	1.17E-04	9.31E-05	1.99E-04	7.18E-04	2.25E-02	2.19E-04	1.10E-03	3.10E-03	4.76E-03	1.13E-04	8.70E-04	5.47E-04	1.06E+00	4.62E-01	1.23E-03	3.55E-03	1.36E+00
339	366813	3756739	Residence	7.04E+00	5.13E-03	1.18E-04	9.39E-05	1.99E-04	7.73E-04	2.26E-02	2.28E-04	1.16E-03	3.18E-03	4.86E-03	1.13E-04	9.27E-04	6.02E-04	1.08E+00	5.05E-01	1.24E-03	3.63E-03	1.35E+00
340	366677	3757025	Residence	4.86E+00	4.05E-03	8.80E-05	6.74E-05	1.48E-04	4.71E-04	1.67E-02	1.51E-04	7.49E-04	2.18E-03	3.38E-03	8.41E-05	5.82E-04	3.45E-04	7.42E-01	2.98E-01	8.86E-04	2.55E-03	1.08E+00
341	366536	3757322	Residence	4.80E+00	3.97E-03	8.71E-05	6.71E-05	1.46E-04	4.61E-04	1.65E-02	1.49E-04	7.37E-04	2.17E-03	3.36E-03	8.33E-05	5.71E-04	3.37E-04	7.37E-01	2.89E-01	8.83E-04	2.53E-03	1.06E+00
342	366437	3757531	Residence	5.16E+00	4.23E-03	9.62E-05	7.63E-05	1.64E-04	4.55E-04	1.86E-02	1.60E-04	7.71E-04	2.41E-03	3.77E-03	9.25E-05	5.82E-04	3.16E-04	8.21E-01	2.74E-01	1.01E-03	2.78E-03	1.12E+00
343	366487	3757537	Residence	5.33E+00	4.34E-03	9.92E-05	7.89E-05	1.69E-04	4.71E-04	1.92E-02	1.66E-04	7.97E-04	2.49E-03	3.90E-03	9.53E-05	6.02E-04	3.27E-04	8.49E-01	2.84E-01	1.04E-03	2.87E-03	1.15E+00
344	366624	3757468	Residence	5.57E+00	4.43E-03	1.02E-04	8.15E-05	1.73E-04	5.10E-04	1.97E-02	1.75E-04	8.47E-04	2.60E-03	4.06E-03	9.81E-05	6.44E-04	3.62E-04	8.86E-01	3.11E-01	1.08E-03	2.99E-03	1.17E+00
345	366644	3757531	Residence	5.77E+00	4.66E-03	1.07E-04	8.53E-05	1.83E-04	5.13E-04	2.08E-02	1.80E-04	8.66E-04	2.70E-03	4.22E-03	1.03E-04	6.54E-04	3.57E-04	9.20E-01	3.10E-01	1.13E-03	3.11E-03	1.23E+00
346	366777	3757520	Residence	6.10E+00	4.95E-03	1.14E-04	9.06E-05	1.94E-04	5.38E-04	2.21E-02	1.90E-04	9.13E-04	2.86E-03	4.48E-03	1.09E-04	6.88E-04	3.73E-04	9.74E-01	3.24E-01	1.20E-03	3.30E-03	1.31E+00
347	366999	3757642	Residence	6.90E+00	6.87E-03	1.36E-04	9.57E-05	2.35E-04	5.90E-04	2.65E-02	2.02E-04	9.94E-04	2.98E-03	4.67E-03	1.28E-04	7.60E-04	4.05E-04	1.01E+00	3.69E-01	1.25E-03	3.66E-03	1.87E+00
348	367174	3757740	Residence	1.03E+01	1.10E-02	2.14E-04	1.49E-04	3.80E-04	7.70E-04	4.31E-02	2.95E-04	1.41E-03	4.48E-03	7.12E-03	2.02E-04	1.04E-03	4.78E-04	1.52E+00	4.64E-01	1.94E-03	5.59E-03	3.00E+00
349	367291	3757694	Residence	1.45E+01	1.71E-02	3.18E-04	2.12E-04	5.69E-04	9.47E-04	6.43E-02	3.96E-04	1.86E-03	6.14E-03	9.86E-03	2.98E-04	1.35E-03	5.24E-04	2.07E+00	5.53E-01	2.73E-03	7.93E-03	4.71E+00
350	367413	3757695	Residence	1.88E+01	2.38E-02	4.30E-04	2.76E-04	7.72E-04	1.09E-03	8.72E-02	4.95E-04	2.29E-03	7.82E-03	1.27E-02	4.00E-04	1.63E-03	5.28E-04	2.63E+00	6.16E-01	3.55E-03	1.03E-02	6.59E+00
351	367410	3757736	Residence	1.34E+01	1.69E-02	3.00E-04	1.88E-04	5.35E-04	8.70E-04	6.03E-02	3.54E-04	1.69E-03	5.43E-03	8.71E-03	2.78E-04	1.24E-03	4.81E-04	1.83E+00	5.22E-01	2.41E-03	7.24E-03	4.70E+00
352	367518	3757796	Residence	9.27E+00	1.16E-02	2.03E-04	1.26E-04	3.68E-04	6.46E-04	4.14E-02	2.46E-04	1.20E-03	3.67E-03	5.86E-03	1.89E-04	8.96E-04	3.84E-04	1.23E+00	4.08E-01	1.60E-03	4.94E-03	3.24E+00
353	367539	3757802	Residence	6.86E+00	8.83E-03	1.46E-04	8.41E-05	2.63E-04	5.53E-04	2.94E-02	1.80E-04	9.25E-04	2.53E-03	3.98E-03	1.34E-04	7.25E-04	3.71E-04	8.47E-01	3.75E-01	1.06E-03	3.52E-03	2.48E+00
354	367609	3757677	Residence	1.12E+01	1.41E-02	2.48E-04	1.55E-04	4.51E-04	7.63E-04	5.09E-02	2.99E-04	1.44E-03	4.50E-03	7.20E-03	2.30E-04	1.07E-03	4.43E-04	1.51E+00	4.77E-01	1.98E-03	6.02E-03	3.91E+00
355	367769	3757644	Residence	5.49E+00	5.16E-03	9.73E-05	6.55E-05	1.76E-04	5.90E-04	2.00E-02	1.66E-04	8.75E-04	2.20E-03	3.36E-03	9.12E-05	7.16E-04	4.60E-04	7.44E-01	4.13E-01	8.47E-04	2.74E-03	1.42E+00
356	367775	3757719	Residence	5.33E+00	5.09E-03	9.54E-05	6.38E-05	1.73E-04	5.62E-04	1.96E-02	1.59E-04	8.41E-04	2.13E-03	3.26E-03	8.93E-05	6.85E-04	4.35E-04	7.19E-01	3.93E-01	8.24E-04	2.66E-03	1.40E+00
357	367809	3757835	Residence	4.58E+00	4.21E-03	7.99E-05	5.41E-05	1.45E-04	5.03E-04	1.64E-02	1.39E-04	7.38E-04	1.84E-03	2.79E-03	7.49E-05	6.06E-04	3.95E-04	6.20E-01	3.53E-01	7.00E-04	2.27E-03	1.16E+00
358	367807	3757936	Residence	4.20E+00	3.32E-03	7.05E-05	5.30E-05	1.25E-04	4.65E-04	1.43E-02	1.33E-04	6.90E-04	1.81E-03	2.75E-03	6.71E-05	5.60E-04	3.65E-04	6.13E-01	3.18E-01	6.96E-04	2.12E-03	8.89E-01
359	367775	3757959	Residence	4.11E+00	3.24E-03	6.86E-05	5.14E-05	1.22E-04	4.58E-04	1.39E-02	1.30E-04	6.76E-04	1.76E-03	2.68E-03	6.53E-05	5.50E-04	3.61E-04	5.96E-01	3.14E-01	6.75E-04	2.07E-03	8.70E-01
360	367798	3758011	Residence	4.33E+00	3.35E-03	7.43E-05	5.78E-05	1.25E-04	4.55E-04	1.41E-02	1.37E-04	6.93E-04	1.93E-03	2.96E-03	7.12E-05	5.49E-04	3.48E-04	6.55E-01	2.97E-01	7.62E-04	2.23E-03	8.91E-01
361	367914	3757962	Residence	4.74E+00	3.66E-03	8.38E-05	6.67E-05	1.40E-04	4.64E-04	1.58E-02	1.49E-04	7.37E-04	2.17E-03	3.36E-03	8.05E-05	5.71E-04	3.42E-04	7.40E-01	2.92E-01	8.81E-04	2.49E-03	9.66E-01
362	367905	3757930	Residence	4.64E+00	3.62E-03	8.09E-05	6.34E-05	1.38E-04	4.69E-04	1.57E-02	1.46E-04	7.32E-04	2.09E-03	3.22E-03	7.76E-05	5.74E-04	3.52E-04	7.10E-01	3.03E-01	8.36E-04	2.41E-03	9.59E-01
363	368109	3757840	Residence	5.31E+00	4.25E-03	9.99E-05	8.10E-05	1.68E-04	4.45E-04	1.90E-02	1.65E-04	7.77E-04	2.53E-03	3.98E-03	9.63E-05	5.75E-04	2.98E-04	8.63E-01	2.60E-01	1.07E-03	2.89E-03	1.11E+00
364	368233	3757790	Residence	5.70E+00	4.68E-03	1.13E-04	9.27E-05	1.90E-04	4.07E-04	2.16E-02	1.74E-04	7.87E-04	2.80E-03	4.46E-03	1.09E-04	5.56E-04	2.41E-04	9.56E-01	2.17E-01	1.23E-03	3.19E-03	1.22E+00
365	368309	3757762	Residence	5.91E+00	4.96E-03	1.20E-04	9.96E-05	2.03E-04	3.80E-04	2.32E-02	1.79E-04	7.90E-04	2.95E-03	4.74E-03	1.16E-04	5.41E-04	2.02E-04	1.01E+00	1.88E-01	1.32E-03	3.36E-03	1.29E+00
366	368603	3757765	Residence	6.13E+00	5.48E-03	1.26E-04	1.01E-04	2.17E-04	3.86E-04	2.47E-02	1.82E-04	8.07E-04	2.99E-03	4.80E-03	1.22E-04	5.55E-04	2.02E-04	1.02E+00	1.97E-01	1.34E-03	3.47E-03	1.44E+00
367	368604	3757719	Residence	6.49E+00	5.71E-03	1.34E-04	1.08E-04	2.29E-04	4.06E-04	2.61E-02	1.94E-04	8.55E-04	3.19E-03	5.13E-03	1.29E-04	5.86E-04	2.10E-04	1.09E+00	2.04E-01	1.44E-03	3.69E-03	1.50E+00
368	368770	3757799	Residence	6.54E+00	6.10E-03	1.38E-04	1.09E-04	2.30E-04	3.92E-04	2.60E-02	1.91E-04	8.37E-04	3.17E-03	5.10E-03	1.32E-04	5.68E-04	1.93E-04	1.08E+00	1.90E-01	1.43E-03	3.71E-03	1.61E+00
369	369017	3757954	Residence	7.13E+00	6.15E-03	1.51E-04	1.26E-04	2.63E-04	3.84E-04	3.01E-02	2.14E-04	9.08E-04	3.64E-03	5.91E-03	1.46E-04	5.94E-04	1.59E-04	1.25E+00	1.66E-01	1.67E-03	4.15E-03	1.59E+00
370	369080	3757864	Residence	7.54E+00	6.55E-03	1.59E-04	1.32E-04	2.77E-04	4.17E-04	3.18E-02	2.26E-04	9.66E-04	3.82E-03	6.18E-03	1.54E-04	6.38E-04	1.81E-04	1.31E+00	1.88E-01	1.75E-03	4.37E-03	1.70E+00
371	369224	3757952	Residence	5.95E+00	5.58E-03	1.25E-04	9.75E-05	2.20E-04	3.61E-04	2.52E-02	1.74E-04	7.72E-04	2.85E-03	4.59E-03	1.19E-04	5.31E-04	1.81E-04	9.71E-01	1.88E-01	1.29E-03	3.36E-03	1.48E+00
372	369409	3757730	Residence	8.35E+00	6.56E-03	1.67E-04	1.43E-04	2.97E-04	5.30E-04	3.43E-02	2.58E-04	1.13E-03	4.26E-03	6.85E-03	1.63E-04	7.72E-04	2.77E-04	1.46E+00	2.68E-01	1.91E-03	4.78E-03	1.68E+00
373	369454	3757776	Residence	8.04E+00	6.26E-03	1.61E-04	1.38E-04	2.83E-04	5.10E-04	3.26E-02	2.48E-04	1.09E-03	4.11E-03	6.60E-03	1.57E-04	7.41E-04	2.67E-04	1.41E+00	2.56E-01	1.84E-03	4.60E-03	1.60E+00
374	369265	3757997	Residence	6.14E+00	5.28E-03	1.27E-04	1.05E-04	2.26E-04	3.66E-04	2.60E-02	1.85E-04	8.07E-04	3.07E-03	4.95E-03	1.23E-04	5.46E-04	1.78E-04	1.05E+00	1.82E-01	1.39E-03	3.52E-03	1.38E+00
375	369452	3758128	Residence	5.94E+00	4.77E-03	1.21E-04	1.03E-04	2.13E-04	3.58E-04	2.45E-02	1.82E-04	7.89E-04	3.03E-03	4.89E-03	1.18E-04	5.31E-04	1.76E-04	1.04E+00	1.74E-01	1.37E-03	3.42E-03	1.23E+00
376	369460	3758394	Residence	4.78E+00	4.08E-03	9.96E-05	8.29E-05	1.75E-04	2.73E-04	2.01E-02	1.44E-04	6.21E-04	2.42E-03	3.91E-03	9.64E-05	4.14E-04	1.25E-04	8.27E-01	1.29E-01	1.10E-03	2.76E-03	1.06E+00
377	369853	3758394	Residence	3.43E+00	4.21E-03	7.28E-05	4.45E-05	1.31E-04	2.54E-04	1.47E-02	9.04E-05	4.48E-04	1.32E-03	2.09E-03	6.74E-05	3.42E-04	1.60E-04	4.43E-01	1.70E-01	5.66E-04	1.78E-03	1.17E+00
378	369850	3758078	Residence	5.17E+00	6.67E-03	1.13E-04	6.73E-05	2.02E-04	3.59E-04	2.27E-02	1.33E-04	6.54E-04	1.96E-03	3.13E-03	1.04E-04	4.93E-04	2.16E-04	6.58E-01	2.37E-01	8.54E-04	2.70E-03	1.87E+00
384	370886	3758089	Residence	7.28E+00	8.77E-03	1.64E-04	1.09E-04	2.89E-04	4.19E-04	3.25E-02	1.94E-04	8.87E-04	3.11E-03	5.02E-03	1.53E-04	6.22E-04	2.01E-04	1.05E+00	2.32E-01	1.41E-03	4.01E-03	2.41E+00
391	371193	3757720	Residence	5.60E+00	4.83E-03	1.13E-04	9.15E-05	1.99E-04	3.71E-04	2.28E-02	1.68E-04	7.55E-04	2.72E-03	4.37E-03	1.09E-04	5.28E-04	2.05E-04	9.30E-01	2.00E-01	1.21E-03	3.15E-03	1.27E+00
392	371254	3757762	Residence	5.38E+00	4.70E-03	1.09E-04	8.73E-05	1.91E-04	3.58E-04	2.18E-02	1.61E-04	7.25E-04	2.60E-03	4.16E-03	1.05E-04	5.08E-04	2.00E-04	8.87E-01	1.94E-01	1.15E-03	3.01E-03	1.24E+00
393	371264	3757783	Residence	5.34E+00	4.63E-03	1.08E-04	8.68E-05	1.89E-04	3.56E-04	2.16E-02	1.60E-04	7.21E-04	2.59E-03	4.14E-03	1.04E-04	5.05E-04	1.99E-04	8.83E-01	1.93E-01	1.15E-03	2.99E-03	1.22E+00
394	371372	3757782	Residence	5.37E+00	4.72E-03	1.09E-04	8.79E-05	1.90E-04	3.51E-04	2.17E-02	1.60E-04	7.17E-04	2.61E-03	4.18E-03	1.05E-04	4.99E-04	1.91E-04	8.90E-01	1.85E-01	1.16E-03	3.02E-03	1.24E+00
395	371399	3757806	Residence	5.27E+00	4.65E-03	1.07E-04	8.62E-05	1.86E-04	3.45E-04	2.12E-02	1.57E-04	7.05E-04	2.56E-03	4.10E-03	1.03E-04	4.91E-04	1.89E-04	8.72E-01	1.83E-01	1.14E-03	2.96E-03	1.22E+00
396	371798	3758080	Residence	4.41E+00	3.97E-03	9.01E-05	7.13E-05	1.56E-04	2.92E-04	1.77E-02	1.31E-04	5.89E-04	2.12E-03	3.39E-03	8.66E-05	4.12E-04	1.62E-04	7.22E-01	1.56E-01	9.41E-04	2.47E-03	1.05E+00
397	371908	3757934	Residence	4.48E+00	4.23E-03	9.32E-05	7.23E-05	1.62E-04	2.87E-04	1.84E-02	1.31E-04	5.90E-04	2.13E-03	3.42E-03	8.93E-05	4.11E-04	1.53E-04	7.25E-01	1.52E-01	9.52E-04	2.52E-03	1.12E+00

Table 5-3
Summary of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	AMMONIUM ION (µg/m3)	ANTIMONY (µg/m3)	ARSENIC (µg/m3)	BROMINE (µg/m3)	CADMIUM (µg/m3)	CHLORINE (µg/m3)	CHROMIUM VI (µg/m3)	COPPER (µg/m3)	LEAD (µg/m3)	MANGANESE (µg/m3)	MERCURY (µg/m3)	NICKEL (µg/m3)	SELENIUM (µg/m3)	SILICON (µg/m3)	SULFATES (µg/m3)	VANADIUM (µg/m3)	ZINC (µg/m3)	DIESEL PM (µg/m3)
398	371964	3757922	Residence	4.62E+00	4.24E-03	9.61E-05	7.60E-05	1.67E-04	2.89E-04	1.91E-02	1.37E-04	6.07E-04	2.23E-03	3.59E-03	9.23E-05	4.18E-04	1.50E-04	7.62E-01	1.49E-01	1.00E-03	2.61E-03	1.12E+00
442	370667	3755262	Residence	3.41E+00	4.35E-03	7.51E-05	4.58E-05	1.33E-04	2.17E-04	1.49E-02	8.65E-05	4.16E-04	1.32E-03	2.11E-03	6.95E-05	3.06E-04	1.21E-04	4.42E-01	1.42E-01	5.83E-04	1.79E-03	1.21E+00
443	370380	3755263	Residence	6.66E+00	5.77E-03	1.40E-04	1.16E-04	2.48E-04	3.60E-04	2.86E-02	1.98E-04	8.48E-04	3.35E-03	5.44E-03	1.35E-04	5.59E-04	1.53E-04	1.15E+00	1.69E-01	1.54E-03	3.84E-03	1.50E+00
444	370076	3755265	Residence	8.14E+00	6.56E-03	1.69E-04	1.46E-04	2.97E-04	4.50E-04	3.42E-02	2.49E-04	1.06E-03	4.24E-03	6.88E-03	1.65E-04	6.93E-04	1.94E-04	1.45E+00	1.96E-01	1.94E-03	4.76E-03	1.68E+00
446	369498	3755268	Residence	7.27E+00	6.27E-03	1.46E-04	1.17E-04	2.63E-04	4.93E-04	3.03E-02	2.19E-04	9.92E-04	3.50E-03	5.61E-03	1.40E-04	7.01E-04	2.80E-04	1.19E+00	2.78E-01	1.55E-03	4.06E-03	1.65E+00
447	369194	3755270	Residence	9.08E+00	8.43E-03	1.87E-04	1.45E-04	3.35E-04	5.95E-04	3.84E-02	2.68E-04	1.21E-03	4.29E-03	6.89E-03	1.79E-04	8.54E-04	3.27E-04	1.46E+00	3.32E-01	1.91E-03	5.07E-03	2.24E+00
448	368889	3755272	Residence	1.10E+01	8.61E-03	2.23E-04	1.93E-04	3.96E-04	6.50E-04	4.57E-02	3.39E-04	1.46E-03	5.67E-03	9.16E-03	2.18E-04	9.75E-04	3.11E-04	1.94E+00	3.15E-01	2.57E-03	6.36E-03	2.20E+00
449	368569	3755273	Residence	1.16E+01	8.20E-03	2.05E-04	1.73E-04	3.54E-04	1.10E-03	4.06E-02	3.76E-04	1.82E-03	5.59E-03	8.71E-03	1.99E-04	1.39E-03	7.94E-04	1.91E+00	6.79E-01	2.30E-03	6.26E-03	2.12E+00
450	368275	3755275	Residence	8.88E+00	7.05E-03	1.40E-04	9.97E-05	2.28E-04	1.13E-03	2.53E-02	2.83E-04	1.54E-03	3.62E-03	5.36E-03	1.33E-04	1.29E-03	9.40E-04	1.22E+00	7.84E-01	1.30E-03	4.30E-03	1.92E+00
451	367936	3755213	Residence	7.14E+00	5.58E-03	1.14E-04	8.32E-05	1.86E-04	8.83E-04	2.07E-02	2.27E-04	1.22E-03	2.97E-03	4.43E-03	1.08E-04	1.02E-03	7.24E-04	1.01E+00	6.04E-01	1.09E-03	3.50E-03	1.51E+00
74	370324	3758078	School	1.02E+01	1.25E-02	2.22E-04	1.41E-04	4.04E-04	7.06E-04	4.57E-02	2.74E-04	1.33E-03	4.11E-03	6.58E-03	2.07E-04	9.86E-04	4.17E-04	1.38E+00	4.43E-01	1.80E-03	5.46E-03	3.46E+00
75	370324	3758078	School	9.56E+00	1.16E-02	2.05E-04	1.29E-04	3.73E-04	7.05E-04	4.21E-02	2.59E-04	1.27E-03	3.82E-03	6.07E-03	1.90E-04	9.61E-04	4.39E-04	1.28E+00	4.53E-01	1.65E-03	5.07E-03	3.22E+00
76	370324	3758078	School	7.29E+00	7.98E-03	1.45E-04	9.39E-05	2.64E-04	6.36E-04	2.99E-02	2.07E-04	1.05E-03	2.93E-03	4.58E-03	1.35E-04	8.21E-04	4.46E-04	9.86E-01	4.26E-01	1.21E-03	3.78E-03	2.21E+00
77	370324	3758078	School	5.64E+00	5.60E-03	1.04E-04	6.85E-05	1.88E-04	5.72E-04	2.14E-02	1.67E-04	8.72E-04	2.25E-03	3.46E-03	9.70E-05	7.06E-04	4.35E-04	7.60E-01	3.97E-01	8.84E-04	2.84E-03	1.54E+00
130	370324	3758078	School	4.62E+00	6.22E-03	1.03E-04	5.92E-05	1.73E-04	3.22E-04	1.90E-02	1.16E-04	5.72E-04	1.72E-03	2.72E-03	9.44E-05	4.31E-04	1.94E-04	5.74E-01	2.05E-01	7.46E-04	2.40E-03	1.75E+00
131	370381	3757991	School	3.87E+00	4.71E-03	8.13E-05	4.96E-05	1.37E-04	3.02E-04	1.52E-02	1.02E-04	5.11E-04	1.49E-03	2.35E-03	7.52E-05	3.92E-04	1.98E-04	5.01E-01	1.97E-01	6.32E-04	2.00E-03	1.31E+00
132	370435	3758019	School	3.59E+00	4.32E-03	7.46E-05	4.55E-05	1.23E-04	2.88E-04	1.36E-02	9.51E-05	4.77E-04	1.38E-03	2.16E-03	6.91E-05	3.68E-04	1.93E-04	4.63E-01	1.88E-01	5.80E-04	1.84E-03	1.20E+00
133	370499	3758050	School	3.48E+00	4.04E-03	7.12E-05	4.45E-05	1.28E-04	2.79E-04	1.44E-02	9.44E-05	4.74E-04	1.36E-03	2.13E-03	6.61E-05	3.67E-04	1.87E-04	4.56E-01	1.91E-01	5.69E-04	1.79E-03	1.12E+00
134	370485	3758025	School	3.64E+00	4.07E-03	7.41E-05	4.81E-05	1.34E-04	2.88E-04	1.52E-02	1.00E-04	4.98E-04	1.46E-03	2.30E-03	6.91E-05	3.82E-04	1.90E-04	4.92E-01	1.94E-01	6.18E-04	1.89E-03	1.12E+00
135	370481	3758086	School	3.42E+00	4.19E-03	7.13E-05	4.27E-05	1.17E-04	2.75E-04	1.29E-02	8.96E-05	4.52E-04	1.29E-03	2.02E-03	6.59E-05	3.50E-04	1.85E-04	4.34E-01	1.80E-01	5.42E-04	1.74E-03	1.17E+00
305	369787	3755242	School	5.64E+00	5.38E-03	1.15E-04	8.71E-05	1.92E-04	3.89E-04	2.16E-02	1.63E-04	7.47E-04	2.60E-03	4.14E-03	1.10E-04	5.32E-04	2.26E-04	8.84E-01	2.17E-01	1.14E-03	3.09E-03	1.44E+00
379	370299	3758078	School	5.05E+00	6.88E-03	1.14E-04	6.55E-05	1.92E-04	3.39E-04	2.12E-02	1.26E-04	6.17E-04	1.88E-03	3.00E-03	1.05E-04	4.61E-04	1.98E-04	6.30E-01	2.14E-01	8.27E-04	2.64E-03	1.93E+00
380	370298	3757963	School	5.13E+00	6.72E-03	1.14E-04	6.72E-05	1.94E-04	3.54E-04	2.16E-02	1.31E-04	6.40E-04	1.95E-03	3.11E-03	1.05E-04	4.80E-04	2.11E-04	6.54E-01	2.25E-01	8.52E-04	2.68E-03	1.88E+00
381	370382	3757966	School	3.81E+00	4.50E-03	7.90E-05	4.92E-05	1.35E-04	3.02E-04	1.50E-02	1.02E-04	5.10E-04	1.49E-03	2.34E-03	7.33E-05	3.92E-04	2.00E-04	5.00E-01	1.98E-01	6.28E-04	1.97E-03	1.25E+00
382	370510	3758027	School	3.86E+00	4.45E-03	7.99E-05	5.10E-05	1.45E-04	2.95E-04	1.64E-02	1.05E-04	5.19E-04	1.53E-03	2.43E-03	7.44E-05	3.96E-04	1.91E-04	5.17E-01	1.98E-01	6.54E-04	2.01E-03	1.23E+00
383	370506	3758088	School	3.31E+00	4.05E-03	6.88E-05	4.10E-05	1.15E-04	2.70E-04	1.26E-02	8.71E-05	4.42E-04	1.25E-03	1.95E-03	6.34E-05	3.44E-04	1.83E-04	4.18E-01	1.80E-01	5.20E-04	1.68E-03	1.13E+00
445	369787	3755267	School	5.77E+00	5.54E-03	1.18E-04	8.91E-05	1.97E-04	3.95E-04	2.22E-02	1.66E-04	7.61E-04	2.65E-03	4.23E-03	1.13E-04	5.41E-04	2.28E-04	9.02E-01	2.20E-01	1.17E-03	3.16E-03	1.49E+00

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m^3)	AMMONIUM ION (µg/m^3)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m^3)	ANTIMONY Acute Hazard	ARSENIC (µg/m^3)	ARSENIC Acute Hazard	BROMINE (µg/m^3)	BROMINE Acute Hazard	CADMIUM (µg/m^3)	CADMIUM Acute Hazard	CHLORINE (µg/m^3)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m^3)	CHROMIUM VI Acute Hazard	COPPER (µg/m^3)	COPPER Acute Hazard
			CalEPA Acute REL	NA		3200		NA		0.2		NA		NA		210		NA		100
29	370479	3756654	Commercial	2.81E+01	2.70E-02	8.44E-06	6.21E-04	NA	4.97E-04	2.48E-03	1.12E-03	NA	1.28E-03	NA	1.28E-01	6.11E-04	8.11E-04	NA	3.39E-03	3.39E-05
141	370911	3758089	Commercial	6.86E+00	8.11E-03	2.53E-06	1.53E-04	NA	1.03E-04	5.16E-04	2.69E-04	NA	4.04E-04	NA	3.03E-02	1.44E-04	1.84E-04	NA	8.44E-04	8.44E-06
142	370911	3757976	Commercial	7.08E+00	9.03E-03	2.82E-06	1.60E-04	NA	1.01E-04	5.06E-04	2.80E-04	NA	4.24E-04	NA	3.14E-02	1.50E-04	1.83E-04	NA	8.58E-04	8.58E-06
143	370911	3757863	Commercial	5.65E+00	6.12E-03	1.91E-06	1.19E-04	NA	8.28E-05	4.14E-04	2.16E-04	NA	3.80E-04	NA	2.46E-02	1.17E-04	1.57E-04	NA	7.39E-04	7.39E-06
144	370910	3757751	Commercial	5.73E+00	4.79E-03	1.50E-06	1.14E-04	NA	9.32E-05	4.66E-04	1.99E-04	NA	3.92E-04	NA	2.28E-02	1.09E-04	1.74E-04	NA	7.82E-04	7.82E-06
145	370930	3757712	Commercial	6.00E+00	4.95E-03	1.55E-06	1.20E-04	NA	9.91E-05	4.95E-04	2.11E-04	NA	4.04E-04	NA	2.42E-02	1.15E-04	1.83E-04	NA	8.19E-04	8.19E-06
146	370961	3757689	Commercial	6.14E+00	5.04E-03	1.57E-06	1.23E-04	NA	1.02E-04	5.10E-04	2.17E-04	NA	4.08E-04	NA	2.49E-02	1.19E-04	1.88E-04	NA	8.36E-04	8.36E-06
147	371046	3757693	Commercial	6.04E+00	4.98E-03	1.55E-06	1.21E-04	NA	1.00E-04	5.02E-04	2.14E-04	NA	3.98E-04	NA	2.46E-02	1.17E-04	1.84E-04	NA	8.21E-04	8.21E-06
148	371071	3757668	Commercial	6.04E+00	5.04E-03	1.57E-06	1.21E-04	NA	1.00E-04	5.01E-04	2.15E-04	NA	3.96E-04	NA	2.47E-02	1.18E-04	1.83E-04	NA	8.18E-04	8.18E-06
149	371071	3757585	Commercial	6.25E+00	5.49E-03	1.72E-06	1.27E-04	NA	1.02E-04	5.12E-04	2.23E-04	NA	4.03E-04	NA	2.56E-02	1.22E-04	1.86E-04	NA	8.32E-04	8.32E-06
150	371047	3757610	Commercial	6.23E+00	5.32E-03	1.66E-06	1.26E-04	NA	1.03E-04	5.14E-04	2.22E-04	NA	4.05E-04	NA	2.55E-02	1.22E-04	1.88E-04	NA	8.37E-04	8.37E-06
151	371122	3757609	Commercial	6.16E+00	5.40E-03	1.69E-06	1.26E-04	NA	1.01E-04	5.06E-04	2.20E-04	NA	3.96E-04	NA	2.51E-02	1.20E-04	1.84E-04	NA	8.20E-04	8.20E-06
152	371099	3757595	Commercial	6.22E+00	5.47E-03	1.71E-06	1.27E-04	NA	1.02E-04	5.11E-04	2.22E-04	NA	4.00E-04	NA	2.54E-02	1.21E-04	1.86E-04	NA	8.28E-04	8.28E-06
153	371135	3757663	Commercial	5.85E+00	5.08E-03	1.59E-06	1.18E-04	NA	9.56E-05	4.78E-04	2.08E-04	NA	3.84E-04	NA	2.39E-02	1.14E-04	1.75E-04	NA	7.86E-04	7.86E-06
168	371995	3757843	Commercial	4.99E+00	4.39E-03	1.37E-06	1.04E-04	NA	8.48E-05	4.24E-04	1.82E-04	NA	2.98E-04	NA	2.09E-02	9.94E-05	1.50E-04	NA	6.53E-04	6.53E-06
169	371969	3757867	Commercial	4.89E+00	4.36E-03	1.36E-06	1.02E-04	NA	8.22E-05	4.11E-04	1.78E-04	NA	2.97E-04	NA	2.04E-02	9.70E-05	1.46E-04	NA	6.41E-04	6.41E-06
170	372023	3757868	Commercial	4.90E+00	4.32E-03	1.35E-06	1.02E-04	NA	8.29E-05	4.15E-04	1.79E-04	NA	2.94E-04	NA	2.04E-02	9.74E-05	1.47E-04	NA	6.41E-04	6.41E-06
171	372048	3757843	Commercial	4.98E+00	4.34E-03	1.35E-06	1.04E-04	NA	8.51E-05	4.25E-04	1.82E-04	NA	2.94E-04	NA	2.09E-02	9.93E-05	1.49E-04	NA	6.51E-04	6.51E-06
172	372047	3757746	Commercial	5.17E+00	4.46E-03	1.39E-06	1.08E-04	NA	8.96E-05	4.48E-04	1.91E-04	NA	2.97E-04	NA	2.19E-02	1.04E-04	1.56E-04	NA	6.72E-04	6.72E-06
173	372046	3757649	Commercial	5.12E+00	4.50E-03	1.41E-06	1.08E-04	NA	8.88E-05	4.44E-04	1.91E-04	NA	2.88E-04	NA	2.19E-02	1.04E-04	1.54E-04	NA	6.62E-04	6.62E-06
174	372045	3757551	Commercial	4.82E+00	4.43E-03	1.38E-06	1.02E-04	NA	8.22E-05	4.11E-04	1.81E-04	NA	2.69E-04	NA	2.08E-02	9.90E-05	1.42E-04	NA	6.16E-04	6.16E-06
175	372041	3757448	Commercial	4.45E+00	4.27E-03	1.34E-06	9.54E-05	NA	7.45E-05	3.73E-04	1.69E-04	NA	2.49E-04	NA	1.93E-02	9.20E-05	1.29E-04	NA	5.64E-04	5.64E-06
176	372036	3757345	Commercial	4.30E+00	4.05E-03	1.27E-06	9.09E-05	NA	7.14E-05	3.57E-04	1.62E-04	NA	2.49E-04	NA	1.85E-02	8.80E-05	1.25E-04	NA	5.51E-04	5.51E-06
177	372032	3757242	Commercial	4.01E+00	4.02E-03	1.26E-06	8.51E-05	NA	6.38E-05	3.19E-04	1.47E-04	NA	2.46E-04	NA	1.67E-02	7.96E-05	1.14E-04	NA	5.14E-04	5.14E-06
178	372027	3757139	Commercial	4.30E+00	4.43E-03	1.39E-06	9.18E-05	NA	6.76E-05	3.38E-04	1.60E-04	NA	2.65E-04	NA	1.81E-02	8.60E-05	1.22E-04	NA	5.49E-04	5.49E-06
179	372003	3757115	Commercial	4.52E+00	4.58E-03	1.43E-06	9.65E-05	NA	7.21E-05	3.60E-04	1.68E-04	NA	2.76E-04	NA	1.91E-02	9.07E-05	1.29E-04	NA	5.79E-04	5.79E-06
180	371881	3757114	Commercial	4.53E+00	4.77E-03	1.49E-06	9.72E-05	NA	7.06E-05	3.53E-04	1.69E-04	NA	2.78E-04	NA	1.91E-02	9.09E-05	1.27E-04	NA	5.75E-04	5.75E-06
181	371758	3757113	Commercial	4.73E+00	5.00E-03	1.56E-06	1.02E-04	NA	7.39E-05	3.69E-04	1.77E-04	NA	2.88E-04	NA	2.00E-02	9.52E-05	1.33E-04	NA	5.99E-04	5.99E-06
182	371636	3757112	Commercial	5.34E+00	5.28E-03	1.65E-06	1.14E-04	NA	8.67E-05	4.33E-04	2.02E-04	NA	3.13E-04	NA	2.30E-02	1.10E-04	1.53E-04	NA	6.80E-04	6.80E-06
183	371514	3757111	Commercial	6.12E+00	6.03E-03	1.88E-06	1.31E-04	NA	1.01E-04	5.04E-04	2.34E-04	NA	3.45E-04	NA	2.68E-02	1.28E-04	1.76E-04	NA	7.73E-04	7.73E-06
184	371394	3757110	Commercial	6.94E+00	6.95E-03	2.17E-06	1.50E-04	NA	1.15E-04	5.74E-04	2.68E-04	NA	3.77E-04	NA	3.07E-02	1.46E-04	1.98E-04	NA	8.66E-04	8.66E-06
185	371275	3757110	Commercial	7.96E+00	7.94E-03	2.48E-06	1.74E-04	NA	1.33E-04	6.67E-04	3.10E-04	NA	4.17E-04	NA	3.54E-02	1.69E-04	2.27E-04	NA	9.85E-04	9.85E-06
186	371155	3757109	Commercial	9.24E+00	8.93E-03	2.79E-06	2.01E-04	NA	1.59E-04	7.94E-04	3.60E-04	NA	4.68E-04	NA	4.12E-02	1.96E-04	2.67E-04	NA	1.14E-03	1.14E-05
187	371035	3757108	Commercial	1.03E+01	9.70E-03	3.03E-06	2.24E-04	NA	1.80E-04	9.01E-04	4.01E-04	NA	5.18E-04	NA	4.60E-02	2.19E-04	3.02E-04	NA	1.28E-03	1.28E-05
188	371060	3757133	Commercial	1.01E+01	9.35E-03	2.92E-06	2.18E-04	NA	1.76E-04	8.79E-04	3.89E-04	NA	5.09E-04	NA	4.46E-02	2.12E-04	2.95E-04	NA	1.25E-03	1.25E-05
189	371059	3757085	Commercial	1.02E+01	9.75E-03	3.05E-06	2.22E-04	NA	1.76E-04	8.79E-04	3.96E-04	NA	5.07E-04	NA	4.54E-02	2.16E-04	2.94E-04	NA	1.25E-03	1.25E-05
190	371034	3757060	Commercial	1.04E+01	1.01E-02	3.17E-06	2.28E-04	NA	1.79E-04	8.97E-04	4.08E-04	NA	5.21E-04	NA	4.68E-02	2.23E-04	3.01E-04	NA	1.28E-03	1.28E-05
191	370944	3757061	Commercial	1.13E+01	1.07E-02	3.33E-06	2.46E-04	NA	1.97E-04	9.83E-04	4.39E-04	NA	5.58E-04	NA	5.04E-02	2.40E-04	3.28E-04	NA	1.39E-03	1.39E-05
192	370854	3757061	Commercial	1.19E+01	1.09E-02	3.41E-06	2.57E-04	NA	2.09E-04	1.05E-03	4.59E-04	NA	5.94E-04	NA	5.28E-02	2.51E-04	3.50E-04	NA	1.48E-03	1.48E-05
193	370764	3757062	Commercial	1.22E+01	1.11E-02	3.46E-06	2.63E-04	NA	2.15E-04	1.08E-03	4.68E-04	NA	6.19E-04	NA	5.38E-02	2.56E-04	3.61E-04	NA	1.53E-03	1.53E-05
194	370789	3757086	Commercial	1.17E+01	1.06E-02	3.32E-06	2.52E-04	NA	2.06E-04	1.03E-03	4.47E-04	NA	6.00E-04	NA	5.14E-02	2.45E-04	3.46E-04	NA	1.47E-03	1.47E-05
195	370786	3756996	Commercial	1.32E+01	1.23E-02	3.84E-06	2.87E-04	NA	2.31E-04	1.16E-03	5.13E-04	NA	6.39E-04	NA	5.89E-02	2.81E-04	3.84E-04	NA	1.62E-03	1.62E-05
196	370782	3756907	Commercial	1.41E+01	1.46E-02	4.55E-06	3.14E-04	NA	2.39E-04	1.19E-03	5.63E-04	NA	6.89E-04	NA	6.45E-02	3.07E-04	3.99E-04	NA	1.71E-03	1.71E-05
197	370779	3756817	Commercial	1.78E+01	2.01E-02	6.29E-06	4.06E-04	NA	2.92E-04	1.46E-03	7.32E-04	NA	8.42E-04	NA	8.35E-02	3.98E-04	4.85E-04	NA	2.10E-03	2.10E-05
198	370755	3756843	Commercial	1.57E+01	1.77E-02	5.53E-06	3.56E-04	NA	2.55E-04	1.28E-03	6.40E-04	NA	7.58E-04	NA	7.30E-02	3.47E-04	4.27E-04	NA	1.86E-03	1.86E-05
199	370847	3756839	Commercial	1.45E+01	1.72E-02	5.38E-06	3.33E-04	NA	2.30E-04	1.15E-03	6.00E-04	NA	7.11E-04	NA	6.82E-02	3.25E-04	3.88E-04	NA	1.71E-03	1.71E-05
200	370940	3756836	Commercial	1.19E+01	1.37E-02	4.28E-06	2.68E-04	NA	1.88E-04	9.39E-04	4.83E-04	NA	6.07E-04	NA	5.49E-02	2.61E-04	3.20E-04	NA	1.42E-03	1.42E-05
201	371032	3756832	Commercial	1.10E+01	1.16E-02	3.64E-06	2.43E-04	NA	1.81E-04	9.03E-04	4.32E-04	NA	5.73E-04	NA	4.92E-02	2.34E-04	3.07E-04	NA	1.34E-03	1.34E-05
202	371056	3756809	Commercial	1.16E+01	1.18E-02	3.70E-06	2.55E-04	NA	1.94E-04	9.72E-04	4.54E-04	NA	5.98E-04	NA	5.18E-02	2.47E-04	3.29E-04	NA	1.42E-03	1.42E-05
203	371058	3756782	Commercial	1.23E+01	1.23E-02	3.84E-06	2.70E-04	NA	2.09E-04	1.05E-03	4.82E-04	NA	6.28E-04	NA	5.51E-02	2.62E-04	3.53E-04	NA	1.52E-03	1.52E-05
204	371034	3756805	Commercial	1.19E+01	1.23E-02	3.83E-06	2.63E-04	NA	1.99E-04	9.97E-04	4.68E-04	NA	6.11E-04	NA	5.34E-02	2.54E-04	3.37E-04	NA	1.46E-03	1.46E-05
205	371146	3756803	Commercial	1.10E+01	1.07E-02	3.35E-06	2.39E-04	NA	1.87E-04	9.34E-04	4.25E-04	NA	5.71E-04	NA	4.86E-02	2.31E-04	3.17E-04	NA	1.36E-03	1.36E-05
206	371259	3756800	Commercial	1.01E+01	9.48E-03	2.96E-06	2.18E-04	NA	1.74E-04	8.72E-04	3.87E-04	NA	5.34E-04	NA	4.44E-02	2.12E-04	2.96E-04	NA	1.27E-03	1.27E-05
207	371371	3756798	Commercial	9.33E+00	8.48E-03	2.65E-06	1.99E-04	NA	1.62E-04	8.10E-04	3.54E-04	NA	4.99E-04	NA	4.06E-02	1.94E-04	2.76E-04	NA	1.18E-03	1.18E-05
208	371484	3756795	Commercial	8.60E+00	7.65E-03	2.39E-06	1.83E-04	NA	1.50E-04	7.49E-04	3.24E-04	NA	4.67E-04	NA	3.72E-02	1.77E-04	2.56E-04	NA	1.10E-03	1.10E-05
209	371595	3756793	Commercial	7.93E+00	6.97E-03	2.18E-06	1.68E-04	NA	1.38E-04	6.91E-04	2.97E-04	NA	4.37E-04	NA	3.41E-02	1.63E-04	2.37E-04	NA	1.02E-03	1.02E-05
210	371706	3756791	Commercial	7.31E+00	6.37E-03	1.99E-06	1.54E-04	NA	1.27E-04	6.37E-04	2.73E-04	NA	4.09E-04	NA	3.13E-02	1.49E-04	2.20E-04	NA	9.44E-04	9.44E-06
211	371818	3756788	Commercial	6.75E+00	5.86E-03	1.83E-06	1.42E-04	NA	1.17E-04	5.86E-04	2.51E-04	NA	3.83E-04	NA	2.88E-02	1.37E-04	2.03E-04	NA	8.76E-04	8.76E-06
212	371932	3756786	Commercial	6.23E+00	5.40E-03	1.69E-06	1.30E-04	NA	1.08E-04	5.38E-04	2.30E-04	NA	3.59E-04	NA	2.65E-02	1.26E-04	1.88E-04	NA	8.11E-04	8.11E-06
213	372046	3756783	Commercial	5.76E+00	5.00E-03	1.56E-06	1.20E-04	NA	9.90E-05	4.95E-04	2.12E-04	NA	3.36E-04	NA	2.43E-02	1.16E-04	1.73E-04	NA	7.52E-04	7.52E-06
214	372161	3756780	Commercial	5.33E+00	4.64E-03	1.45E-06	1.11E-04	NA	9.10E-05	4.55E-04	1.95E-04	NA	3.16E-04	NA	2.24E-02	1.07E-04	1.60E-04	NA	6.98E-04	6.98E-06
215	372275	3756778	Commercial	4.94E+00	4.32E-03	1.35E-06	1.03E-04	NA	8.38E-05	4.19E-04	1.81E-04	NA	2.97E-04	NA	2.07E-02	9.86E-05	1.48E-04	NA	6.49E-04	6.49E-06
216	372385	3756776	Commercial	4.60E+00	4.05E-03	1.27E-06	9.53E-05	NA	7.75E-05	3.87E-04	1.68E-04	NA	2.80E-04	NA	1.92E-02	9.15E-05	1.38E-04	NA	6.05E-04	6.05E-06
217	372494	3756773	Commercial	4.28E+00	3.80E-03	1.19E-06	8.87E-05	NA	7.17E-05	3.58E-04	1.56E-04	NA	2.65E-04	NA	1.79E-02	8.50E-05	1.28E-04	NA	5.66E-04	5.66E-06
218	372604	3756771	Commercial	4.00E+00	3.58E-03	1.12E-06	8.28E-05	NA	6.64E-05	3.32E-04	1.45E-04	NA	2.51E-04	NA	1.66E-02	7.91E-05	1.19E-04	NA	5.29E-04	5.29E-06
219	372714	3756768	Commercial	3.75E+00	3.41E-03	1.06E-06	7.76E-05	NA	6.16E-05	3.08E-04	1.36E-04	NA	2.38E-04	NA	1.55E-02	7.40E-05	1.11E-04	NA	4.96E-04	4.96E-06
220	372738	3756742	Commercial	3.58E+00	3.34E-03	1.04E-06	7.42E-05	NA	5.78E-05	2.89E-04	1.30E-04	NA	2.30E-04	NA	1.48E-02	7.06E-05	1.05E-04	NA	4.73E-04	4.73E-06
221	372733	3756647	Commercial	3.77E+00	3.43E-03	1.07E-06	7.83E-05	NA	6.22E-05	3.11E-04	1.37E-04	NA	2.36E-04	NA	1.57E-02	7.47E-05	1.12E-04	NA	4.97E-04	4.97E-06
222	372820	3756574	Commercial	3.92E+00	3.54E-03	1.11E-06	8.18E-05	NA	6.56E-05	3.28E-04	1.44E-04	NA	2.37E-04	NA	1.65E-02	7.84E-05	1.16E-04	NA	5.13E-04	5.13E-06
223	372844	3756548	Commercial	3.95E+00	3.55E-03	1.11E-06	8.26E-05	NA	6.65E-05	3.33E-04	1.45E-04	NA	2.37E-04	NA	1.66E-02	7.92E-05	1.18E-04	NA	5.17E-04	5.17E-06
224	372839	3756454	Commercial	4.09E+00	3.67E-03	1.15E-06	8.60E-05	NA	6.96E-05	3.48E-04	1.52E-04	NA	2.39E-04	NA	1.74E-02	8.27E-05	1.22E-04	NA	5.32E-04	5.32E-06
225	372821	3756363	Commercial	3.93E+00	3.61E-03	1.13E-06	8.29E-05	NA	6.62E-05	3.31E-04	1.46E-04	NA	2.29E-04	NA	1.67E-02	7.95E-05	1.16E-04	NA	5.08E-04	5.08E-06

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard
226	372796	3756343	Commercial	3.90E+00	3.63E-03	1.13E-06	8.25E-05	NA	6.54E-05	3.27E-04	1.45E-04	NA	2.28E-04	NA	1.66E-02	7.90E-05	1.15E-04	NA	5.03E-04	5.03E-06
227	372731	3756328	Commercial	3.96E+00	3.75E-03	1.17E-06	8.40E-05	NA	6.59E-05	3.29E-04	1.48E-04	NA	2.32E-04	NA	1.69E-02	8.04E-05	1.16E-04	NA	5.09E-04	5.09E-06
228	372707	3756352	Commercial	4.15E+00	3.95E-03	1.23E-06	8.84E-05	NA	6.93E-05	3.47E-04	1.56E-04	NA	2.41E-04	NA	1.78E-02	8.48E-05	1.21E-04	NA	5.33E-04	5.33E-06
229	372928	3756344	Commercial	3.66E+00	3.33E-03	1.04E-06	7.69E-05	NA	6.17E-05	3.09E-04	1.35E-04	NA	2.16E-04	NA	1.55E-02	7.37E-05	1.09E-04	NA	4.75E-04	4.75E-06
230	372952	3756319	Commercial	3.54E+00	3.23E-03	1.01E-06	7.43E-05	NA	5.94E-05	2.97E-04	1.31E-04	NA	2.11E-04	NA	1.49E-02	7.11E-05	1.05E-04	NA	4.61E-04	4.61E-06
231	372951	3756245	Commercial	3.28E+00	3.06E-03	9.57E-07	6.87E-05	NA	5.40E-05	2.70E-04	1.20E-04	NA	2.03E-04	NA	1.37E-02	6.54E-05	9.67E-05	NA	4.29E-04	4.29E-06
232	372927	3756270	Commercial	3.41E+00	3.16E-03	9.88E-07	7.15E-05	NA	5.64E-05	2.82E-04	1.25E-04	NA	2.08E-04	NA	1.43E-02	6.82E-05	1.01E-04	NA	4.45E-04	4.45E-06
233	373033	3756268	Commercial	3.27E+00	3.00E-03	9.38E-07	6.83E-05	NA	5.42E-05	2.71E-04	1.20E-04	NA	2.00E-04	NA	1.37E-02	6.51E-05	9.67E-05	NA	4.28E-04	4.28E-06
234	373139	3756266	Commercial	3.47E+00	3.87E-03	1.21E-06	7.62E-05	NA	5.36E-05	2.68E-04	1.38E-04	NA	2.05E-04	NA	1.57E-02	7.47E-05	9.62E-05	NA	4.37E-04	4.37E-06
235	373245	3756264	Commercial	3.40E+00	3.89E-03	1.22E-06	7.52E-05	NA	5.19E-05	2.60E-04	1.36E-04	NA	2.00E-04	NA	1.55E-02	7.36E-05	9.32E-05	NA	4.25E-04	4.25E-06
236	373351	3756262	Commercial	2.94E+00	2.72E-03	8.49E-07	6.15E-05	NA	4.87E-05	2.43E-04	1.08E-04	NA	1.82E-04	NA	1.23E-02	5.87E-05	8.71E-05	NA	3.86E-04	3.86E-06
237	373457	3756261	Commercial	2.95E+00	2.91E-03	9.11E-07	6.28E-05	NA	4.78E-05	2.39E-04	1.10E-04	NA	1.80E-04	NA	1.25E-02	5.97E-05	8.54E-05	NA	3.81E-04	3.81E-06
238	373482	3756235	Commercial	3.01E+00	3.17E-03	9.90E-07	6.51E-05	NA	4.76E-05	2.38E-04	1.14E-04	NA	1.82E-04	NA	1.29E-02	6.17E-05	8.51E-05	NA	3.83E-04	3.83E-06
239	373480	3756123	Commercial	4.16E+00	4.90E-03	1.53E-06	9.41E-05	NA	6.47E-05	3.23E-04	1.67E-04	NA	2.26E-04	NA	1.88E-02	8.97E-05	1.12E-04	NA	5.03E-04	5.03E-06
240	373479	3756010	Commercial	6.13E+00	7.64E-03	2.39E-06	1.43E-04	NA	9.59E-05	4.80E-04	2.54E-04	NA	3.01E-04	NA	2.86E-02	1.36E-04	1.61E-04	NA	7.13E-04	7.13E-06
241	373477	3755897	Commercial	2.66E+00	3.46E-03	1.08E-06	5.99E-05	NA	3.66E-05	1.83E-04	1.05E-04	NA	1.68E-04	NA	1.17E-02	5.56E-05	6.81E-05	NA	3.26E-04	3.26E-06
242	373476	3755785	Commercial	1.97E+00	2.39E-03	7.48E-07	4.22E-05	NA	2.64E-05	1.32E-04	7.63E-05	NA	1.41E-04	NA	8.60E-03	4.10E-05	5.25E-05	NA	2.57E-04	2.57E-06
243	373474	3755672	Commercial	1.72E+00	1.88E-03	5.88E-07	3.55E-05	NA	2.40E-05	1.20E-04	6.44E-05	NA	1.30E-04	NA	7.31E-03	3.48E-05	4.83E-05	NA	2.34E-04	2.34E-06
244	373473	3755559	Commercial	1.49E+00	1.44E-03	4.49E-07	2.93E-05	NA	2.12E-05	1.06E-04	5.31E-05	NA	1.18E-04	NA	6.07E-03	2.89E-05	4.35E-05	NA	2.10E-04	2.10E-06
245	373447	3755535	Commercial	1.44E+00	1.35E-03	4.23E-07	2.80E-05	NA	2.06E-05	1.03E-04	5.08E-05	NA	1.16E-04	NA	5.81E-03	2.77E-05	4.24E-05	NA	2.05E-04	2.05E-06
246	373334	3755539	Commercial	1.44E+00	1.34E-03	4.18E-07	2.79E-05	NA	2.07E-05	1.04E-04	4.81E-05	NA	1.18E-04	NA	5.44E-03	2.59E-05	4.26E-05	NA	2.05E-04	2.05E-06
247	373221	3755544	Commercial	1.47E+00	1.36E-03	4.26E-07	2.83E-05	NA	2.09E-05	1.05E-04	4.87E-05	NA	1.21E-04	NA	5.51E-03	2.62E-05	4.32E-05	NA	2.08E-04	2.08E-06
248	373197	3755568	Commercial	1.51E+00	1.41E-03	4.41E-07	2.93E-05	NA	2.16E-05	1.08E-04	5.05E-05	NA	1.24E-04	NA	5.71E-03	2.72E-05	4.45E-05	NA	2.14E-04	2.14E-06
249	373196	3755636	Commercial	1.63E+00	1.54E-03	4.82E-07	3.20E-05	NA	2.36E-05	1.18E-04	5.78E-05	NA	1.30E-04	NA	6.61E-03	3.15E-05	4.82E-05	NA	2.32E-04	2.32E-06
250	373194	3755705	Commercial	1.91E+00	2.19E-03	6.84E-07	3.99E-05	NA	2.60E-05	1.30E-04	7.20E-05	NA	1.42E-04	NA	8.15E-03	3.88E-05	5.23E-05	NA	2.55E-04	2.55E-06
251	373220	3755680	Commercial	1.72E+00	1.69E-03	5.27E-07	3.42E-05	NA	2.47E-05	1.23E-04	6.17E-05	NA	1.34E-04	NA	7.04E-03	3.35E-05	5.00E-05	NA	2.40E-04	2.40E-06
252	373135	3755679	Commercial	1.94E+00	2.32E-03	7.25E-07	4.11E-05	NA	2.58E-05	1.29E-04	7.42E-05	NA	1.44E-04	NA	8.38E-03	3.99E-05	5.22E-05	NA	2.57E-04	2.57E-06
253	373160	3755704	Commercial	2.00E+00	2.46E-03	7.68E-07	4.29E-05	NA	2.65E-05	1.32E-04	7.74E-05	NA	1.46E-04	NA	8.72E-03	4.15E-05	5.32E-05	NA	2.62E-04	2.62E-06
254	373158	3755635	Commercial	1.72E+00	1.79E-03	5.61E-07	3.47E-05	NA	2.40E-05	1.20E-04	6.27E-05	NA	1.34E-04	NA	7.13E-03	3.40E-05	4.90E-05	NA	2.38E-04	2.38E-06
255	373156	3755566	Commercial	1.52E+00	1.42E-03	4.42E-07	2.93E-05	NA	2.16E-05	1.08E-04	5.21E-05	NA	1.25E-04	NA	5.93E-03	2.82E-05	4.48E-05	NA	2.17E-04	2.17E-06
256	373132	3755542	Commercial	1.48E+00	1.37E-03	4.29E-07	2.84E-05	NA	2.09E-05	1.04E-04	5.07E-05	NA	1.23E-04	NA	5.78E-03	2.75E-05	4.36E-05	NA	2.12E-04	2.12E-06
257	373055	3755538	Commercial	1.53E+00	1.55E-03	4.83E-07	3.01E-05	NA	2.10E-05	1.05E-04	5.45E-05	NA	1.26E-04	NA	6.21E-03	2.95E-05	4.41E-05	NA	2.17E-04	2.17E-06
258	373079	3755562	Commercial	1.59E+00	1.62E-03	5.08E-07	3.15E-05	NA	2.18E-05	1.09E-04	5.70E-05	NA	1.28E-04	NA	6.49E-03	3.09E-05	4.55E-05	NA	2.23E-04	2.23E-06
259	373077	3755465	Commercial	1.34E+00	1.24E-03	3.88E-07	2.53E-05	NA	1.83E-05	9.16E-05	4.48E-05	NA	1.15E-04	NA	5.09E-03	2.42E-05	3.93E-05	NA	1.94E-04	1.94E-06
260	373075	3755368	Commercial	1.35E+00	1.27E-03	3.98E-07	2.60E-05	NA	1.89E-05	9.45E-05	4.55E-05	NA	1.13E-04	NA	5.15E-03	2.45E-05	3.95E-05	NA	1.93E-04	1.93E-06
261	373073	3755271	Commercial	1.45E+00	1.31E-03	4.09E-07	2.81E-05	NA	2.13E-05	1.07E-04	4.93E-05	NA	1.12E-04	NA	5.60E-03	2.67E-05	4.27E-05	NA	2.02E-04	2.02E-06
262	373071	3755174	Commercial	1.52E+00	1.33E-03	4.16E-07	2.98E-05	NA	2.34E-05	1.17E-04	5.23E-05	NA	1.11E-04	NA	5.96E-03	2.84E-05	4.52E-05	NA	2.09E-04	2.09E-06
263	373046	3755149	Commercial	1.55E+00	1.35E-03	4.22E-07	3.06E-05	NA	2.42E-05	1.21E-04	5.36E-05	NA	1.11E-04	NA	6.12E-03	2.92E-05	4.63E-05	NA	2.13E-04	2.13E-06
264	372939	3755150	Commercial	1.64E+00	1.41E-03	4.40E-07	3.23E-05	NA	2.58E-05	1.29E-04	5.67E-05	NA	1.16E-04	NA	6.48E-03	3.09E-05	4.90E-05	NA	2.24E-04	2.24E-06
265	372832	3755151	Commercial	1.72E+00	1.47E-03	4.58E-07	3.41E-05	NA	2.74E-05	1.37E-04	5.98E-05	NA	1.20E-04	NA	6.84E-03	3.26E-05	5.17E-05	NA	2.35E-04	2.35E-06
266	372725	3755152	Commercial	1.80E+00	1.52E-03	4.76E-07	3.57E-05	NA	2.90E-05	1.45E-04	6.27E-05	NA	1.24E-04	NA	7.18E-03	3.42E-05	5.43E-05	NA	2.46E-04	2.46E-06
267	372623	3755157	Commercial	1.87E+00	1.58E-03	4.93E-07	3.73E-05	NA	3.03E-05	1.52E-04	6.53E-05	NA	1.28E-04	NA	7.48E-03	3.56E-05	5.66E-05	NA	2.56E-04	2.56E-06
268	372527	3755158	Commercial	1.94E+00	1.62E-03	5.08E-07	3.86E-05	NA	3.15E-05	1.58E-04	6.76E-05	NA	1.32E-04	NA	7.75E-03	3.69E-05	5.86E-05	NA	2.64E-04	2.64E-06
269	372431	3755159	Commercial	2.00E+00	1.67E-03	5.22E-07	3.98E-05	NA	3.26E-05	1.63E-04	6.97E-05	NA	1.35E-04	NA	7.99E-03	3.80E-05	6.04E-05	NA	2.72E-04	2.72E-06
270	372334	3755160	Commercial	2.05E+00	1.71E-03	5.35E-07	4.08E-05	NA	3.35E-05	1.67E-04	7.15E-05	NA	1.38E-04	NA	8.19E-03	3.90E-05	6.20E-05	NA	2.78E-04	2.78E-06
271	372237	3755161	Commercial	2.09E+00	1.75E-03	5.47E-07	4.17E-05	NA	3.42E-05	1.71E-04	7.29E-05	NA	1.41E-04	NA	8.35E-03	3.98E-05	6.32E-05	NA	2.84E-04	2.84E-06
272	372139	3755161	Commercial	2.12E+00	1.79E-03	5.58E-07	4.24E-05	NA	3.46E-05	1.73E-04	7.40E-05	NA	1.43E-04	NA	8.47E-03	4.03E-05	6.40E-05	NA	2.88E-04	2.88E-06
273	372040	3755162	Commercial	2.14E+00	1.82E-03	5.68E-07	4.28E-05	NA	3.48E-05	1.74E-04	7.46E-05	NA	1.45E-04	NA	8.53E-03	4.06E-05	6.45E-05	NA	2.90E-04	2.90E-06
274	371941	3755163	Commercial	2.15E+00	1.85E-03	5.77E-07	4.29E-05	NA	3.46E-05	1.73E-04	7.48E-05	NA	1.46E-04	NA	8.54E-03	4.07E-05	6.44E-05	NA	2.91E-04	2.91E-06
275	371843	3755164	Commercial	2.15E+00	1.87E-03	5.85E-07	4.28E-05	NA	3.41E-05	1.71E-04	7.44E-05	NA	1.47E-04	NA	8.49E-03	4.04E-05	6.38E-05	NA	2.90E-04	2.90E-06
276	371748	3755165	Commercial	2.13E+00	1.90E-03	5.93E-07	4.25E-05	NA	3.33E-05	1.66E-04	7.36E-05	NA	1.47E-04	NA	8.37E-03	3.99E-05	6.26E-05	NA	2.86E-04	2.86E-06
277	371653	3755165	Commercial	2.08E+00	1.92E-03	6.00E-07	4.16E-05	NA	3.18E-05	1.59E-04	7.20E-05	NA	1.46E-04	NA	8.18E-03	3.89E-05	6.05E-05	NA	2.79E-04	2.79E-06
278	371558	3755166	Commercial	2.07E+00	2.12E-03	6.64E-07	4.20E-05	NA	2.96E-05	1.48E-04	7.59E-05	NA	1.46E-04	NA	8.65E-03	4.12E-05	5.78E-05	NA	2.74E-04	2.74E-06
279	371463	3755167	Commercial	2.05E+00	2.41E-03	7.53E-07	4.30E-05	NA	2.72E-05	1.36E-04	7.74E-05	NA	1.46E-04	NA	8.74E-03	4.16E-05	5.42E-05	NA	2.65E-04	2.65E-06
280	371359	3755168	Commercial	1.92E+00	2.35E-03	7.34E-07	4.03E-05	NA	2.43E-05	1.22E-04	7.26E-05	NA	1.42E-04	NA	8.16E-03	3.89E-05	4.99E-05	NA	2.49E-04	2.49E-06
281	371256	3755169	Commercial	1.97E+00	2.56E-03	7.99E-07	4.19E-05	NA	2.39E-05	1.19E-04	7.54E-05	NA	1.45E-04	NA	8.45E-03	4.02E-05	4.94E-05	NA	2.50E-04	2.50E-06
282	371152	3755170	Commercial	2.17E+00	2.87E-03	8.97E-07	4.70E-05	NA	2.67E-05	1.34E-04	8.44E-05	NA	1.53E-04	NA	9.45E-03	4.50E-05	5.40E-05	NA	2.71E-04	2.71E-06
283	371049	3755171	Commercial	2.38E+00	3.18E-03	9.93E-07	5.22E-05	NA	2.98E-05	1.49E-04	9.35E-05	NA	1.62E-04	NA	1.05E-02	4.98E-05	5.89E-05	NA	2.93E-04	2.93E-06
284	371024	3755197	Commercial	2.45E+00	3.26E-03	1.02E-06	5.35E-05	NA	3.04E-05	1.52E-04	9.57E-05	NA	1.68E-04	NA	1.07E-02	5.10E-05	6.05E-05	NA	3.02E-04	3.02E-06
285	371028	3755273	Commercial	2.48E+00	3.28E-03	1.03E-06	5.35E-05	NA	3.01E-05	1.51E-04	9.59E-05	NA	1.79E-04	NA	1.07E-02	5.11E-05	6.18E-05	NA	3.13E-04	3.13E-06
286	371031	3755350	Commercial	2.56E+00	3.32E-03	1.04E-06	5.42E-05	NA	3.06E-05	1.53E-04	9.74E-05	NA	1.92E-04	NA	1.09E-02	5.19E-05	6.43E-05	NA	3.28E-04	3.28E-06
287	371020	3755376	Commercial	2.61E+00	3.38E-03	1.06E-06	5.51E-05	NA	3.11E-05	1.56E-04	9.91E-05	NA	1.98E-04	NA	1.11E-02	5.28E-05	6.57E-05	NA	3.36E-04	3.36E-06
288	371018	3755470	Commercial	3.08E+00	3.54E-03	1.11E-06	6.35E-05	NA	4.05E-05	2.02E-04	1.15E-04	NA	2.29E-04	NA	1.29E-02	6.16E-05	8.25E-05	NA	4.06E-04	4.06E-06
289	371017	3755556	Commercial	3.64E+00	3.78E-03	1.18E-06	7.40E-05	NA	5.17E-05	2.59E-04	1.34E-04	NA	2.62E-04	NA	1.52E-02	7.25E-05	1.02E-04	NA	4.86E-04	4.86E-06
290	371040	3755532	Commercial	3.45E+00	3.62E-03	1.13E-06	7.02E-05	NA	4.86E-05	2.43E-04	1.27E-04	NA	2.51E-04	NA	1.44E-02	6.87E-05	9.63E-05	NA	4.61E-04	4.61E-06
291	371026	3755420	Commercial	2.81E+00	3.43E-03	1.07E-06	5.87E-05	NA	3.54E-05	1.77E-04	1.06E-04	NA	2.12E-04	NA	1.19E-02	5.66E-05	7.33E-05	NA	3.68E-04	3.68E-06
292	371016	3755399	Commercial	2.70E+00	3.42E-03	1.07E-06	5.68E-05	NA	3.29E-05	1.64E-04	1.02E-04	NA	2.05E-04	NA	1.15E-02	5.46E-05	6.90E-05	NA	3.50E-04	3.50E-06
293	370916	3755327	Commercial	2.74E+00	3.66E-03	1.14E-06	5.92E-05	NA	3.30E-05	1.65E-04	1.06E-04	NA	1.98E-04	NA	1.18E-02	5.63E-05	6.78E-05	NA	3.44E-04	3.44E-06
294	370816	3755255	Commercial	3.13E+00	3.92E-03	1.23E-06	6.83E-05	NA	4.20E-05	2.10E-04	1.22E-04	NA	2.04E-04	NA	1.37E-02	6.52E-05	8.03E-05	NA	3.87E-04	3.87E-06
385	370885	3757751	Commercial	5.68E+00	4.78E-03	1.49E-06	1.13E-04	NA	9.15E-05	4.58E-04	2.04E-04	NA	3.91E-04	NA	2.36E-02	1.12E-04	1.72E-04	NA	7.82E-04	7.82E-06
386	370907	3757702	Commercial	6.04E+00	4.99E-03	1.56E-06	1.20E-04	NA	9.95E-05	4.97E-04	2.12E-04	NA	4.07E-04	NA	2.43E-02	1.16E-04	1.84E-04	NA	8.24E-04	8.24E-06
387	370945	3757670	Commercial	6.24E+00	5.11E-03	1.60E-06	1.25E-04	NA	1.04E-04	5.19E-04	2.20E-04	NA	4.13E-04	NA	2.53E-02	1.21E-04	1.91E-04	NA	8.49E-04	8.49E-06
388	371046	3757668	Commercial	6.11E+00	5.05E-03	1.58E-06	1.22E-04	NA	1.02E-04	5.08E-04	2.17E-04	NA	4.01E-04	NA	2.50E-02	1.19E-04	1.86E-04	NA	8.28E-04	8.28E-06

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard
389	371046	3757585	Commercial	6.27E+00	5.47E-03	1.71E-06	1.27E-04	NA	1.03E-04	5.14E-04	2.24E-04	NA	4.06E-04	NA	2.57E-02	1.22E-04	1.88E-04	NA	8.38E-04	8.38E-06
390	371122	3757584	Commercial	6.34E+00	5.57E-03	1.74E-06	1.30E-04	NA	1.05E-04	5.24E-04	2.27E-04	NA	4.02E-04	NA	2.59E-02	1.23E-04	1.89E-04	NA	8.41E-04	8.41E-06
399	371970	3757842	Commercial	5.00E+00	4.42E-03	1.38E-06	1.04E-04	NA	8.46E-05	4.23E-04	1.82E-04	NA	3.00E-04	NA	2.09E-02	9.94E-05	1.50E-04	NA	6.54E-04	6.54E-06
400	372023	3757843	Commercial	4.99E+00	4.36E-03	1.36E-06	1.04E-04	NA	8.50E-05	4.25E-04	1.82E-04	NA	2.96E-04	NA	2.09E-02	9.94E-05	1.50E-04	NA	6.52E-04	6.52E-06
401	372020	3757552	Commercial	4.94E+00	4.51E-03	1.41E-06	1.05E-04	NA	8.47E-05	4.23E-04	1.86E-04	NA	2.76E-04	NA	2.13E-02	1.02E-04	1.46E-04	NA	6.33E-04	6.33E-06
402	372002	3757140	Commercial	4.28E+00	4.46E-03	1.39E-06	9.17E-05	NA	6.70E-05	3.35E-04	1.59E-04	NA	2.65E-04	NA	1.80E-02	8.58E-05	1.21E-04	NA	5.47E-04	5.47E-06
403	371514	3757136	Commercial	6.21E+00	6.12E-03	1.91E-06	1.34E-04	NA	1.03E-04	5.14E-04	2.38E-04	NA	3.45E-04	NA	2.73E-02	1.30E-04	1.79E-04	NA	7.83E-04	7.83E-06
404	371035	3757133	Commercial	1.02E+01	9.46E-03	2.96E-06	2.21E-04	NA	1.79E-04	8.95E-04	3.94E-04	NA	5.18E-04	NA	4.53E-02	2.16E-04	3.00E-04	NA	1.28E-03	1.28E-05
405	371034	3757085	Commercial	1.04E+01	9.91E-03	3.10E-06	2.27E-04	NA	1.80E-04	9.02E-04	4.05E-04	NA	5.17E-04	NA	4.64E-02	2.21E-04	3.02E-04	NA	1.28E-03	1.28E-05
406	370764	3757087	Commercial	1.17E+01	1.06E-02	3.32E-06	2.51E-04	NA	2.05E-04	1.03E-03	4.46E-04	NA	6.04E-04	NA	5.13E-02	2.44E-04	3.46E-04	NA	1.47E-03	1.47E-05
407	370754	3756818	Commercial	1.74E+01	1.99E-02	6.23E-06	3.98E-04	NA	2.83E-04	1.42E-03	7.17E-04	NA	8.27E-04	NA	8.17E-02	3.89E-04	4.72E-04	NA	2.05E-03	2.05E-05
408	371031	3756807	Commercial	1.19E+01	1.23E-02	3.83E-06	2.62E-04	NA	1.98E-04	9.92E-04	4.66E-04	NA	6.09E-04	NA	5.32E-02	2.53E-04	3.36E-04	NA	1.45E-03	1.45E-05
409	371033	3756780	Commercial	1.27E+01	1.28E-02	3.99E-06	2.79E-04	NA	2.14E-04	1.07E-03	4.97E-04	NA	6.42E-04	NA	5.68E-02	2.70E-04	3.61E-04	NA	1.55E-03	1.55E-05
410	371483	3756770	Commercial	8.64E+00	7.66E-03	2.39E-06	1.83E-04	NA	1.51E-04	7.53E-04	3.25E-04	NA	4.70E-04	NA	3.74E-02	1.78E-04	2.58E-04	NA	1.10E-03	1.10E-05
411	371817	3756763	Commercial	6.66E+00	5.81E-03	1.82E-06	1.40E-04	NA	1.15E-04	5.75E-04	2.47E-04	NA	3.80E-04	NA	2.84E-02	1.35E-04	2.00E-04	NA	8.64E-04	8.64E-06
412	372274	3756753	Commercial	4.80E+00	4.26E-03	1.33E-06	9.98E-05	NA	8.09E-05	4.04E-04	1.76E-04	NA	2.92E-04	NA	2.01E-02	9.58E-05	1.44E-04	NA	6.31E-04	6.31E-06
413	372713	3756743	Commercial	3.63E+00	3.37E-03	1.05E-06	7.53E-05	NA	5.89E-05	2.95E-04	1.32E-04	NA	2.33E-04	NA	1.50E-02	7.16E-05	1.07E-04	NA	4.80E-04	4.80E-06
414	372703	3756553	Commercial	4.25E+00	3.92E-03	1.22E-06	8.94E-05	NA	7.11E-05	3.55E-04	1.58E-04	NA	2.53E-04	NA	1.80E-02	8.58E-05	1.26E-04	NA	5.52E-04	5.52E-06
415	372819	3756549	Commercial	4.00E+00	3.61E-03	1.13E-06	8.37E-05	NA	6.73E-05	3.36E-04	1.47E-04	NA	2.40E-04	NA	1.69E-02	8.03E-05	1.19E-04	NA	5.23E-04	5.23E-06
416	372814	3756455	Commercial	4.17E+00	3.76E-03	1.17E-06	8.76E-05	NA	7.07E-05	3.54E-04	1.55E-04	NA	2.43E-04	NA	1.77E-02	8.43E-05	1.24E-04	NA	5.40E-04	5.40E-06
417	372797	3756368	Commercial	4.00E+00	3.70E-03	1.16E-06	8.47E-05	NA	6.74E-05	3.37E-04	1.49E-04	NA	2.33E-04	NA	1.71E-02	8.12E-05	1.18E-04	NA	5.17E-04	5.17E-06
418	372705	3756372	Commercial	4.28E+00	4.06E-03	1.27E-06	9.13E-05	NA	7.18E-05	3.59E-04	1.61E-04	NA	2.47E-04	NA	1.84E-02	8.76E-05	1.25E-04	NA	5.49E-04	5.49E-06
419	372706	3756327	Commercial	4.00E+00	3.82E-03	1.19E-06	8.51E-05	NA	6.65E-05	3.32E-04	1.50E-04	NA	2.34E-04	NA	1.71E-02	8.14E-05	1.17E-04	NA	5.14E-04	5.14E-06
420	372927	3756319	Commercial	3.58E+00	3.28E-03	1.02E-06	7.52E-05	NA	6.01E-05	3.00E-04	1.32E-04	NA	2.13E-04	NA	1.51E-02	7.20E-05	1.06E-04	NA	4.66E-04	4.66E-06
421	372926	3756245	Commercial	3.32E+00	3.10E-03	9.68E-07	6.94E-05	NA	5.45E-05	2.72E-04	1.22E-04	NA	2.04E-04	NA	1.39E-02	6.61E-05	9.75E-05	NA	4.33E-04	4.33E-06
422	373457	3756236	Commercial	3.00E+00	3.13E-03	9.77E-07	6.47E-05	NA	4.76E-05	2.38E-04	1.14E-04	NA	1.82E-04	NA	1.30E-02	6.18E-05	8.53E-05	NA	3.84E-04	3.84E-06
423	373448	3755560	Commercial	1.49E+00	1.44E-03	4.51E-07	2.94E-05	NA	2.13E-05	1.06E-04	5.33E-05	NA	1.19E-04	NA	6.09E-03	2.90E-05	4.36E-05	NA	2.11E-04	2.11E-06
424	373222	3755569	Commercial	1.51E+00	1.41E-03	4.40E-07	2.93E-05	NA	2.16E-05	1.08E-04	5.04E-05	NA	1.23E-04	NA	5.70E-03	2.72E-05	4.44E-05	NA	2.14E-04	2.14E-06
425	373219	3755705	Commercial	1.82E+00	1.93E-03	6.04E-07	3.72E-05	NA	2.55E-05	1.28E-04	6.70E-05	NA	1.38E-04	NA	7.61E-03	3.63E-05	5.15E-05	NA	2.49E-04	2.49E-06
426	373135	3755704	Commercial	2.05E+00	2.59E-03	8.10E-07	4.44E-05	NA	2.68E-05	1.34E-04	8.01E-05	NA	1.48E-04	NA	9.01E-03	4.29E-05	5.39E-05	NA	2.67E-04	2.67E-06
427	373131	3755567	Commercial	1.54E+00	1.47E-03	4.59E-07	2.99E-05	NA	2.17E-05	1.09E-04	5.42E-05	NA	1.26E-04	NA	6.18E-03	2.94E-05	4.52E-05	NA	2.19E-04	2.19E-06
428	373054	3755563	Commercial	1.61E+00	1.67E-03	5.23E-07	3.20E-05	NA	2.19E-05	1.10E-04	5.80E-05	NA	1.29E-04	NA	6.59E-03	3.14E-05	4.57E-05	NA	2.25E-04	2.25E-06
429	373046	3755174	Commercial	1.54E+00	1.35E-03	4.21E-07	3.02E-05	NA	2.38E-05	1.19E-04	5.30E-05	NA	1.12E-04	NA	6.05E-03	2.88E-05	4.58E-05	NA	2.12E-04	2.12E-06
430	372725	3755177	Commercial	1.80E+00	1.53E-03	4.77E-07	3.56E-05	NA	2.88E-05	1.44E-04	6.25E-05	NA	1.25E-04	NA	7.15E-03	3.41E-05	5.42E-05	NA	2.46E-04	2.46E-06
431	372624	3755182	Commercial	1.88E+00	1.58E-03	4.95E-07	3.72E-05	NA	3.02E-05	1.51E-04	6.53E-05	NA	1.30E-04	NA	7.48E-03	3.56E-05	5.66E-05	NA	2.56E-04	2.56E-06
432	372238	3755186	Commercial	2.12E+00	1.77E-03	5.53E-07	4.22E-05	NA	3.46E-05	1.73E-04	7.38E-05	NA	1.43E-04	NA	8.46E-03	4.03E-05	6.41E-05	NA	2.88E-04	2.88E-06
433	371843	3755189	Commercial	2.21E+00	1.91E-03	5.97E-07	4.41E-05	NA	3.53E-05	1.77E-04	7.67E-05	NA	1.52E-04	NA	8.75E-03	4.17E-05	6.60E-05	NA	2.99E-04	2.99E-06
434	371463	3755192	Commercial	2.17E+00	2.52E-03	7.89E-07	4.55E-05	NA	2.92E-05	1.46E-04	8.20E-05	NA	1.53E-04	NA	9.26E-03	4.41E-05	5.78E-05	NA	2.81E-04	2.81E-06
435	371049	3755196	Commercial	2.37E+00	3.18E-03	9.94E-07	5.18E-05	NA	2.92E-05	1.46E-04	9.28E-05	NA	1.65E-04	NA	1.04E-02	4.94E-05	5.85E-05	NA	2.94E-04	2.94E-06
436	371056	3755349	Commercial	2.51E+00	3.24E-03	1.01E-06	5.30E-05	NA	3.00E-05	1.50E-04	9.52E-05	NA	1.90E-04	NA	1.07E-02	5.07E-05	6.31E-05	NA	3.23E-04	3.23E-06
437	371043	3755384	Commercial	2.64E+00	3.32E-03	1.04E-06	5.55E-05	NA	3.24E-05	1.62E-04	9.98E-05	NA	2.00E-04	NA	1.12E-02	5.33E-05	6.78E-05	NA	3.43E-04	3.43E-06
438	371042	3755556	Commercial	3.63E+00	3.69E-03	1.15E-06	7.34E-05	NA	5.22E-05	2.61E-04	1.33E-04	NA	2.60E-04	NA	1.51E-02	7.20E-05	1.02E-04	NA	4.86E-04	4.86E-06
439	370996	3755560	Commercial	3.68E+00	3.86E-03	1.21E-06	7.50E-05	NA	5.20E-05	2.60E-04	1.36E-04	NA	2.65E-04	NA	1.54E-02	7.35E-05	1.03E-04	NA	4.90E-04	4.90E-06
440	371001	3755419	Commercial	2.80E+00	3.50E-03	1.09E-06	5.87E-05	NA	3.44E-05	1.72E-04	1.06E-04	NA	2.12E-04	NA	1.18E-02	5.64E-05	7.19E-05	NA	3.64E-04	3.64E-06
441	370801	3755276	Commercial	3.18E+00	3.98E-03	1.24E-06	6.92E-05	NA	4.26E-05	2.13E-04	1.24E-04	NA	2.09E-04	NA	1.39E-02	6.61E-05	8.17E-05	NA	3.95E-04	3.95E-06
1	372249	3757612	Residence	4.13E+00	3.89E-03	1.21E-06	8.78E-05	NA	6.92E-05	3.46E-04	1.55E-04	NA	2.35E-04	NA	1.77E-02	8.45E-05	1.21E-04	NA	5.27E-04	5.27E-06
2	372499	3757612	Residence	3.47E+00	3.24E-03	1.01E-06	7.35E-05	NA	5.82E-05	2.91E-04	1.30E-04	NA	2.00E-04	NA	1.49E-02	7.09E-05	1.02E-04	NA	4.46E-04	4.46E-06
3	372249	3757862	Residence	4.70E+00	4.03E-03	1.26E-06	9.78E-05	NA	8.11E-05	4.06E-04	1.72E-04	NA	2.73E-04	NA	1.98E-02	9.43E-05	1.42E-04	NA	6.13E-04	6.13E-06
4	372499	3757862	Residence	4.06E+00	3.57E-03	1.12E-06	8.50E-05	NA	6.97E-05	3.48E-04	1.50E-04	NA	2.36E-04	NA	1.72E-02	8.20E-05	1.22E-04	NA	5.28E-04	5.28E-06
5	372249	3758112	Residence	4.03E+00	3.72E-03	1.16E-06	8.36E-05	NA	6.57E-05	3.29E-04	1.46E-04	NA	2.58E-04	NA	1.66E-02	7.89E-05	1.19E-04	NA	5.33E-04	5.33E-06
6	372499	3758112	Residence	4.09E+00	3.55E-03	1.11E-06	8.46E-05	NA	6.94E-05	3.47E-04	1.48E-04	NA	2.48E-04	NA	1.70E-02	8.10E-05	1.23E-04	NA	5.39E-04	5.39E-06
7	372249	3758362	Residence	3.70E+00	3.35E-03	1.05E-06	7.57E-05	NA	5.97E-05	2.98E-04	1.31E-04	NA	2.48E-04	NA	1.49E-02	7.09E-05	1.10E-04	NA	4.96E-04	4.96E-06
8	372499	3758362	Residence	3.41E+00	3.24E-03	1.01E-06	7.06E-05	NA	5.41E-05	2.71E-04	1.22E-04	NA	2.28E-04	NA	1.39E-02	6.60E-05	1.00E-04	NA	4.54E-04	4.54E-06
9	373793	3755335	Residence	1.12E+00	1.04E-03	3.25E-07	2.14E-05	NA	1.57E-05	7.84E-05	3.77E-05	NA	9.43E-05	NA	4.28E-03	2.04E-05	3.30E-05	NA	1.61E-04	1.61E-06
10	374093	3755335	Residence	1.09E+00	9.84E-04	3.08E-07	2.10E-05	NA	1.58E-05	7.91E-05	3.71E-05	NA	9.06E-05	NA	4.23E-03	2.01E-05	3.27E-05	NA	1.58E-04	1.58E-06
11	373793	3755710	Residence	1.68E+00	1.78E-03	5.58E-07	3.46E-05	NA	2.40E-05	1.20E-04	6.00E-05	NA	1.24E-04	NA	6.76E-03	3.22E-05	4.72E-05	NA	2.25E-04	2.25E-06
12	374093	3755710	Residence	1.62E+00	1.72E-03	5.38E-07	3.36E-05	NA	2.34E-05	1.17E-04	5.84E-05	NA	1.18E-04	NA	6.58E-03	3.13E-05	4.57E-05	NA	2.17E-04	2.17E-06
13	373793	3756085	Residence	3.04E+00	3.21E-03	1.00E-06	6.61E-05	NA	4.84E-05	2.42E-04	1.17E-04	NA	1.79E-04	NA	1.33E-02	6.32E-05	8.59E-05	NA	3.85E-04	3.85E-06
14	374093	3756085	Residence	2.51E+00	2.51E-03	7.85E-07	5.35E-05	NA	4.03E-05	2.01E-04	9.40E-05	NA	1.54E-04	NA	1.07E-02	5.09E-05	7.24E-05	NA	3.25E-04	3.25E-06
15	373793	3756460	Residence	2.80E+00	2.48E-03	7.74E-07	5.83E-05	NA	4.73E-05	2.37E-04	1.02E-04	NA	1.69E-04	NA	1.17E-02	5.58E-05	8.38E-05	NA	3.67E-04	3.67E-06
16	374093	3756460	Residence	2.58E+00	2.33E-03	7.27E-07	5.40E-05	NA	4.34E-05	2.17E-04	9.47E-05	NA	1.55E-04	NA	1.08E-02	5.16E-05	7.68E-05	NA	3.37E-04	3.37E-06
17	373793	3756835	Residence	2.40E+00	2.27E-03	7.09E-07	4.95E-05	NA	3.80E-05	1.90E-04	8.63E-05	NA	1.62E-04	NA	9.82E-03	4.68E-05	7.06E-05	NA	3.21E-04	3.21E-06
18	374093	3756835	Residence	2.13E+00	2.05E-03	6.42E-07	4.39E-05	NA	3.32E-05	1.66E-04	7.66E-05	NA	1.46E-04	NA	8.70E-03	4.14E-05	6.23E-05	NA	2.86E-04	2.86E-06
19	373793	3757210	Residence	2.95E+00	2.49E-03	7.79E-07	6.06E-05	NA	5.03E-05	2.51E-04	1.06E-04	NA	1.83E-04	NA	1.22E-02	5.80E-05	8.96E-05	NA	3.93E-04	3.93E-06
20	374093	3757210	Residence	2.71E+00	2.29E-03	7.15E-07	5.56E-05	NA	4.61E-05	2.31E-04	9.74E-05	NA	1.70E-04	NA	1.12E-02	5.32E-05	8.25E-05	NA	3.63E-04	3.63E-06
21	373793	3757585	Residence	2.13E+00	2.18E-03	6.82E-07	4.48E-05	NA	3.27E-05	1.64E-04	7.73E-05	NA	1.43E-04	NA	8.73E-03	4.16E-05	6.08E-05	NA	2.80E-04	2.80E-06
22	374093	3757585	Residence	2.15E+00	2.08E-03	6.51E-07	4.48E-05	NA	3.40E-05	1.70E-04	7.76E-05	NA	1.41E-04	NA	8.81E-03	4.19E-05	6.26E-05	NA	2.84E-04	2.84E-06
23	373793	3757960	Residence	1.86E+00	1.75E-03	5.47E-07	3.86E-05	NA	2.99E-05	1.50E-04	6.68E-05	NA	1.18E-04	NA	7.60E-03	3.62E-05	5.43E-05	NA	2.43E-04	2.43E-06
24	374093	3757960	Residence	1.58E+00	1.68E-03	5.25E-07	3.33E-05	NA	2.36E-05	1.18E-04	5.72E-05	NA	1.08E-04	NA	6.44E-03	3.07E-05	4.44E-05	NA	2.07E-04	2.07E-06
25	373793	3758335	Residence	2.21E+00	2.05E-03	6.41E-07	4.62E-05	NA	3.64E-05	1.82E-04	8.12E-05	NA	1.37E-04	NA	9.27E-03	4.41E-05	6.52E-05	NA	2.90E-04	2.90E-06
26	374093	3758335	Residence	1.95E+00	1.76E-03	5.50E-07	4.06E-05	NA	3.26E-05	1.63E-04	7.15E-05	NA	1.19E-04	NA	8.19E-03	3.90E-05	5.80E-05	NA	2.56E-04	2.56E-06
27	373793	3758710	Residence	2.68E+00	2.28E-03	7.14E-07	5.51E-05	NA	4.56E-05	2.28E-04	9.67E-05	NA	1.66E-04	NA	1.11E-02	5.28E-05	8.13E-05	NA	3.57E-04	3.57E-06
28	374093	3758710	Residence	2.31E+00	2.03E-03	6.36E-07	4.78E-05	NA	3.88E-05	1.94E-04	8.39E-05	NA	1.44E-04	NA	9.60E-03	4.57E-05	6.95E-05	NA	3.07E-04	3.07E-06

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m^3)	AMMONIUM ION (µg/m^3)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m^3)	ANTIMONY Acute Hazard	ARSENIC (µg/m^3)	ARSENIC Acute Hazard	BROMINE (µg/m^3)	BROMINE Acute Hazard	CADMIUM (µg/m^3)	CADMIUM Acute Hazard	CHLORINE (µg/m^3)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m^3)	CHROMIUM VI Acute Hazard	COPPER (µg/m^3)	COPPER Acute Hazard
30	367278	3755614	Residence	1.05E+01	8.56E-03	2.68E-06	1.78E-04	NA	1.32E-04	6.59E-04	3.03E-04	NA	1.19E-03	NA	3.41E-02	1.62E-04	3.32E-04	NA	1.73E-03	1.73E-05
31	367231	3755722	Residence	1.09E+01	9.05E-03	2.83E-06	1.82E-04	NA	1.30E-04	6.49E-04	3.07E-04	NA	1.28E-03	NA	3.44E-02	1.64E-04	3.41E-04	NA	1.81E-03	1.81E-05
32	367185	3755830	Residence	1.14E+01	9.07E-03	2.83E-06	1.85E-04	NA	1.35E-04	6.73E-04	3.15E-04	NA	1.38E-03	NA	3.54E-02	1.68E-04	3.62E-04	NA	1.94E-03	1.94E-05
33	367138	3755938	Residence	1.17E+01	9.41E-03	2.94E-06	1.94E-04	NA	1.42E-04	7.10E-04	3.29E-04	NA	1.37E-03	NA	3.71E-02	1.76E-04	3.71E-04	NA	1.96E-03	1.96E-05
34	367091	3756047	Residence	1.05E+01	8.87E-03	2.77E-06	1.85E-04	NA	1.36E-04	6.82E-04	3.13E-04	NA	1.10E-03	NA	3.52E-02	1.68E-04	3.25E-04	NA	1.66E-03	1.66E-05
35	367048	3756147	Residence	9.69E+00	8.24E-03	2.58E-06	1.67E-04	NA	1.21E-04	6.03E-04	2.83E-04	NA	1.08E-03	NA	3.18E-02	1.51E-04	3.02E-04	NA	1.58E-03	1.58E-05
36	367005	3756247	Residence	9.70E+00	7.58E-03	2.37E-06	1.62E-04	NA	1.23E-04	6.14E-04	2.75E-04	NA	1.10E-03	NA	3.11E-02	1.48E-04	3.09E-04	NA	1.61E-03	1.61E-05
37	366962	3756348	Residence	9.41E+00	6.76E-03	2.11E-06	1.49E-04	NA	1.15E-04	5.74E-04	2.53E-04	NA	1.15E-03	NA	2.86E-02	1.36E-04	3.07E-04	NA	1.63E-03	1.63E-05
38	366918	3756450	Residence	8.67E+00	6.17E-03	1.93E-06	1.33E-04	NA	1.00E-04	5.02E-04	2.24E-04	NA	1.12E-03	NA	2.53E-02	1.21E-04	2.85E-04	NA	1.54E-03	1.54E-05
39	366874	3756551	Residence	8.43E+00	5.77E-03	1.80E-06	1.31E-04	NA	1.04E-04	5.20E-04	2.23E-04	NA	1.04E-03	NA	2.53E-02	1.21E-04	2.78E-04	NA	1.47E-03	1.47E-05
40	366830	3756653	Residence	7.80E+00	5.40E-03	1.69E-06	1.26E-04	NA	1.01E-04	5.06E-04	2.14E-04	NA	9.06E-04	NA	2.43E-02	1.16E-04	2.56E-04	NA	1.32E-03	1.32E-05
41	366840	3756685	Residence	7.57E+00	5.33E-03	1.67E-06	1.24E-04	NA	9.96E-05	4.98E-04	2.10E-04	NA	8.58E-04	NA	2.39E-02	1.14E-04	2.47E-04	NA	1.27E-03	1.27E-05
42	366890	3756714	Residence	7.34E+00	5.32E-03	1.66E-06	1.23E-04	NA	9.87E-05	4.94E-04	2.09E-04	NA	7.99E-04	NA	2.37E-02	1.13E-04	2.37E-04	NA	1.21E-03	1.21E-05
43	366879	3756683	Residence	7.63E+00	5.39E-03	1.69E-06	1.25E-04	NA	1.01E-04	5.05E-04	2.13E-04	NA	8.57E-04	NA	2.42E-02	1.15E-04	2.49E-04	NA	1.27E-03	1.27E-05
44	366852	3756751	Residence	6.93E+00	5.15E-03	1.61E-06	1.18E-04	NA	9.36E-05	4.68E-04	1.99E-04	NA	7.42E-04	NA	2.26E-02	1.08E-04	2.23E-04	NA	1.13E-03	1.13E-05
45	366884	3756737	Residence	7.09E+00	5.24E-03	1.64E-06	1.20E-04	NA	9.61E-05	4.80E-04	2.04E-04	NA	7.58E-04	NA	2.31E-02	1.10E-04	2.28E-04	NA	1.15E-03	1.15E-05
46	366821	3756715	Residence	7.27E+00	5.21E-03	1.63E-06	1.20E-04	NA	9.65E-05	4.82E-04	2.04E-04	NA	8.10E-04	NA	2.32E-02	1.10E-04	2.36E-04	NA	1.21E-03	1.21E-05
47	366790	3756728	Residence	7.12E+00	5.12E-03	1.60E-06	1.18E-04	NA	9.44E-05	4.72E-04	2.00E-04	NA	7.93E-04	NA	2.27E-02	1.08E-04	2.31E-04	NA	1.18E-03	1.18E-05
48	366745	3756823	Residence	6.14E+00	4.76E-03	1.49E-06	1.06E-04	NA	8.21E-05	4.10E-04	1.78E-04	NA	6.51E-04	NA	2.01E-02	9.58E-05	1.95E-04	NA	9.89E-04	9.89E-06
49	366700	3756919	Residence	5.12E+00	4.37E-03	1.37E-06	9.14E-05	NA	6.78E-05	3.39E-04	1.53E-04	NA	5.21E-04	NA	1.72E-02	8.19E-05	1.58E-04	NA	8.00E-04	8.00E-06
50	366655	3757014	Residence	4.80E+00	4.06E-03	1.27E-06	8.78E-05	NA	6.70E-05	3.35E-04	1.48E-04	NA	4.54E-04	NA	1.67E-02	7.95E-05	1.48E-04	NA	7.31E-04	7.31E-06
51	366608	3757113	Residence	4.61E+00	3.85E-03	1.20E-06	8.32E-05	NA	6.34E-05	3.17E-04	1.40E-04	NA	4.51E-04	NA	1.57E-02	7.49E-05	1.43E-04	NA	7.12E-04	7.12E-06
52	366561	3757212	Residence	4.63E+00	3.87E-03	1.21E-06	8.37E-05	NA	6.39E-05	3.19E-04	1.40E-04	NA	4.51E-04	NA	1.58E-02	7.51E-05	1.43E-04	NA	7.14E-04	7.14E-06
53	366514	3757311	Residence	4.72E+00	3.93E-03	1.23E-06	8.59E-05	NA	6.61E-05	3.31E-04	1.44E-04	NA	4.50E-04	NA	1.63E-02	7.75E-05	1.46E-04	NA	7.23E-04	7.23E-06
54	366464	3757416	Residence	4.84E+00	4.02E-03	1.26E-06	8.91E-05	NA	6.92E-05	3.46E-04	1.50E-04	NA	4.48E-04	NA	1.70E-02	8.09E-05	1.50E-04	NA	7.33E-04	7.33E-06
55	366415	3757520	Residence	5.06E+00	4.16E-03	1.30E-06	9.44E-05	NA	7.47E-05	3.73E-04	1.61E-04	NA	4.47E-04	NA	1.82E-02	8.67E-05	1.57E-04	NA	7.56E-04	7.56E-06
56	366434	3757556	Residence	5.21E+00	4.28E-03	1.34E-06	9.76E-05	NA	7.75E-05	3.87E-04	1.66E-04	NA	4.56E-04	NA	1.89E-02	8.99E-05	1.62E-04	NA	7.77E-04	7.77E-06
57	366484	3757562	Residence	5.37E+00	4.40E-03	1.37E-06	1.00E-04	NA	7.98E-05	3.99E-04	1.71E-04	NA	4.71E-04	NA	1.95E-02	9.27E-05	1.67E-04	NA	8.02E-04	8.02E-06
58	366567	3757525	Residence	5.54E+00	4.47E-03	1.40E-06	1.03E-04	NA	8.18E-05	4.09E-04	1.75E-04	NA	4.94E-04	NA	1.99E-02	9.46E-05	1.73E-04	NA	8.32E-04	8.32E-06
59	366621	3757539	Residence	5.71E+00	4.63E-03	1.45E-06	1.06E-04	NA	8.46E-05	4.23E-04	1.81E-04	NA	5.07E-04	NA	2.06E-02	9.81E-05	1.78E-04	NA	8.57E-04	8.57E-06
60	366646	3757556	Residence	5.81E+00	4.75E-03	1.48E-06	1.08E-04	NA	8.61E-05	4.30E-04	1.85E-04	NA	5.11E-04	NA	2.11E-02	1.00E-04	1.81E-04	NA	8.68E-04	8.68E-06
61	366713	3757550	Residence	5.97E+00	4.90E-03	1.53E-06	1.12E-04	NA	8.86E-05	4.43E-04	1.91E-04	NA	5.23E-04	NA	2.17E-02	1.03E-04	1.85E-04	NA	8.90E-04	8.90E-06
62	366779	3757545	Residence	6.12E+00	5.07E-03	1.58E-06	1.15E-04	NA	9.10E-05	4.55E-04	1.97E-04	NA	5.33E-04	NA	2.24E-02	1.07E-04	1.90E-04	NA	9.10E-04	9.10E-06
63	366839	3757583	Residence	6.25E+00	5.45E-03	1.70E-06	1.20E-04	NA	9.28E-05	4.64E-04	2.06E-04	NA	5.25E-04	NA	2.34E-02	1.11E-04	1.91E-04	NA	9.12E-04	9.12E-06
64	366913	3757623	Residence	6.43E+00	6.07E-03	1.90E-06	1.26E-04	NA	9.34E-05	4.67E-04	2.18E-04	NA	5.29E-04	NA	2.46E-02	1.17E-04	1.91E-04	NA	9.20E-04	9.20E-06
65	366986	3757664	Residence	6.97E+00	6.99E-03	2.19E-06	1.38E-04	NA	9.69E-05	4.85E-04	2.39E-04	NA	5.88E-04	NA	2.70E-02	1.28E-04	2.03E-04	NA	9.97E-04	9.97E-06
66	367074	3757713	Residence	8.48E+00	8.71E-03	2.72E-06	1.71E-04	NA	1.20E-04	6.01E-04	3.01E-04	NA	6.79E-04	NA	3.40E-02	1.62E-04	2.45E-04	NA	1.19E-03	1.19E-05
67	367162	3757761	Residence	9.77E+00	1.03E-02	3.23E-06	2.01E-04	NA	1.40E-04	7.01E-04	3.57E-04	NA	7.42E-04	NA	4.04E-02	1.92E-04	2.79E-04	NA	1.34E-03	1.34E-05
68	367300	3757718	Residence	1.35E+01	1.59E-02	4.97E-06	2.94E-04	NA	1.94E-04	9.71E-04	5.25E-04	NA	9.00E-04	NA	5.93E-02	2.82E-04	3.67E-04	NA	1.74E-03	1.74E-05
69	367385	3757734	Residence	1.33E+01	1.66E-02	5.18E-06	2.96E-04	NA	1.88E-04	9.40E-04	5.29E-04	NA	8.75E-04	NA	5.96E-02	2.84E-04	3.55E-04	NA	1.69E-03	1.69E-05
70	367398	3757758	Residence	1.08E+01	1.36E-02	4.24E-06	2.37E-04	NA	1.47E-04	7.34E-04	4.22E-04	NA	7.68E-04	NA	4.74E-02	2.26E-04	2.88E-04	NA	1.41E-03	1.41E-05
71	367506	3757818	Residence	8.24E+00	1.02E-02	3.17E-06	1.78E-04	NA	1.10E-04	5.50E-04	3.21E-04	NA	6.04E-04	NA	3.62E-02	1.72E-04	2.21E-04	NA	1.09E-03	1.09E-05
72	367533	3757826	Residence	6.39E+00	8.03E-03	2.51E-06	1.34E-04	NA	7.82E-05	3.91E-04	2.41E-04	NA	5.30E-04	NA	2.70E-02	1.29E-04	1.70E-04	NA	8.75E-04	8.75E-06
73	367561	3757814	Residence	6.27E+00	7.47E-03	2.33E-06	1.28E-04	NA	7.76E-05	3.88E-04	2.33E-04	NA	5.36E-04	NA	2.63E-02	1.25E-04	1.71E-04	NA	8.80E-04	8.80E-06
78	367786	3757842	Residence	4.75E+00	4.44E-03	1.39E-06	8.41E-05	NA	5.69E-05	2.85E-04	1.53E-04	NA	5.08E-04	NA	1.73E-02	8.25E-05	1.43E-04	NA	7.56E-04	7.56E-06
79	367782	3757935	Residence	4.08E+00	3.24E-03	1.01E-06	6.77E-05	NA	5.03E-05	2.52E-04	1.22E-04	NA	4.62E-04	NA	1.39E-02	6.62E-05	1.29E-04	NA	6.77E-04	6.77E-06
80	367752	3757969	Residence	4.02E+00	3.18E-03	9.95E-07	6.69E-05	NA	4.99E-05	2.49E-04	1.19E-04	NA	4.53E-04	NA	1.36E-02	6.47E-05	1.27E-04	NA	6.66E-04	6.66E-06
81	367775	3758021	Residence	4.25E+00	3.29E-03	1.03E-06	7.26E-05	NA	5.62E-05	2.81E-04	1.22E-04	NA	4.51E-04	NA	1.38E-02	6.55E-05	1.34E-04	NA	6.82E-04	6.82E-06
82	367808	3758034	Residence	4.42E+00	3.39E-03	1.06E-06	7.66E-05	NA	6.04E-05	3.02E-04	1.28E-04	NA	4.53E-04	NA	1.44E-02	6.86E-05	1.40E-04	NA	7.00E-04	7.00E-06
83	367866	3758009	Residence	4.62E+00	3.54E-03	1.11E-06	8.11E-05	NA	6.47E-05	3.23E-04	1.36E-04	NA	4.59E-04	NA	1.53E-02	7.30E-05	1.46E-04	NA	7.23E-04	7.23E-06
84	367924	3757985	Residence	4.82E+00	3.70E-03	1.16E-06	8.59E-05	NA	6.91E-05	3.46E-04	1.44E-04	NA	4.60E-04	NA	1.63E-02	7.76E-05	1.52E-04	NA	7.43E-04	7.43E-06
85	367938	3757954	Residence	4.83E+00	3.73E-03	1.17E-06	8.59E-05	NA	6.88E-05	3.44E-04	1.44E-04	NA	4.63E-04	NA	1.63E-02	7.74E-05	1.52E-04	NA	7.45E-04	7.45E-06
86	367928	3757923	Residence	4.72E+00	3.69E-03	1.15E-06	8.32E-05	NA	6.56E-05	3.28E-04	1.40E-04	NA	4.68E-04	NA	1.59E-02	7.57E-05	1.48E-04	NA	7.39E-04	7.39E-06
87	367915	3757953	Residence	4.73E+00	3.66E-03	1.14E-06	8.33E-05	NA	6.62E-05	3.31E-04	1.40E-04	NA	4.65E-04	NA	1.58E-02	7.52E-05	1.49E-04	NA	7.36E-04	7.36E-06
88	368017	3757908	Residence	5.06E+00	3.96E-03	1.24E-06	9.23E-05	NA	7.45E-05	3.73E-04	1.55E-04	NA	4.58E-04	NA	1.75E-02	8.35E-05	1.58E-04	NA	7.64E-04	7.64E-06
89	368119	3757863	Residence	5.38E+00	4.28E-03	1.34E-06	1.02E-04	NA	8.33E-05	4.17E-04	1.71E-04	NA	4.38E-04	NA	1.95E-02	9.27E-05	1.67E-04	NA	7.80E-04	7.80E-06
90	368180	3757839	Residence	5.56E+00	4.48E-03	1.40E-06	1.08E-04	NA	8.87E-05	4.44E-04	1.82E-04	NA	4.21E-04	NA	2.07E-02	9.84E-05	1.71E-04	NA	7.85E-04	7.85E-06
91	368242	3757814	Residence	5.73E+00	4.69E-03	1.47E-06	1.14E-04	NA	9.41E-05	4.71E-04	1.92E-04	NA	4.01E-04	NA	2.19E-02	1.04E-04	1.75E-04	NA	7.88E-04	7.88E-06
92	368318	3757785	Residence	5.91E+00	4.95E-03	1.55E-06	1.21E-04	NA	1.00E-04	5.01E-04	2.05E-04	NA	3.74E-04	NA	2.33E-02	1.11E-04	1.79E-04	NA	7.87E-04	7.87E-06
93	368407	3757788	Residence	6.11E+00	5.17E-03	1.61E-06	1.26E-04	NA	1.04E-04	5.22E-04	2.14E-04	NA	3.72E-04	NA	2.45E-02	1.16E-04	1.84E-04	NA	8.03E-04	8.03E-06
94	368505	3757789	Residence	6.15E+00	5.32E-03	1.66E-06	1.27E-04	NA	1.04E-04	5.19E-04	2.17E-04	NA	3.81E-04	NA	2.47E-02	1.18E-04	1.85E-04	NA	8.11E-04	8.11E-06
95	368603	3757790	Residence	5.93E+00	5.36E-03	1.68E-06	1.22E-04	NA	9.75E-05	4.87E-04	2.10E-04	NA	3.75E-04	NA	2.39E-02	1.14E-04	1.76E-04	NA	7.80E-04	7.80E-06
96	368628	3757765	Residence	6.05E+00	5.48E-03	1.71E-06	1.25E-04	NA	9.92E-05	4.96E-04	2.14E-04	NA	3.83E-04	NA	2.44E-02	1.16E-04	1.79E-04	NA	7.94E-04	7.94E-06
97	368676	3757781	Residence	5.77E+00	5.60E-03	1.75E-06	1.21E-04	NA	9.19E-05	4.59E-04	2.05E-04	NA	3.69E-04	NA	2.31E-02	1.10E-04	1.67E-04	NA	7.49E-04	7.49E-06
98	368759	3757821	Residence	6.46E+00	6.00E-03	1.87E-06	1.36E-04	NA	1.07E-04	5.36E-04	2.27E-04	NA	3.88E-04	NA	2.56E-02	1.22E-04	1.89E-04	NA	8.27E-04	8.27E-06
99	368839	3757872	Residence	7.30E+00	6.27E-03	1.96E-06	1.53E-04	NA	1.28E-04	6.38E-04	2.61E-04	NA	4.11E-04	NA	2.97E-02	1.42E-04	2.19E-04	NA	9.36E-04	9.36E-06
100	368921	3757924	Residence	7.56E+00	6.30E-03	1.97E-06	1.59E-04	NA	1.35E-04	6.73E-04	2.74E-04	NA	4.10E-04	NA	3.14E-02	1.50E-04	2.29E-04	NA	9.68E-04	9.68E-06
101	369004	3757976	Residence	7.04E+00	6.06E-03	1.89E-06	1.49E-04	NA	1.24E-04	6.22E-04	2.59E-04	NA	3.81E-04	NA	2.97E-02	1.42E-04	2.12E-04	NA	8.99E-04	8.99E-06
102	369038	3757969	Residence	6.87E+00	6.04E-03	1.89E-06	1.46E-04	NA	1.21E-04	6.03E-04	2.55E-04	NA	3.71E-04	NA	2.92E-02	1.39E-04	2.05E-04	NA	8.74E-04	8.74E-06
103	369101	3757878	Residence	7.24E+00	6.42E-03	2.00E-06	1.53E-04	NA	1.25E-04	6.25E-04	2.67E-04	NA	4.06E-04	NA	3.06E-02	1.46E-04	2.16E-04	NA	9.29E-04	9.29E-06
104	369067	3757885	Residence	7.41E+00	6.45E-03	2.02E-06	1.57E-04	NA	1.30E-04	6.50E-04	2.73E-04	NA	4.05E-04	NA	3.13E-02	1.49E-04	2.22E-04	NA	9.47E-04	9.47E-06
105	369139	3757930	Residence	6.36E+00	5.97E-03	1.87E-06	1.35E-04	NA	1.06E-04	5.32E-04	2.36E-04	NA	3.67E-04	NA	2.70E-02	1.28E-04	1.86E-04	NA	8.14E-04	8.14E-06
106	369211	3757974	Residence	5.76E+00	5.49E-03	1.72E-06	1.21E-04	NA	9.41E-05	4.70E-04	2.14E-04	NA	3.47E-04	NA	2.44E-02	1.16E-04	1.68E-04	NA	7.44E-04	7.44E-06

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard
107	369243	3757968	Residence	6.07E+00	5.46E-03	1.71E-06	1.26E-04	NA	1.01E-04	5.07E-04	2.24E-04	NA	3.66E-04	NA	2.57E-02	1.22E-04	1.80E-04	NA	7.93E-04	7.93E-06
108	369305	3757894	Residence	6.84E+00	5.70E-03	1.78E-06	1.40E-04	NA	1.16E-04	5.82E-04	2.49E-04	NA	4.21E-04	NA	2.87E-02	1.37E-04	2.08E-04	NA	9.12E-04	9.12E-06
109	369366	3757820	Residence	7.61E+00	6.06E-03	1.89E-06	1.53E-04	NA	1.31E-04	6.54E-04	2.73E-04	NA	4.76E-04	NA	3.15E-02	1.50E-04	2.34E-04	NA	1.03E-03	1.03E-05
110	369436	3757794	Residence	7.94E+00	6.19E-03	1.93E-06	1.59E-04	NA	1.37E-04	6.84E-04	2.80E-04	NA	5.01E-04	NA	3.23E-02	1.54E-04	2.46E-04	NA	1.07E-03	1.07E-05
111	369435	3757760	Residence	8.18E+00	6.38E-03	1.99E-06	1.64E-04	NA	1.41E-04	7.04E-04	2.89E-04	NA	5.18E-04	NA	3.33E-02	1.59E-04	2.53E-04	NA	1.11E-03	1.11E-05
112	369251	3758017	Residence	5.97E+00	5.22E-03	1.63E-06	1.24E-04	NA	1.01E-04	5.07E-04	2.20E-04	NA	3.53E-04	NA	2.53E-02	1.21E-04	1.79E-04	NA	7.80E-04	7.80E-06
113	369344	3758083	Residence	6.24E+00	5.00E-03	1.56E-06	1.28E-04	NA	1.10E-04	5.48E-04	2.25E-04	NA	3.65E-04	NA	2.60E-02	1.24E-04	1.91E-04	NA	8.23E-04	8.23E-06
114	369437	3758148	Residence	5.90E+00	4.73E-03	1.48E-06	1.20E-04	NA	1.03E-04	5.14E-04	2.11E-04	NA	3.51E-04	NA	2.43E-02	1.16E-04	1.81E-04	NA	7.80E-04	7.80E-06
115	369429	3758218	Residence	5.61E+00	4.54E-03	1.42E-06	1.15E-04	NA	9.81E-05	4.91E-04	2.02E-04	NA	3.28E-04	NA	2.33E-02	1.11E-04	1.71E-04	NA	7.37E-04	7.37E-06
116	369432	3758306	Residence	5.23E+00	4.30E-03	1.34E-06	1.08E-04	NA	9.16E-05	4.58E-04	1.90E-04	NA	3.00E-04	NA	2.18E-02	1.04E-04	1.59E-04	NA	6.82E-04	6.82E-06
117	369435	3758395	Residence	4.89E+00	4.10E-03	1.28E-06	1.02E-04	NA	8.56E-05	4.28E-04	1.79E-04	NA	2.75E-04	NA	2.06E-02	9.79E-05	1.48E-04	NA	6.32E-04	6.32E-06
118	369460	3758419	Residence	4.70E+00	4.03E-03	1.26E-06	9.80E-05	NA	8.14E-05	4.07E-04	1.72E-04	NA	2.67E-04	NA	1.98E-02	9.43E-05	1.41E-04	NA	6.08E-04	6.08E-06
119	369558	3758419	Residence	4.18E+00	3.92E-03	1.23E-06	8.73E-05	NA	6.81E-05	3.40E-04	1.54E-04	NA	2.57E-04	NA	1.76E-02	8.39E-05	1.22E-04	NA	5.44E-04	5.44E-06
120	369657	3758419	Residence	3.66E+00	3.88E-03	1.21E-06	7.68E-05	NA	5.42E-05	2.71E-04	1.36E-04	NA	2.45E-04	NA	1.54E-02	7.35E-05	1.02E-04	NA	4.77E-04	4.77E-06
121	369755	3758419	Residence	3.38E+00	3.97E-03	1.24E-06	7.15E-05	NA	4.58E-05	2.29E-04	1.27E-04	NA	2.42E-04	NA	1.44E-02	6.84E-05	9.07E-05	NA	4.41E-04	4.41E-06
122	369853	3758419	Residence	3.36E+00	4.12E-03	1.29E-06	7.14E-05	NA	4.36E-05	2.18E-04	1.28E-04	NA	2.48E-04	NA	1.44E-02	6.85E-05	8.86E-05	NA	4.39E-04	4.39E-06
123	369878	3758394	Residence	3.44E+00	4.24E-03	1.33E-06	7.29E-05	NA	4.42E-05	2.21E-04	1.31E-04	NA	2.55E-04	NA	1.47E-02	7.00E-05	9.02E-05	NA	4.49E-04	4.49E-06
124	369877	3758289	Residence	3.81E+00	4.74E-03	1.48E-06	8.11E-05	NA	4.89E-05	2.45E-04	1.46E-04	NA	2.82E-04	NA	1.64E-02	7.79E-05	9.97E-05	NA	4.97E-04	4.97E-06
125	369876	3758183	Residence	4.35E+00	5.47E-03	1.71E-06	9.34E-05	NA	5.62E-05	2.81E-04	1.68E-04	NA	3.15E-04	NA	1.88E-02	8.97E-05	1.13E-04	NA	5.62E-04	5.62E-06
126	369962	3758103	Residence	5.52E+00	7.47E-03	2.33E-06	1.24E-04	NA	7.11E-05	3.55E-04	2.20E-04	NA	3.69E-04	NA	2.46E-02	1.17E-04	1.38E-04	NA	6.81E-04	6.81E-06
127	370075	3758103	Residence	5.27E+00	7.10E-03	2.22E-06	1.17E-04	NA	6.75E-05	3.38E-04	2.10E-04	NA	3.57E-04	NA	2.35E-02	1.12E-04	1.32E-04	NA	6.54E-04	6.54E-06
128	370187	3758103	Residence	5.16E+00	6.25E-03	1.95E-06	1.12E-04	NA	7.09E-05	3.54E-04	1.99E-04	NA	3.48E-04	NA	2.24E-02	1.06E-04	1.36E-04	NA	6.56E-04	6.56E-06
129	370299	3758103	Residence	4.85E+00	6.33E-03	1.98E-06	1.07E-04	NA	6.41E-05	3.20E-04	1.82E-04	NA	3.31E-04	NA	2.01E-02	9.56E-05	1.23E-04	NA	6.02E-04	6.02E-06
136	370506	3758113	Residence	3.31E+00	4.07E-03	1.27E-06	6.91E-05	NA	4.12E-05	2.06E-04	1.13E-04	NA	2.69E-04	NA	1.24E-02	5.92E-05	8.68E-05	NA	4.39E-04	4.39E-06
137	370601	3758113	Residence	3.28E+00	3.91E-03	1.22E-06	6.72E-05	NA	4.07E-05	2.04E-04	1.22E-04	NA	2.64E-04	NA	1.37E-02	6.54E-05	8.75E-05	NA	4.44E-04	4.44E-06
138	370696	3758114	Residence	4.25E+00	5.36E-03	1.67E-06	9.20E-05	NA	5.57E-05	2.78E-04	1.67E-04	NA	2.98E-04	NA	1.88E-02	8.97E-05	1.11E-04	NA	5.44E-04	5.44E-06
139	370791	3758114	Residence	4.40E+00	5.70E-03	1.78E-06	9.66E-05	NA	5.74E-05	2.87E-04	1.76E-04	NA	3.02E-04	NA	1.98E-02	9.41E-05	1.13E-04	NA	5.57E-04	5.57E-06
140	370886	3758114	Residence	6.36E+00	7.72E-03	2.41E-06	1.42E-04	NA	9.33E-05	4.67E-04	2.49E-04	NA	3.80E-04	NA	2.80E-02	1.33E-04	1.68E-04	NA	7.80E-04	7.80E-06
154	371170	3757732	Residence	5.65E+00	4.78E-03	1.49E-06	1.14E-04	NA	9.30E-05	4.65E-04	2.01E-04	NA	3.75E-04	NA	2.31E-02	1.10E-04	1.71E-04	NA	7.66E-04	7.66E-06
155	371240	3757783	Residence	5.40E+00	4.62E-03	1.44E-06	1.09E-04	NA	8.84E-05	4.42E-04	1.91E-04	NA	3.60E-04	NA	2.19E-02	1.04E-04	1.63E-04	NA	7.32E-04	7.32E-06
156	371264	3757808	Residence	5.32E+00	4.55E-03	1.42E-06	1.07E-04	NA	8.70E-05	4.35E-04	1.88E-04	NA	3.56E-04	NA	2.16E-02	1.03E-04	1.60E-04	NA	7.20E-04	7.20E-06
157	371372	3757807	Residence	5.24E+00	4.62E-03	1.44E-06	1.07E-04	NA	8.53E-05	4.26E-04	1.85E-04	NA	3.46E-04	NA	2.11E-02	1.00E-04	1.56E-04	NA	7.02E-04	7.02E-06
158	371385	3757827	Residence	5.15E+00	4.56E-03	1.43E-06	1.05E-04	NA	8.36E-05	4.18E-04	1.82E-04	NA	3.42E-04	NA	2.07E-02	9.86E-05	1.54E-04	NA	6.91E-04	6.91E-06
159	371485	3757895	Residence	4.93E+00	4.40E-03	1.38E-06	1.00E-04	NA	7.98E-05	3.99E-04	1.74E-04	NA	3.28E-04	NA	1.98E-02	9.42E-05	1.47E-04	NA	6.60E-04	6.60E-06
160	371585	3757964	Residence	4.72E+00	4.25E-03	1.33E-06	9.63E-05	NA	7.63E-05	3.81E-04	1.66E-04	NA	3.15E-04	NA	1.89E-02	9.00E-05	1.40E-04	NA	6.32E-04	6.32E-06
161	371684	3758032	Residence	4.53E+00	4.09E-03	1.28E-06	9.24E-05	NA	7.30E-05	3.65E-04	1.59E-04	NA	3.02E-04	NA	1.81E-02	8.63E-05	1.34E-04	NA	6.06E-04	6.06E-06
162	371784	3758101	Residence	4.34E+00	3.93E-03	1.23E-06	8.87E-05	NA	6.99E-05	3.50E-04	1.53E-04	NA	2.90E-04	NA	1.74E-02	8.28E-05	1.29E-04	NA	5.82E-04	5.82E-06
163	371818	3758095	Residence	4.37E+00	3.94E-03	1.23E-06	8.93E-05	NA	7.06E-05	3.53E-04	1.54E-04	NA	2.90E-04	NA	1.75E-02	8.35E-05	1.30E-04	NA	5.84E-04	5.84E-06
164	371873	3758022	Residence	4.49E+00	4.08E-03	1.27E-06	9.23E-05	NA	7.30E-05	3.65E-04	1.60E-04	NA	2.91E-04	NA	1.82E-02	8.67E-05	1.33E-04	NA	5.96E-04	5.96E-06
165	371928	3757949	Residence	4.43E+00	4.18E-03	1.31E-06	9.21E-05	NA	7.13E-05	3.57E-04	1.60E-04	NA	2.84E-04	NA	1.82E-02	8.66E-05	1.30E-04	NA	5.83E-04	5.83E-06
166	371969	3757946	Residence	4.50E+00	4.18E-03	1.31E-06	9.35E-05	NA	7.33E-05	3.67E-04	1.63E-04	NA	2.85E-04	NA	1.85E-02	8.83E-05	1.33E-04	NA	5.92E-04	5.92E-06
167	371989	3757924	Residence	4.63E+00	4.22E-03	1.32E-06	9.64E-05	NA	7.66E-05	3.83E-04	1.68E-04	NA	2.88E-04	NA	1.92E-02	9.13E-05	1.37E-04	NA	6.09E-04	6.09E-06
295	370737	3755244	Residence	3.29E+00	4.14E-03	1.29E-06	7.23E-05	NA	4.47E-05	2.24E-04	1.29E-04	NA	2.09E-04	NA	1.44E-02	6.88E-05	8.43E-05	NA	4.04E-04	4.04E-06
296	370669	3755237	Residence	3.39E+00	4.32E-03	1.35E-06	7.50E-05	NA	4.60E-05	2.30E-04	1.33E-04	NA	2.13E-04	NA	1.49E-02	7.09E-05	8.62E-05	NA	4.12E-04	4.12E-06
297	370571	3755237	Residence	4.18E+00	4.70E-03	1.47E-06	9.06E-05	NA	6.24E-05	3.12E-04	1.61E-04	NA	2.50E-04	NA	1.82E-02	8.65E-05	1.13E-04	NA	5.18E-04	5.18E-06
298	370476	3755238	Residence	5.33E+00	5.16E-03	1.61E-06	1.13E-04	NA	8.73E-05	4.36E-04	2.01E-04	NA	3.02E-04	NA	2.29E-02	1.09E-04	1.53E-04	NA	6.72E-04	6.72E-06
299	370380	3755238	Residence	6.73E+00	5.77E-03	1.80E-06	1.41E-04	NA	1.18E-04	5.89E-04	2.51E-04	NA	3.65E-04	NA	2.89E-02	1.38E-04	2.02E-04	NA	8.61E-04	8.61E-06
300	370279	3755239	Residence	8.11E+00	6.47E-03	2.02E-06	1.69E-04	NA	1.47E-04	7.36E-04	3.01E-04	NA	4.28E-04	NA	3.47E-02	1.65E-04	2.49E-04	NA	1.05E-03	1.05E-05
301	370177	3755240	Residence	8.32E+00	6.38E-03	1.99E-06	1.72E-04	NA	1.52E-04	7.61E-04	3.04E-04	NA	4.47E-04	NA	3.52E-02	1.68E-04	2.58E-04	NA	1.08E-03	1.08E-05
302	370076	3755240	Residence	7.89E+00	6.41E-03	2.00E-06	1.64E-04	NA	1.41E-04	7.03E-04	2.87E-04	NA	4.42E-04	NA	3.31E-02	1.57E-04	2.42E-04	NA	1.03E-03	1.03E-05
303	369979	3755241	Residence	6.87E+00	6.18E-03	1.93E-06	1.43E-04	NA	1.15E-04	5.77E-04	2.47E-04	NA	4.13E-04	NA	2.82E-02	1.34E-04	2.04E-04	NA	8.93E-04	8.93E-06
304	369883	3755241	Residence	5.55E+00	5.74E-03	1.79E-06	1.16E-04	NA	8.37E-05	4.18E-04	1.95E-04	NA	3.73E-04	NA	2.19E-02	1.04E-04	1.56E-04	NA	7.20E-04	7.20E-06
306	369690	3755242	Residence	5.72E+00	4.95E-03	1.55E-06	1.13E-04	NA	9.03E-05	4.52E-04	2.02E-04	NA	4.05E-04	NA	2.31E-02	1.10E-04	1.72E-04	NA	7.87E-04	7.87E-06
307	369594	3755243	Residence	5.74E+00	5.19E-03	1.62E-06	1.14E-04	NA	8.77E-05	4.38E-04	2.04E-04	NA	4.18E-04	NA	2.34E-02	1.11E-04	1.70E-04	NA	7.92E-04	7.92E-06
308	369498	3755243	Residence	7.01E+00	6.02E-03	1.88E-06	1.40E-04	NA	1.13E-04	5.64E-04	2.53E-04	NA	4.79E-04	NA	2.91E-02	1.39E-04	2.11E-04	NA	9.59E-04	9.59E-06
309	369396	3755244	Residence	8.10E+00	7.00E-03	2.19E-06	1.64E-04	NA	1.33E-04	6.63E-04	2.96E-04	NA	5.33E-04	NA	3.41E-02	1.62E-04	2.44E-04	NA	1.10E-03	1.10E-05
310	369295	3755244	Residence	8.25E+00	7.68E-03	2.40E-06	1.69E-04	NA	1.31E-04	6.55E-04	3.05E-04	NA	5.48E-04	NA	3.50E-02	1.66E-04	2.43E-04	NA	1.11E-03	1.11E-05
311	369193	3755245	Residence	8.61E+00	8.14E-03	2.54E-06	1.78E-04	NA	1.36E-04	6.82E-04	3.19E-04	NA	5.67E-04	NA	3.65E-02	1.74E-04	2.53E-04	NA	1.15E-03	1.15E-05
312	369092	3755245	Residence	1.02E+01	8.54E-03	2.67E-06	2.08E-04	NA	1.72E-04	8.62E-04	3.72E-04	NA	6.27E-04	NA	4.29E-02	2.04E-04	3.09E-04	NA	1.36E-03	1.36E-05
313	368991	3755246	Residence	1.10E+01	8.65E-03	2.70E-06	2.24E-04	NA	1.94E-04	9.70E-04	4.00E-04	NA	6.52E-04	NA	4.63E-02	2.20E-04	3.41E-04	NA	1.47E-03	1.47E-05
314	368889	3755247	Residence	1.09E+01	8.50E-03	2.66E-06	2.21E-04	NA	1.92E-04	9.58E-04	3.93E-04	NA	6.26E-04	NA	4.53E-02	2.16E-04	3.34E-04	NA	1.43E-03	1.43E-05
315	368782	3755247	Residence	1.10E+01	8.31E-03	2.60E-06	2.16E-04	NA	1.86E-04	9.32E-04	3.80E-04	NA	7.25E-04	NA	4.39E-02	2.09E-04	3.41E-04	NA	1.50E-03	1.50E-05
316	368676	3755248	Residence	1.12E+01	8.19E-03	2.56E-06	2.09E-04	NA	1.79E-04	8.96E-04	3.66E-04	NA	9.03E-04	NA	4.22E-02	2.01E-04	3.56E-04	NA	1.65E-03	1.65E-05
317	368569	3755248	Residence	1.16E+01	8.06E-03	2.52E-06	2.03E-04	NA	1.73E-04	8.65E-04	3.53E-04	NA	1.11E-03	NA	4.05E-02	1.93E-04	3.77E-04	NA	1.82E-03	1.82E-05
318	368471	3755249	Residence	1.13E+01	7.86E-03	2.46E-06	1.88E-04	NA	1.54E-04	7.70E-04	3.20E-04	NA	1.24E-03	NA	3.65E-02	1.74E-04	3.70E-04	NA	1.87E-03	1.87E-05
319	368373	3755249	Residence	1.04E+01	7.50E-03	2.34E-06	1.66E-04	NA	1.29E-04	6.45E-04	2.78E-04	NA	1.25E-03	NA	3.13E-02	1.49E-04	3.38E-04	NA	1.78E-03	1.78E-05
320	368275	3755250	Residence	8.90E+00	7.03E-03	2.20E-06	1.43E-04	NA	1.04E-04	5.19E-04	2.34E-04	NA	1.10E-03	NA	2.61E-02	1.24E-04	2.83E-04	NA	1.52E-03	1.52E-05
321	368167	3755230	Residence	7.31E+00	6.43E-03	2.01E-06	1.22E-04	NA	8.29E-05	4.15E-04	1.96E-04	NA	8.78E-04	NA	2.16E-02	1.03E-04	2.25E-04	NA	1.21E-03	1.21E-05
322	368054	3755209	Residence	6.75E+00	5.88E-03	1.84E-06	1.08E-04	NA	7.10E-05	3.55E-04	1.71E-04	NA	8.73E-04	NA	1.88E-02	8.93E-05	2.09E-04	NA	1.16E-03	1.16E-05
323	367941	3755189	Residence	6.79E+00	5.55E-03	1.73E-06	1.10E-04	NA	7.72E-05	3.86E-04	1.76E-04	NA	8.42E-04	NA	1.95E-02	9.28E-05	2.13E-04	NA	1.15E-03	1.15E-05
324	367824	3755185	Residence	7.29E+00	5.45E-03	1.70E-06	1.15E-04	NA	8.66E-05	4.33E-04	1.89E-04	NA	9.02E-04	NA	2.12E-02	1.01E-04	2.35E-04	NA	1.25E-03	1.25E-05
325	367711	3755181	Residence	7.35E+00	5.54E-03	1.73E-06	1.22E-04	NA	9.38E-05	4.69E-04	2.00E-04	NA	8.40E-04	NA	2.25E-02	1.07E-04	2.36E-04	NA	1.22E-03	1.22E-05
326	367598	3755178	Residence	7.70E+00	5.64E-03	1.76E-06	1.26E-04	NA	9.82E-05	4.91E-04	2.08E-04	NA	8.94E-04	NA	2.34E-02	1.12E-04	2.49E-04	NA	1.29E-03	1.29E-05

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m³)	AMMONIUM ION (µg/m³)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m³)	ANTIMONY Acute Hazard	ARSENIC (µg/m³)	ARSENIC Acute Hazard	BROMINE (µg/m³)	BROMINE Acute Hazard	CADMIUM (µg/m³)	CADMIUM Acute Hazard	CHLORINE (µg/m³)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m³)	CHROMIUM VI Acute Hazard	COPPER (µg/m³)	COPPER Acute Hazard
327	367484	3755174	Residence	8.01E+00	5.61E-03	1.75E-06	1.26E-04	NA	9.96E-05	4.98E-04	2.11E-04	NA	9.73E-04	NA	2.38E-02	1.13E-04	2.63E-04	NA	1.38E-03	1.38E-05
328	367461	3755189	Residence	8.16E+00	5.64E-03	1.76E-06	1.28E-04	NA	1.01E-04	5.04E-04	2.14E-04	NA	1.00E-03	NA	2.41E-02	1.15E-04	2.68E-04	NA	1.41E-03	1.41E-05
329	367415	3755295	Residence	8.79E+00	5.93E-03	1.85E-06	1.32E-04	NA	1.03E-04	5.14E-04	2.24E-04	NA	1.15E-03	NA	2.54E-02	1.21E-04	2.92E-04	NA	1.58E-03	1.58E-05
330	367369	3755401	Residence	8.84E+00	6.64E-03	2.08E-06	1.39E-04	NA	1.03E-04	5.15E-04	2.34E-04	NA	1.11E-03	NA	2.64E-02	1.26E-04	2.86E-04	NA	1.54E-03	1.54E-05
331	367324	3755507	Residence	9.40E+00	7.59E-03	2.37E-06	1.63E-04	NA	1.23E-04	6.17E-04	2.77E-04	NA	1.00E-03	NA	3.13E-02	1.49E-04	2.96E-04	NA	1.52E-03	1.52E-05
332	367484	3755199	Residence	8.25E+00	5.71E-03	1.78E-06	1.29E-04	NA	1.02E-04	5.09E-04	2.16E-04	NA	1.01E-03	NA	2.44E-02	1.16E-04	2.71E-04	NA	1.43E-03	1.43E-05
333	367301	3755623	Residence	1.07E+01	8.74E-03	2.73E-06	1.81E-04	NA	1.34E-04	6.68E-04	3.08E-04	NA	1.22E-03	NA	3.46E-02	1.65E-04	3.39E-04	NA	1.77E-03	1.77E-05
334	367114	3756056	Residence	1.06E+01	9.00E-03	2.81E-06	1.87E-04	NA	1.38E-04	6.88E-04	3.16E-04	NA	1.13E-03	NA	3.56E-02	1.70E-04	3.30E-04	NA	1.70E-03	1.70E-05
335	366985	3756358	Residence	9.54E+00	6.80E-03	2.12E-06	1.49E-04	NA	1.15E-04	5.75E-04	2.53E-04	NA	1.19E-03	NA	2.87E-02	1.37E-04	3.13E-04	NA	1.67E-03	1.67E-05
336	366853	3756663	Residence	7.76E+00	5.41E-03	1.69E-06	1.26E-04	NA	1.02E-04	5.08E-04	2.14E-04	NA	8.91E-04	NA	2.43E-02	1.16E-04	2.54E-04	NA	1.31E-03	1.31E-05
337	366902	3756692	Residence	7.56E+00	5.40E-03	1.69E-06	1.26E-04	NA	1.01E-04	5.06E-04	2.13E-04	NA	8.36E-04	NA	2.42E-02	1.15E-04	2.46E-04	NA	1.25E-03	1.25E-05
338	366876	3756760	Residence	6.83E+00	5.16E-03	1.61E-06	1.17E-04	NA	9.31E-05	4.66E-04	1.99E-04	NA	7.18E-04	NA	2.25E-02	1.07E-04	2.19E-04	NA	1.10E-03	1.10E-05
339	366813	3756739	Residence	7.04E+00	5.13E-03	1.60E-06	1.18E-04	NA	9.39E-05	4.70E-04	1.99E-04	NA	7.73E-04	NA	2.26E-02	1.08E-04	2.28E-04	NA	1.16E-03	1.16E-05
340	366677	3757025	Residence	4.86E+00	4.05E-03	1.27E-06	8.80E-05	NA	6.74E-05	3.37E-04	1.48E-04	NA	4.71E-04	NA	1.67E-02	7.97E-05	1.51E-04	NA	7.49E-04	7.49E-06
341	366536	3757322	Residence	4.80E+00	3.97E-03	1.24E-06	8.71E-05	NA	6.71E-05	3.36E-04	1.46E-04	NA	4.61E-04	NA	1.65E-02	7.86E-05	1.49E-04	NA	7.37E-04	7.37E-06
342	366437	3757531	Residence	5.16E+00	4.23E-03	1.32E-06	9.62E-05	NA	7.63E-05	3.82E-04	1.64E-04	NA	4.55E-04	NA	1.86E-02	8.85E-05	1.60E-04	NA	7.71E-04	7.71E-06
343	366487	3757537	Residence	5.33E+00	4.34E-03	1.36E-06	9.92E-05	NA	7.89E-05	3.94E-04	1.69E-04	NA	4.71E-04	NA	1.92E-02	9.14E-05	1.66E-04	NA	7.97E-04	7.97E-06
344	366624	3757468	Residence	5.57E+00	4.43E-03	1.39E-06	1.02E-04	NA	8.15E-05	4.08E-04	1.73E-04	NA	5.10E-04	NA	1.97E-02	9.37E-05	1.75E-04	NA	8.47E-04	8.47E-06
345	366644	3757531	Residence	5.77E+00	4.66E-03	1.46E-06	1.07E-04	NA	8.53E-05	4.27E-04	1.83E-04	NA	5.13E-04	NA	2.08E-02	9.88E-05	1.80E-04	NA	8.66E-04	8.66E-06
346	366777	3757520	Residence	6.10E+00	4.95E-03	1.55E-06	1.14E-04	NA	9.06E-05	4.53E-04	1.94E-04	NA	5.38E-04	NA	2.21E-02	1.05E-04	1.90E-04	NA	9.13E-04	9.13E-06
347	366999	3757642	Residence	6.90E+00	6.87E-03	2.15E-06	1.36E-04	NA	9.57E-05	4.79E-04	2.35E-04	NA	5.90E-04	NA	2.65E-02	1.26E-04	2.02E-04	NA	9.94E-04	9.94E-06
348	367174	3757740	Residence	1.03E+01	1.10E-02	3.44E-06	2.14E-04	NA	1.49E-04	7.47E-04	3.80E-04	NA	7.70E-04	NA	4.31E-02	2.05E-04	2.95E-04	NA	1.41E-03	1.41E-05
349	367291	3757694	Residence	1.45E+01	1.71E-02	5.34E-06	3.18E-04	NA	2.12E-04	1.06E-03	5.69E-04	NA	9.47E-04	NA	6.43E-02	3.06E-04	3.96E-04	NA	1.86E-03	1.86E-05
350	367413	3757695	Residence	1.88E+01	2.38E-02	7.43E-06	4.30E-04	NA	2.76E-04	1.38E-03	7.72E-04	NA	1.09E-03	NA	8.72E-02	4.15E-04	4.95E-04	NA	2.29E-03	2.29E-05
351	367410	3757736	Residence	1.34E+01	1.69E-02	5.29E-06	3.00E-04	NA	1.88E-04	9.42E-04	5.35E-04	NA	8.70E-04	NA	6.03E-02	2.87E-04	3.54E-04	NA	1.69E-03	1.69E-05
352	367518	3757796	Residence	9.27E+00	1.16E-02	3.64E-06	2.03E-04	NA	1.26E-04	6.29E-04	3.68E-04	NA	6.46E-04	NA	4.14E-02	1.97E-04	2.46E-04	NA	1.20E-03	1.20E-05
353	367539	3757802	Residence	6.86E+00	8.83E-03	2.76E-06	1.46E-04	NA	8.41E-05	4.20E-04	2.63E-04	NA	5.53E-04	NA	2.94E-02	1.40E-04	1.80E-04	NA	9.25E-04	9.25E-06
354	367609	3757677	Residence	1.12E+01	1.41E-02	4.39E-06	2.48E-04	NA	1.55E-04	7.73E-04	4.51E-04	NA	7.63E-04	NA	5.09E-02	2.42E-04	2.99E-04	NA	1.44E-03	1.44E-05
355	367769	3757644	Residence	5.49E+00	5.16E-03	1.61E-06	9.73E-05	NA	6.55E-05	3.28E-04	1.76E-04	NA	5.90E-04	NA	2.00E-02	9.54E-05	1.66E-04	NA	8.75E-04	8.75E-06
356	367775	3757719	Residence	5.33E+00	5.09E-03	1.59E-06	9.54E-05	NA	6.38E-05	3.19E-04	1.73E-04	NA	5.62E-04	NA	1.96E-02	9.35E-05	1.59E-04	NA	8.41E-04	8.41E-06
357	367809	3757835	Residence	4.58E+00	4.21E-03	1.32E-06	7.99E-05	NA	5.41E-05	2.70E-04	1.45E-04	NA	5.03E-04	NA	1.64E-02	7.83E-05	1.39E-04	NA	7.38E-04	7.38E-06
358	367807	3757936	Residence	4.20E+00	3.32E-03	1.04E-06	7.05E-05	NA	5.30E-05	2.65E-04	1.25E-04	NA	4.65E-04	NA	1.43E-02	6.81E-05	1.33E-04	NA	6.90E-04	6.90E-06
359	367775	3757959	Residence	4.11E+00	3.24E-03	1.01E-06	6.86E-05	NA	5.14E-05	2.57E-04	1.22E-04	NA	4.58E-04	NA	1.39E-02	6.60E-05	1.30E-04	NA	6.76E-04	6.76E-06
360	367798	3758011	Residence	4.33E+00	3.35E-03	1.05E-06	7.43E-05	NA	5.78E-05	2.89E-04	1.25E-04	NA	4.55E-04	NA	1.41E-02	6.72E-05	1.37E-04	NA	6.93E-04	6.93E-06
361	367914	3757962	Residence	4.74E+00	3.66E-03	1.14E-06	8.38E-05	NA	6.67E-05	3.33E-04	1.40E-04	NA	4.64E-04	NA	1.58E-02	7.53E-05	1.49E-04	NA	7.37E-04	7.37E-06
362	367905	3757930	Residence	4.64E+00	3.62E-03	1.13E-06	8.09E-05	NA	6.34E-05	3.17E-04	1.38E-04	NA	4.69E-04	NA	1.57E-02	7.45E-05	1.46E-04	NA	7.32E-04	7.32E-06
363	368109	3757840	Residence	5.31E+00	4.25E-03	1.33E-06	9.99E-05	NA	8.10E-05	4.05E-04	1.68E-04	NA	4.45E-04	NA	1.90E-02	9.04E-05	1.65E-04	NA	7.77E-04	7.77E-06
364	368233	3757790	Residence	5.70E+00	4.68E-03	1.46E-06	1.13E-04	NA	9.27E-05	4.63E-04	1.90E-04	NA	4.07E-04	NA	2.16E-02	1.03E-04	1.74E-04	NA	7.87E-04	7.87E-06
365	368309	3757762	Residence	5.91E+00	4.96E-03	1.55E-06	1.20E-04	NA	9.96E-05	4.98E-04	2.03E-04	NA	3.80E-04	NA	2.32E-02	1.10E-04	1.79E-04	NA	7.90E-04	7.90E-06
366	368603	3757765	Residence	6.13E+00	5.48E-03	1.71E-06	1.26E-04	NA	1.01E-04	5.07E-04	2.17E-04	NA	3.86E-04	NA	2.47E-02	1.18E-04	1.82E-04	NA	8.07E-04	8.07E-06
367	368604	3757719	Residence	6.49E+00	5.71E-03	1.78E-06	1.34E-04	NA	1.08E-04	5.42E-04	2.29E-04	NA	4.06E-04	NA	2.61E-02	1.24E-04	1.94E-04	NA	8.55E-04	8.55E-06
368	368770	3757799	Residence	6.54E+00	6.10E-03	1.91E-06	1.38E-04	NA	1.09E-04	5.43E-04	2.30E-04	NA	3.92E-04	NA	2.60E-02	1.24E-04	1.91E-04	NA	8.37E-04	8.37E-06
369	369017	3757954	Residence	7.13E+00	6.15E-03	1.92E-06	1.51E-04	NA	1.26E-04	6.30E-04	2.63E-04	NA	3.84E-04	NA	3.01E-02	1.44E-04	2.14E-04	NA	9.08E-04	9.08E-06
370	369080	3757864	Residence	7.54E+00	6.55E-03	2.05E-06	1.59E-04	NA	1.32E-04	6.58E-04	2.77E-04	NA	4.17E-04	NA	3.18E-02	1.51E-04	2.26E-04	NA	9.66E-04	9.66E-06
371	369224	3757952	Residence	5.95E+00	5.58E-03	1.74E-06	1.25E-04	NA	9.75E-05	4.87E-04	2.20E-04	NA	3.61E-04	NA	2.52E-02	1.20E-04	1.74E-04	NA	7.72E-04	7.72E-06
372	369409	3757730	Residence	8.35E+00	6.56E-03	2.05E-06	1.67E-04	NA	1.43E-04	7.17E-04	2.97E-04	NA	5.30E-04	NA	3.43E-02	1.63E-04	2.58E-04	NA	1.13E-03	1.13E-05
373	369454	3757776	Residence	8.04E+00	6.26E-03	1.96E-06	1.61E-04	NA	1.38E-04	6.91E-04	2.83E-04	NA	5.10E-04	NA	3.26E-02	1.55E-04	2.48E-04	NA	1.09E-03	1.09E-05
374	369265	3757997	Residence	6.14E+00	5.28E-03	1.65E-06	1.27E-04	NA	1.05E-04	5.23E-04	2.26E-04	NA	3.66E-04	NA	2.60E-02	1.24E-04	1.85E-04	NA	8.07E-04	8.07E-06
375	369452	3758128	Residence	5.94E+00	4.77E-03	1.49E-06	1.21E-04	NA	1.03E-04	5.15E-04	2.13E-04	NA	3.58E-04	NA	2.45E-02	1.17E-04	1.82E-04	NA	7.89E-04	7.89E-06
376	369460	3758394	Residence	4.78E+00	4.08E-03	1.27E-06	9.96E-05	NA	8.29E-05	4.15E-04	1.75E-04	NA	2.73E-04	NA	2.01E-02	9.59E-05	1.44E-04	NA	6.21E-04	6.21E-06
377	369853	3758394	Residence	3.43E+00	4.21E-03	1.32E-06	7.28E-05	NA	4.45E-05	2.22E-04	1.31E-04	NA	2.54E-04	NA	1.47E-02	6.99E-05	9.04E-05	NA	4.48E-04	4.48E-06
378	369850	3758078	Residence	5.17E+00	6.67E-03	2.08E-06	1.13E-04	NA	6.73E-05	3.37E-04	2.02E-04	NA	3.59E-04	NA	2.27E-02	1.08E-04	1.33E-04	NA	6.54E-04	6.54E-06
384	370886	3758089	Residence	7.28E+00	8.77E-03	2.74E-06	1.64E-04	NA	1.09E-04	5.47E-04	2.89E-04	NA	4.19E-04	NA	3.25E-02	1.55E-04	1.94E-04	NA	8.87E-04	8.87E-06
391	371193	3757720	Residence	5.60E+00	4.83E-03	1.51E-06	1.13E-04	NA	9.15E-05	4.57E-04	1.99E-04	NA	3.71E-04	NA	2.28E-02	1.09E-04	1.68E-04	NA	7.55E-04	7.55E-06
392	371254	3757762	Residence	5.38E+00	4.70E-03	1.47E-06	1.09E-04	NA	8.73E-05	4.37E-04	1.91E-04	NA	3.58E-04	NA	2.18E-02	1.04E-04	1.61E-04	NA	7.25E-04	7.25E-06
393	371264	3757783	Residence	5.34E+00	4.63E-03	1.45E-06	1.08E-04	NA	8.68E-05	4.34E-04	1.89E-04	NA	3.56E-04	NA	2.16E-02	1.03E-04	1.60E-04	NA	7.21E-04	7.21E-06
394	371372	3757782	Residence	5.37E+00	4.72E-03	1.48E-06	1.09E-04	NA	8.79E-05	4.40E-04	1.90E-04	NA	3.51E-04	NA	2.17E-02	1.03E-04	1.60E-04	NA	7.17E-04	7.17E-06
395	371399	3757806	Residence	5.27E+00	4.65E-03	1.45E-06	1.07E-04	NA	8.62E-05	4.31E-04	1.86E-04	NA	3.45E-04	NA	2.12E-02	1.01E-04	1.57E-04	NA	7.05E-04	7.05E-06
396	371798	3758080	Residence	4.41E+00	3.97E-03	1.24E-06	9.01E-05	NA	7.13E-05	3.56E-04	1.56E-04	NA	2.92E-04	NA	1.77E-02	8.43E-05	1.31E-04	NA	5.89E-04	5.89E-06
397	371908	3757934	Residence	4.48E+00	4.23E-03	1.32E-06	9.32E-05	NA	7.23E-05	3.61E-04	1.62E-04	NA	2.87E-04	NA	1.84E-02	8.77E-05	1.31E-04	NA	5.90E-04	5.90E-06
398	371964	3757922	Residence	4.62E+00	4.24E-03	1.32E-06	9.61E-05	NA	7.60E-05	3.80E-04	1.67E-04	NA	2.89E-04	NA	1.91E-02	9.09E-05	1.37E-04	NA	6.07E-04	6.07E-06
442	370667	3755262	Residence	3.41E+00	4.35E-03	1.36E-06	7.51E-05	NA	4.58E-05	2.29E-04	1.33E-04	NA	2.17E-04	NA	1.49E-02	7.11E-05	8.65E-05	NA	4.16E-04	4.16E-06
443	370380	3755263	Residence	6.66E+00	5.77E-03	1.80E-06	1.40E-04	NA	1.16E-04	5.79E-04	2.48E-04	NA	3.60E-04	NA	2.86E-02	1.36E-04	1.98E-04	NA	8.48E-04	8.48E-06
444	370076	3755265	Residence	8.14E+00	6.56E-03	2.05E-06	1.69E-04	NA	1.46E-04	7.29E-04	2.97E-04	NA	4.50E-04	NA	3.42E-02	1.63E-04	2.49E-04	NA	1.06E-03	1.06E-05
446	369498	3755268	Residence	7.27E+00	6.27E-03	1.96E-06	1.46E-04	NA	1.17E-04	5.85E-04	2.63E-04	NA	4.93E-04	NA	3.03E-02	1.44E-04	2.19E-04	NA	9.92E-04	9.92E-06
447	369194	3755270	Residence	9.08E+00	8.43E-03	2.63E-06	1.87E-04	NA	1.45E-04	7.25E-04	3.35E-04	NA	5.95E-04	NA	3.84E-02	1.83E-04	2.68E-04	NA	1.21E-03	1.21E-05
448	368889	3755272	Residence	1.10E+01	8.61E-03	2.69E-06	2.23E-04	NA	1.93E-04	9.65E-04	3.96E-04	NA	6.50E-04	NA	4.57E-02	2.18E-04	3.39E-04	NA	1.46E-03	1.46E-05
449	368569	3755273	Residence	1.16E+01	8.20E-03	2.56E-06	2.05E-04	NA	1.73E-04	8.66E-04	3.54E-04	NA	1.10E-03	NA	4.06E-02	1.93E-04	3.76E-04	NA	1.82E-03	1.82E-05
450	368275	3755275	Residence	8.88E+00	7.05E-03	2.20E-06	1.40E-04	NA	9.97E-05	4.98E-04	2.28E-04	NA	1.13E-03	NA	2.53E-02	1.20E-04	2.83E-04	NA	1.54E-03	1.54E-05
451	367936	3755213	Residence	7.14E+00	5.58E-03	1.74E-06	1.14E-04	NA	8.32E-05	4.16E-04	1.86E-04	NA	8.83E-04	NA	2.07E-02	9.86E-05	2.27E-04	NA	1.22E-03	1.22E-05
74	370324	3758078	School	1.02E+01	1.25E-02	3.90E-06	2.22E-04	NA	1.41E-04	7.03E-04	4.04E-04	NA	7.06E-04	NA	4.57E-02	2.18E-04	2.74E-04	NA	1.33E-03	1.33E-05
75	370324	3758078	School	9.56E+00	1.16E-02	3.62E-06	2.05E-04	NA	1.29E-04	6.43E-04	3.73E-04	NA	7.05E-04	NA	4.21E-02	2.01E-04	2.59E-04	NA	1.27E-03	1.27E-05
76	370324	3758078	School	7.29E+00	7.98E-03	2.50E-06	1.45E-04	NA	9.39E-05	4.70E-04	2.64E-04	NA	6.36E-04	NA	2.99E-02	1.42E-04	2.07E-04	NA	1.05E-03	1.05E-05

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour PM10 Conc. (µg/m^3)	AMMONIUM ION (µg/m^3)	AMMONIUM ION Acute Hazard	ANTIMONY (µg/m^3)	ANTIMONY Acute Hazard	ARSENIC (µg/m^3)	ARSENIC Acute Hazard	BROMINE (µg/m^3)	BROMINE Acute Hazard	CADMIUM (µg/m^3)	CADMIUM Acute Hazard	CHLORINE (µg/m^3)	CHLORINE Acute Hazard	CHROMIUM VI (µg/m^3)	CHROMIUM VI Acute Hazard	COPPER (µg/m^3)	COPPER Acute Hazard
77	370324	3758078	School	5.64E+00	5.60E-03	1.75E-06	1.04E-04	NA	6.85E-05	3.43E-04	1.88E-04	NA	5.72E-04	NA	2.14E-02	1.02E-04	1.67E-04	NA	8.72E-04	8.72E-06
130	370324	3758078	School	4.62E+00	6.22E-03	1.94E-06	1.03E-04	NA	5.92E-05	2.96E-04	1.73E-04	NA	3.22E-04	NA	1.90E-02	9.06E-05	1.16E-04	NA	5.72E-04	5.72E-06
131	370381	3757991	School	3.87E+00	4.71E-03	1.47E-06	8.13E-05	NA	4.96E-05	2.48E-04	1.37E-04	NA	3.02E-04	NA	1.52E-02	7.24E-05	1.02E-04	NA	5.11E-04	5.11E-06
132	370435	3758019	School	3.59E+00	4.32E-03	1.35E-06	7.46E-05	NA	4.55E-05	2.28E-04	1.23E-04	NA	2.88E-04	NA	1.36E-02	6.47E-05	9.51E-05	NA	4.77E-04	4.77E-06
133	370499	3758050	School	3.48E+00	4.04E-03	1.26E-06	7.12E-05	NA	4.45E-05	2.23E-04	1.28E-04	NA	2.79E-04	NA	1.44E-02	6.87E-05	9.44E-05	NA	4.74E-04	4.74E-06
134	370485	3758025	School	3.64E+00	4.07E-03	1.27E-06	7.41E-05	NA	4.81E-05	2.40E-04	1.34E-04	NA	2.88E-04	NA	1.52E-02	7.25E-05	1.00E-04	NA	4.98E-04	4.98E-06
135	370481	3758086	School	3.42E+00	4.19E-03	1.31E-06	7.13E-05	NA	4.27E-05	2.14E-04	1.17E-04	NA	2.75E-04	NA	1.29E-02	6.12E-05	8.96E-05	NA	4.52E-04	4.52E-06
305	369787	3755242	School	5.64E+00	5.38E-03	1.68E-06	1.15E-04	NA	8.71E-05	4.36E-04	1.92E-04	NA	3.89E-04	NA	2.16E-02	1.03E-04	1.63E-04	NA	7.47E-04	7.47E-06
379	370299	3758078	School	5.05E+00	6.88E-03	2.15E-06	1.14E-04	NA	6.55E-05	3.28E-04	1.92E-04	NA	3.39E-04	NA	2.12E-02	1.01E-04	1.26E-04	NA	6.17E-04	6.17E-06
380	370298	3757963	School	5.13E+00	6.72E-03	2.10E-06	1.14E-04	NA	6.72E-05	3.36E-04	1.94E-04	NA	3.54E-04	NA	2.16E-02	1.03E-04	1.31E-04	NA	6.40E-04	6.40E-06
381	370382	3757966	School	3.81E+00	4.50E-03	1.41E-06	7.90E-05	NA	4.92E-05	2.46E-04	1.35E-04	NA	3.02E-04	NA	1.50E-02	7.14E-05	1.02E-04	NA	5.10E-04	5.10E-06
382	370510	3758027	School	3.86E+00	4.45E-03	1.39E-06	7.99E-05	NA	5.10E-05	2.55E-04	1.45E-04	NA	2.95E-04	NA	1.64E-02	7.81E-05	1.05E-04	NA	5.19E-04	5.19E-06
383	370506	3758088	School	3.31E+00	4.05E-03	1.27E-06	6.88E-05	NA	4.10E-05	2.05E-04	1.15E-04	NA	2.70E-04	NA	1.26E-02	6.02E-05	8.71E-05	NA	4.42E-04	4.42E-06
445	369787	3755267	School	5.77E+00	5.54E-03	1.73E-06	1.18E-04	NA	8.91E-05	4.46E-04	1.97E-04	NA	3.95E-04	NA	2.22E-02	1.06E-04	1.66E-04	NA	7.61E-04	7.61E-06

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
			CalEPA Acute REL		NA		NA		0.6		6		NA		NA		120		30		NA		NA
29	370479	3756654	Commercial	1.40E-02	NA	2.29E-02	NA	5.98E-04	9.96E-04	2.15E-03	3.59E-04	3.71E-04	NA	4.79E+00	NA	5.15E-01	4.29E-03	6.57E-03	2.19E-04	1.64E-02	NA	7.11E+00	NA
141	370911	3758089	Commercial	2.95E-03	NA	4.76E-03	NA	1.43E-04	2.39E-04	5.93E-04	9.89E-05	1.99E-04	NA	9.96E-01	NA	2.25E-01	1.87E-03	1.33E-03	4.44E-05	3.78E-03	NA	2.23E+00	NA
142	370911	3757976	Commercial	2.87E-03	NA	4.63E-03	NA	1.49E-04	2.48E-04	6.14E-04	1.02E-04	2.16E-04	NA	9.67E-01	NA	2.47E-01	2.06E-03	1.29E-03	4.32E-05	3.84E-03	NA	2.51E+00	NA
143	370911	3757863	Commercial	2.44E-03	NA	3.90E-03	NA	1.12E-04	1.87E-04	5.37E-04	8.95E-05	2.18E-04	NA	8.25E-01	NA	2.32E-01	1.93E-03	1.08E-03	3.58E-05	3.06E-03	NA	1.67E+00	NA
144	370910	3757751	Commercial	2.79E-03	NA	4.47E-03	NA	1.10E-04	1.83E-04	5.50E-04	9.17E-05	2.24E-04	NA	9.54E-01	NA	2.15E-01	1.79E-03	1.24E-03	4.12E-05	3.21E-03	NA	1.25E+00	NA
145	370930	3757712	Commercial	2.96E-03	NA	4.74E-03	NA	1.16E-04	1.93E-04	5.72E-04	9.53E-05	2.26E-04	NA	1.01E+00	NA	2.18E-01	1.81E-03	1.32E-03	4.38E-05	3.38E-03	NA	1.29E+00	NA
146	370961	3757689	Commercial	3.05E-03	NA	4.88E-03	NA	1.19E-04	1.98E-04	5.82E-04	9.69E-05	2.26E-04	NA	1.04E+00	NA	2.17E-01	1.81E-03	1.36E-03	4.52E-05	3.47E-03	NA	1.31E+00	NA
147	371046	3757693	Commercial	2.99E-03	NA	4.80E-03	NA	1.17E-04	1.95E-04	5.70E-04	9.50E-05	2.18E-04	NA	1.02E+00	NA	2.12E-01	1.77E-03	1.33E-03	4.45E-05	3.42E-03	NA	1.29E+00	NA
148	371071	3757668	Commercial	2.98E-03	NA	4.78E-03	NA	1.17E-04	1.96E-04	5.68E-04	9.47E-05	2.17E-04	NA	1.02E+00	NA	2.12E-01	1.76E-03	1.33E-03	4.43E-05	3.41E-03	NA	1.31E+00	NA
149	371071	3757585	Commercial	3.03E-03	NA	4.86E-03	NA	1.23E-04	2.04E-04	5.78E-04	9.63E-05	2.17E-04	NA	1.03E+00	NA	2.15E-01	1.79E-03	1.35E-03	4.51E-05	3.51E-03	NA	1.44E+00	NA
150	371047	3757610	Commercial	3.05E-03	NA	4.90E-03	NA	1.22E-04	2.03E-04	5.81E-04	9.68E-05	2.19E-04	NA	1.04E+00	NA	2.16E-01	1.80E-03	1.36E-03	4.54E-05	3.51E-03	NA	1.39E+00	NA
151	371122	3757609	Commercial	2.99E-03	NA	4.81E-03	NA	1.21E-04	2.02E-04	5.68E-04	9.47E-05	2.12E-04	NA	1.02E+00	NA	2.09E-01	1.75E-03	1.34E-03	4.46E-05	3.47E-03	NA	1.42E+00	NA
152	371099	3757595	Commercial	3.02E-03	NA	4.86E-03	NA	1.22E-04	2.04E-04	5.74E-04	9.57E-05	2.14E-04	NA	1.03E+00	NA	2.12E-01	1.77E-03	1.35E-03	4.51E-05	3.50E-03	NA	1.44E+00	NA
153	371135	3757663	Commercial	2.84E-03	NA	4.56E-03	NA	1.14E-04	1.90E-04	5.48E-04	9.13E-05	2.11E-04	NA	9.70E-01	NA	2.07E-01	1.72E-03	1.27E-03	4.22E-05	3.29E-03	NA	1.33E+00	NA
168	371995	3757843	Commercial	2.48E-03	NA	4.00E-03	NA	1.00E-04	1.67E-04	4.42E-04	7.37E-05	1.45E-04	NA	8.47E-01	NA	1.46E-01	1.21E-03	1.12E-03	3.74E-05	2.86E-03	NA	1.15E+00	NA
169	371969	3757867	Commercial	2.41E-03	NA	3.88E-03	NA	9.81E-05	1.63E-04	4.37E-04	7.28E-05	1.48E-04	NA	8.22E-01	NA	1.48E-01	1.23E-03	1.09E-03	3.62E-05	2.79E-03	NA	1.15E+00	NA
170	372023	3757868	Commercial	2.43E-03	NA	3.92E-03	NA	9.83E-05	1.64E-04	4.35E-04	7.25E-05	1.44E-04	NA	8.29E-01	NA	1.44E-01	1.20E-03	1.10E-03	3.66E-05	2.80E-03	NA	1.13E+00	NA
171	372048	3757843	Commercial	2.49E-03	NA	4.02E-03	NA	1.00E-04	1.67E-04	4.39E-04	7.31E-05	1.41E-04	NA	8.50E-01	NA	1.42E-01	1.18E-03	1.13E-03	3.76E-05	2.86E-03	NA	1.13E+00	NA
172	372047	3757746	Commercial	2.61E-03	NA	4.22E-03	NA	1.05E-04	1.74E-04	4.49E-04	7.48E-05	1.36E-04	NA	8.93E-01	NA	1.39E-01	1.16E-03	1.19E-03	3.96E-05	2.99E-03	NA	1.16E+00	NA
173	372046	3757649	Commercial	2.58E-03	NA	4.18E-03	NA	1.04E-04	1.74E-04	4.40E-04	7.34E-05	1.29E-04	NA	8.82E-01	NA	1.34E-01	1.12E-03	1.18E-03	3.93E-05	2.96E-03	NA	1.17E+00	NA
174	372045	3757551	Commercial	2.38E-03	NA	3.86E-03	NA	9.86E-05	1.64E-04	4.12E-04	6.86E-05	1.20E-04	NA	8.13E-01	NA	1.28E-01	1.07E-03	1.09E-03	3.63E-05	2.77E-03	NA	1.17E+00	NA
175	372041	3757448	Commercial	2.15E-03	NA	3.49E-03	NA	9.14E-05	1.52E-04	3.79E-04	6.32E-05	1.11E-04	NA	7.33E-01	NA	1.22E-01	1.02E-03	9.83E-04	3.28E-05	2.54E-03	NA	1.13E+00	NA
176	372036	3757345	Commercial	2.07E-03	NA	3.35E-03	NA	8.72E-05	1.45E-04	3.74E-04	6.24E-05	1.18E-04	NA	7.07E-01	NA	1.26E-01	1.05E-03	9.41E-04	3.14E-05	2.44E-03	NA	1.07E+00	NA
177	372032	3757242	Commercial	1.86E-03	NA	2.99E-03	NA	8.11E-05	1.35E-04	3.57E-04	5.94E-05	1.26E-04	NA	6.32E-01	NA	1.31E-01	1.09E-03	8.36E-04	2.79E-05	2.24E-03	NA	1.08E+00	NA
178	372027	3757139	Commercial	1.97E-03	NA	3.17E-03	NA	8.72E-05	1.45E-04	3.83E-04	6.38E-05	1.37E-04	NA	6.68E-01	NA	1.42E-01	1.19E-03	8.85E-04	2.95E-05	2.39E-03	NA	1.20E+00	NA
179	372003	3757115	Commercial	2.10E-03	NA	3.38E-03	NA	9.18E-05	1.53E-04	4.01E-04	6.69E-05	1.40E-04	NA	7.13E-01	NA	1.46E-01	1.21E-03	9.45E-04	3.15E-05	2.53E-03	NA	1.23E+00	NA
180	371881	3757114	Commercial	2.05E-03	NA	3.30E-03	NA	9.22E-05	1.54E-04	4.02E-04	6.69E-05	1.43E-04	NA	6.96E-01	NA	1.51E-01	1.26E-03	9.22E-04	3.07E-05	2.51E-03	NA	1.29E+00	NA
181	371758	3757113	Commercial	2.14E-03	NA	3.45E-03	NA	9.65E-05	1.61E-04	4.17E-04	6.96E-05	1.47E-04	NA	7.27E-01	NA	1.56E-01	1.30E-03	9.65E-04	3.22E-05	2.63E-03	NA	1.35E+00	NA
182	371636	3757112	Commercial	2.51E-03	NA	4.06E-03	NA	1.09E-04	1.81E-04	4.66E-04	7.77E-05	1.51E-04	NA	8.55E-01	NA	1.64E-01	1.36E-03	1.14E-03	3.80E-05	3.01E-03	NA	1.41E+00	NA
183	371514	3757111	Commercial	2.91E-03	NA	4.71E-03	NA	1.26E-04	2.09E-04	5.24E-04	8.73E-05	1.57E-04	NA	9.91E-01	NA	1.75E-01	1.46E-03	1.33E-03	4.42E-05	3.47E-03	NA	1.61E+00	NA
184	371394	3757110	Commercial	3.29E-03	NA	5.34E-03	NA	1.44E-04	2.39E-04	5.82E-04	9.70E-05	1.63E-04	NA	1.12E+00	NA	1.88E-01	1.56E-03	1.51E-03	5.03E-05	3.94E-03	NA	1.86E+00	NA
185	371275	3757110	Commercial	3.81E-03	NA	6.20E-03	NA	1.66E-04	2.77E-04	6.55E-04	1.09E-04	1.70E-04	NA	1.30E+00	NA	2.00E-01	1.67E-03	1.76E-03	5.85E-05	4.55E-03	NA	2.12E+00	NA
186	371155	3757109	Commercial	4.53E-03	NA	7.37E-03	NA	1.93E-04	3.22E-04	7.48E-04	1.25E-04	1.76E-04	NA	1.54E+00	NA	2.12E-01	1.77E-03	2.10E-03	6.98E-05	5.34E-03	NA	2.36E+00	NA
187	371035	3757108	Commercial	5.14E-03	NA	8.38E-03	NA	2.16E-04	3.60E-04	8.33E-04	1.39E-04	1.91E-04	NA	1.76E+00	NA	2.28E-01	1.90E-03	2.38E-03	7.94E-05	6.00E-03	NA	2.55E+00	NA
188	371060	3757133	Commercial	5.02E-03	NA	8.18E-03	NA	2.10E-04	3.50E-04	8.15E-04	1.36E-04	1.90E-04	NA	1.72E+00	NA	2.24E-01	1.87E-03	2.33E-03	7.75E-05	5.85E-03	NA	2.46E+00	NA
189	371059	3757085	Commercial	5.00E-03	NA	8.16E-03	NA	2.13E-04	3.55E-04	8.16E-04	1.36E-04	1.85E-04	NA	1.71E+00	NA	2.25E-01	1.88E-03	2.32E-03	7.73E-05	5.88E-03	NA	2.58E+00	NA
190	371034	3757060	Commercial	5.11E-03	NA	8.32E-03	NA	2.19E-04	3.65E-04	8.38E-04	1.40E-04	1.91E-04	NA	1.74E+00	NA	2.34E-01	1.95E-03	2.37E-03	7.89E-05	6.03E-03	NA	2.69E+00	NA
191	370944	3757061	Commercial	5.60E-03	NA	9.13E-03	NA	2.36E-04	3.94E-04	9.02E-04	1.50E-04	2.00E-04	NA	1.91E+00	NA	2.43E-01	2.03E-03	2.60E-03	8.67E-05	6.55E-03	NA	2.81E+00	NA
192	370854	3757061	Commercial	5.98E-03	NA	9.74E-03	NA	2.48E-04	4.14E-04	9.57E-04	1.60E-04	2.15E-04	NA	2.04E+00	NA	2.57E-01	2.14E-03	2.77E-03	9.24E-05	6.93E-03	NA	2.86E+00	NA
193	370764	3757062	Commercial	6.16E-03	NA	1.00E-02	NA	2.54E-04	4.23E-04	9.91E-04	1.65E-04	2.31E-04	NA	2.11E+00	NA	2.71E-01	2.26E-03	2.85E-03	9.50E-05	7.12E-03	NA	2.90E+00	NA
194	370789	3757086	Commercial	5.90E-03	NA	9.60E-03	NA	2.43E-04	4.05E-04	9.55E-04	1.59E-04	2.29E-04	NA	2.02E+00	NA	2.66E-01	2.21E-03	2.73E-03	9.09E-05	6.82E-03	NA	2.78E+00	NA
195	370786	3756996	Commercial	6.58E-03	NA	1.07E-02	NA	2.76E-04	4.60E-04	1.04E-03	1.74E-04	2.20E-04	NA	2.25E+00	NA	2.73E-01	2.28E-03	3.06E-03	1.02E-04	7.67E-03	NA	3.23E+00	NA
196	370782	3756907	Commercial	6.74E-03	NA	1.10E-02	NA	3.00E-04	4.99E-04	1.12E-03	1.86E-04	2.44E-04	NA	2.30E+00	NA	3.18E-01	2.65E-03	3.14E-03	1.05E-04	8.12E-03	NA	3.90E+00	NA
197	370779	3756817	Commercial	8.14E-03	NA	1.33E-02	NA	3.84E-04	6.40E-04	1.38E-03	2.31E-04	2.82E-04	NA	2.76E+00	NA	4.00E-01	3.33E-03	3.80E-03	1.27E-04	1.01E-02	NA	5.46E+00	NA
198	370755	3756843	Commercial	7.15E-03	NA	1.17E-02	NA	3.37E-04	5.61E-04	1.23E-03	2.05E-04	2.67E-04	NA	2.43E+00	NA	3.69E-01	3.07E-03	3.33E-03	1.11E-04	8.91E-03	NA	4.80E+00	NA
199	370847	3756839	Commercial	6.43E-03	NA	1.05E-02	NA	3.13E-04	5.22E-04	1.14E-03	1.91E-04	2.60E-04	NA	2.18E+00	NA	3.60E-01	3.00E-03	2.99E-03	9.96E-05	8.18E-03	NA	4.70E+00	NA
200	370940	3756836	Commercial	5.28E-03	NA	8.60E-03	NA	2.53E-04	4.21E-04	9.58E-04	1.60E-04	2.42E-04	NA	1.79E+00	NA	3.14E-01	2.62E-03	2.44E-03	8.13E-05	6.66E-03	NA	3.73E+00	NA
201	371032	3756832	Commercial	5.13E-03	NA	8.34E-03	NA	2.31E-04	3.86E-04	8.96E-04	1.49E-04	2.31E-04	NA	1.74E+00	NA	2.79E-01	2.32E-03	2.37E-03	7.88E-05	6.25E-03	NA	3.13E+00	NA
202	371056	3756809	Commercial	5.53E-03	NA	9.00E-03	NA	2.44E-04	4.06E-04	9.43E-04	1.57E-04	2.35E-04	NA	1.88E+00	NA	2.81E-01	2.34E-03	2.56E-03	8.52E-05	6.65E-03	NA	3.17E+00	NA
203	371058	3756782	Commercial	5.95E-03	NA	9.69E-03	NA	2.59E-04	4.31E-04	9.98E-04	1.66E-04	2.41E-04	NA	2.03E+00	NA	2.88E-01	2.40E-03	2.75E-03	9.18E-05	7.09E-03	NA	3.27E+00	NA
204	371034	3756805	Commercial	5.67E-03	NA	9.23E-03	NA	2.51E-04	4.18E-04	9.67E-04	1.61E-04	2.38E-04	NA	1.93E+00	NA	2.88E-01	2.40E-03	2.62E-03	8.73E-05	6.83E-03	NA	3.28E+00	NA
205	371146	3756803	Commercial	5.34E-03	NA	8.68E-03	NA	2.29E-04	3.82E-04	8.99E-04	1.50E-04	2.27E-04	NA	1.82E+00	NA	2.64E-01	2.20E-03	2.46E-03	8.21E-05	6.32E-03	NA	2.84E+00	NA
206	371259	3756800	Commercial	5.00E-03	NA	8.13E-03	NA	2.10E-04	3.50E-04	8.38E-04	1.40E-04	2.16E-04	NA	1.71E+00	NA	2.44E-01	2.03E-03	2.31E-03	7.68E-05	5.85E-03	NA	2.50E+00	NA
207	371371	3756798	Commercial	4.66E-03	NA	7.58E-03	NA	1.92E-04	3.21E-04	7.79E-04	1.30E-04	2.06E-04	NA	1.59E+00	NA	2.27E-01	1.89E-03	2.14E-03	7.15E-05	5.41E-03	NA	2.22E+00	NA
208	371484	3756795	Commercial	4.33E-03	NA	7.02E-03	NA	1.76E-04	2.94E-04	7.25E-04	1.21E-04	1.97E-04	NA	1.48E+00	NA	2.12E-01	1.77E-03	1.99E-03	6.62E-05	4.99E-03	NA	2.00E+00	NA
209	371595	3756793	Commercial	4.00E-03	NA	6.49E-03	NA	1.62E-04	2.70E-04	6.74E-04	1.12E-04	1.89E-04	NA	1.37E+00	NA	2.00E-01	1.67E-03	1.83E-03	6.11E-05	4.60E-03	NA	1.82E+00	NA
210	371706	3756791	Commercial	3.69E-03	NA	5.99E-03	NA	1.49E-04	2.48E-04	6.27E-04	1.04E-04	1.81E-04	NA	1.26E+00	NA	1.89E-01	1.57E-03	1.69E-03	5.63E-05	4.24E-03	NA	1.66E+00	NA
211	371818	3756788	Commercial	3.41E-03	NA	5.52E-03	NA	1.37E-04	2.28E-04	5.83E-04	9.72E-05	1.73E-04	NA	1.17E+00	NA	1.79E-01	1.49E-03	1.56E-03	5.19E-05	3.91E-03	NA	1.53E+00	NA
212	371932	3756786	Commercial	3.14E-03	NA	5.08E-03	NA	1.26E-04	2.10E-04	5.43E-04	9.04E-05	1.66E-04	NA	1.07E+00	NA	1.69E-01	1.41E-03	1.43E-03	4.76E-05	3.60E-03	NA	1.41E+00	NA
213	372046	3756783	Commercial	2.89E-03	NA	4.67E-03	NA	1.16E-04	1.94E-04	5.05E-04	8.42E-05	1.59E-04	NA	9.88E-01	NA	1.61E-01	1.34E-03	1.31E-03	4.38E-05	3.32E-03	NA	1.30E+00	NA
214	372161	3756780	Commercial	2.66E-03	NA	4.30E-03	NA	1.07E-04	1.79E-04	4.71E-04	7.85E-05	1.52E-04	NA	9.10E-01	NA	1.53E-01	1.28E-03	1.21E-03	4.02E-05	3.06E-03	NA	1.21E+00	NA
215	372275	3756778	Commercial	2.46E-03	NA	3.96E-03	NA	9.90E-05	1.65E-04	4.40E-04	7.33E-05	1.46E-04	NA	8.39E-01	NA	1.46E-01	1.22E-03	1.11E-03	3.70E-05	2.83E-03	NA	1.13E+00	NA
216	372385	3756776	Commercial	2.27E-03	NA	3.66E-03	NA	9.20E-05	1.53E-04	4.13E-04	6.88E-05	1.40E-04	NA	7.77E-01	NA	1.40E-01	1.16E-03	1.03E-03	3.42E-05	2.63E-03	NA	1.06E+00	NA
217	372494	3756773	Commercial	2.11E-03	NA	3.39E-03	NA	8.55E-05	1.43E-04	3.87E-04	6.46E-05	1.35E-04	NA	7.19E-01	NA	1.34E-01	1.12E-03	9.49E-04	3.16E-05	2.44E-03	NA	9.98E-01	NA
218	372604	3756771	Commercial	1.95E-03	NA	3.14E-03	NA	7.97E-05	1.33E-04	3.64E-04	6.07E-05	1.30E-04	NA	6.67E-01	NA	1.28E-01	1.07E-03	8.78E-04	2.93E-05	2.27E-03	NA	9.42E-01	NA
219	372714	3756768	Commercial	1.81E-03	NA	2.92E-03	NA	7.45E-05	1.24E-04	3.43E-04	5.72E-05	1.25E-04	NA	6.19E-01	NA	1.24E-01	1.03E-03	8.13E-04	2.71E-05	2.12E-03	NA	9.00E-01	NA
220	372738	3756742	Commercial	1.70E-03	NA	2.74E-03	NA	7.11E-05	1.18E-04	3.30E-04	5.50E-05	1.23E-04	NA	5.81E-01	NA	1.22E-01	1.02E-03	7.62E-04	2.54E-05	2.01E-03	NA	8.87E-01	NA
221	372733	3756647	Commercial	1.83E-03	NA	2.94E-03	NA	7.52E-05	1.25E-04	3.43E-04	5.71E-05	1.23E-04	NA	6.24E-01	NA	1.22E-01	1.02E-03	8.21E-04	2.74E-05	2.13E-03	NA	9.06E-01	NA
222	372820	3756574	Commercial	1.92E-03	NA	3.10E-03	NA	7.87E-05	1.31E-04	3.50E-04	5.83E-05	1.18E-04	NA	6.55E-01	NA	1.19E-01	9.93E-04	8.67E-04	2.89E-05	2.23E-03	NA	9.32E-01	NA
223	372844	3756548	Commercial	1.95E-03	NA	3.14E-03	NA	7.95E-05	1.33E-04	3.51E-04	5.86E-05	1.16E-04	NA	6.64E-01	NA	1.18E-01	9.82E-04	8.80E-04	2.93E-05	2.26E-03	NA	9.33E-01	NA
224	372839	3756454	Commercial	2.03E-03	NA	3.28E-03	NA	8.29E-05	1.38E-04	3.59E-04	5.98E-05	1.13E-04	NA	6.93E-01	NA	1.16E-01	9.67E-04	9.21E-04	3.07E-05	2.35E-03	NA	9.64E-01	NA
225	372821	3756363	Commercial	1.92E-03	NA	3.11E-03	NA	7.97E-05	1.33E-04	3.43E-04	5.72E-05	1.09E-04	NA	6.57E-01	NA	1.12E-01	9.35E-04	8.74E-04	2.91E-05	2.25E-03	NA	9.53E-01	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
226	372796	3756343	Commercial	1.90E-03	NA	3.07E-03	NA	7.92E-05	1.32E-04	3.41E-04	5.68E-05	1.08E-04	NA	6.49E-01	NA	1.12E-01	9.34E-04	8.63E-04	2.88E-05	2.23E-03	NA	9.59E-01	NA
227	372731	3756328	Commercial	1.91E-03	NA	3.09E-03	NA	8.06E-05	1.34E-04	3.46E-04	5.77E-05	1.11E-04	NA	6.53E-01	NA	1.15E-01	9.59E-04	8.69E-04	2.90E-05	2.25E-03	NA	9.94E-01	NA
228	372707	3756352	Commercial	2.01E-03	NA	3.25E-03	NA	8.48E-05	1.41E-04	3.61E-04	6.02E-05	1.13E-04	NA	6.86E-01	NA	1.19E-01	9.89E-04	9.14E-04	3.05E-05	2.37E-03	NA	1.05E+00	NA
229	372928	3756344	Commercial	1.80E-03	NA	2.91E-03	NA	7.40E-05	1.23E-04	3.22E-04	5.36E-05	1.03E-04	NA	6.14E-01	NA	1.06E-01	8.81E-04	8.16E-04	2.72E-05	2.09E-03	NA	8.75E-01	NA
230	372952	3756319	Commercial	1.74E-03	NA	2.80E-03	NA	7.15E-05	1.19E-04	3.13E-04	5.22E-05	1.03E-04	NA	5.92E-01	NA	1.05E-01	8.72E-04	7.86E-04	2.62E-05	2.02E-03	NA	8.51E-01	NA
231	372951	3756245	Commercial	1.58E-03	NA	2.55E-03	NA	6.59E-05	1.10E-04	2.96E-04	4.93E-05	1.03E-04	NA	5.39E-01	NA	1.04E-01	8.69E-04	7.12E-04	2.37E-05	1.86E-03	NA	8.11E-01	NA
232	372927	3756270	Commercial	1.65E-03	NA	2.66E-03	NA	6.86E-05	1.14E-04	3.05E-04	5.08E-05	1.04E-04	NA	5.63E-01	NA	1.05E-01	8.78E-04	7.45E-04	2.48E-05	1.94E-03	NA	8.36E-01	NA
233	373033	3756268	Commercial	1.59E-03	NA	2.56E-03	NA	6.57E-05	1.09E-04	2.93E-04	4.88E-05	1.01E-04	NA	5.42E-01	NA	1.01E-01	8.45E-04	7.16E-04	2.39E-05	1.86E-03	NA	7.93E-01	NA
234	373139	3756266	Commercial	1.54E-03	NA	2.49E-03	NA	7.19E-05	1.20E-04	3.06E-04	5.10E-05	1.01E-04	NA	5.22E-01	NA	1.14E-01	9.48E-04	6.98E-04	2.33E-05	1.93E-03	NA	1.05E+00	NA
235	373245	3756264	Commercial	1.49E-03	NA	2.41E-03	NA	7.08E-05	1.18E-04	2.99E-04	4.98E-05	9.83E-05	NA	5.04E-01	NA	1.12E-01	9.35E-04	6.74E-04	2.25E-05	1.89E-03	NA	1.06E+00	NA
236	373351	3756262	Commercial	1.43E-03	NA	2.30E-03	NA	5.91E-05	9.85E-05	2.65E-04	4.42E-05	9.25E-05	NA	4.86E-01	NA	9.28E-02	7.73E-04	6.42E-04	2.14E-05	1.67E-03	NA	7.19E-01	NA
237	373457	3756261	Commercial	1.39E-03	NA	2.24E-03	NA	6.00E-05	9.99E-05	2.63E-04	4.39E-05	9.08E-05	NA	4.74E-01	NA	9.34E-02	7.78E-04	6.28E-04	2.09E-05	1.67E-03	NA	7.79E-01	NA
238	373482	3756235	Commercial	1.38E-03	NA	2.22E-03	NA	6.17E-05	1.03E-04	2.66E-04	4.44E-05	9.13E-05	NA	4.68E-01	NA	9.64E-02	8.04E-04	6.22E-04	2.07E-05	1.69E-03	NA	8.55E-01	NA
239	373480	3756123	Commercial	1.83E-03	NA	2.97E-03	NA	8.85E-05	1.47E-04	3.45E-04	5.75E-05	9.90E-05	NA	6.19E-01	NA	1.17E-01	9.79E-04	8.38E-04	2.79E-05	2.33E-03	NA	1.34E+00	NA
240	373479	3756010	Commercial	2.66E-03	NA	4.35E-03	NA	1.34E-04	2.24E-04	4.80E-04	8.00E-05	1.10E-04	NA	9.00E-01	NA	1.48E-01	1.23E-03	1.24E-03	4.13E-05	3.45E-03	NA	2.10E+00	NA
241	373477	3755897	Commercial	1.05E-03	NA	1.68E-03	NA	5.54E-05	9.23E-05	2.38E-04	3.96E-05	9.15E-05	NA	3.51E-01	NA	1.02E-01	8.50E-04	4.66E-04	1.55E-05	1.42E-03	NA	9.65E-01	NA
242	373476	3755785	Commercial	7.79E-04	NA	1.24E-03	NA	3.92E-05	6.53E-05	1.93E-04	3.21E-05	8.60E-05	NA	2.62E-01	NA	9.14E-02	7.62E-04	3.38E-04	1.13E-05	1.04E-03	NA	6.65E-01	NA
243	373474	3755672	Commercial	7.20E-04	NA	1.14E-03	NA	3.33E-05	5.55E-05	1.76E-04	2.93E-05	8.21E-05	NA	2.43E-01	NA	8.35E-02	6.96E-04	3.10E-04	1.03E-05	9.16E-04	NA	5.17E-01	NA
244	373473	3755559	Commercial	6.50E-04	NA	1.03E-03	NA	2.77E-05	4.62E-05	1.58E-04	2.63E-05	7.77E-05	NA	2.21E-01	NA	7.57E-02	6.30E-04	2.77E-04	9.23E-06	7.93E-04	NA	3.89E-01	NA
245	373447	3755535	Commercial	6.34E-04	NA	1.00E-03	NA	2.66E-05	4.43E-05	1.54E-04	2.57E-05	7.71E-05	NA	2.15E-01	NA	7.44E-02	6.20E-04	2.69E-04	8.97E-06	7.66E-04	NA	3.65E-01	NA
246	373334	3755539	Commercial	6.41E-04	NA	1.01E-03	NA	2.66E-05	4.43E-05	1.54E-04	2.57E-05	7.91E-05	NA	2.18E-01	NA	7.36E-02	6.14E-04	2.71E-04	9.05E-06	7.68E-04	NA	3.60E-01	NA
247	373221	3755544	Commercial	6.48E-04	NA	1.02E-03	NA	2.69E-05	4.48E-05	1.57E-04	2.62E-05	8.14E-05	NA	2.20E-01	NA	7.58E-02	6.32E-04	2.74E-04	9.12E-06	7.78E-04	NA	3.67E-01	NA
248	373197	3755568	Commercial	6.69E-04	NA	1.05E-03	NA	2.79E-05	4.65E-05	1.61E-04	2.69E-05	8.28E-05	NA	2.27E-01	NA	7.73E-02	6.44E-04	2.83E-04	9.44E-06	8.04E-04	NA	3.81E-01	NA
249	373196	3755636	Commercial	7.23E-04	NA	1.14E-03	NA	3.04E-05	5.06E-05	1.74E-04	2.89E-05	8.55E-05	NA	2.46E-01	NA	8.27E-02	6.89E-04	3.08E-04	1.03E-05	8.74E-04	NA	4.16E-01	NA
250	373194	3755705	Commercial	7.77E-04	NA	1.23E-03	NA	3.73E-05	6.21E-05	1.92E-04	3.21E-05	8.95E-05	NA	2.62E-01	NA	9.21E-02	7.68E-04	3.34E-04	1.11E-05	1.01E-03	NA	6.05E-01	NA
251	373220	3755680	Commercial	7.52E-04	NA	1.19E-03	NA	3.24E-05	5.39E-05	1.80E-04	3.00E-05	8.68E-05	NA	2.55E-01	NA	8.50E-02	7.09E-04	3.22E-04	1.07E-05	9.20E-04	NA	4.57E-01	NA
252	373135	3755679	Commercial	7.69E-04	NA	1.22E-03	NA	3.82E-05	6.37E-05	1.95E-04	3.24E-05	9.04E-05	NA	2.59E-01	NA	9.44E-02	7.86E-04	3.31E-04	1.10E-05	1.02E-03	NA	6.45E-01	NA
253	373160	3755704	Commercial	7.84E-04	NA	1.25E-03	NA	3.98E-05	6.63E-05	1.99E-04	3.31E-05	9.10E-05	NA	2.63E-01	NA	9.61E-02	8.01E-04	3.38E-04	1.13E-05	1.05E-03	NA	6.85E-01	NA
254	373158	3755635	Commercial	7.28E-04	NA	1.15E-03	NA	3.26E-05	5.44E-05	1.79E-04	2.99E-05	8.70E-05	NA	2.46E-01	NA	8.65E-02	7.20E-04	3.11E-04	1.04E-05	9.12E-04	NA	4.90E-01	NA
255	373156	3755566	Commercial	6.69E-04	NA	1.05E-03	NA	2.79E-05	4.64E-05	1.63E-04	2.72E-05	8.36E-05	NA	2.27E-01	NA	7.94E-02	6.62E-04	2.83E-04	9.42E-06	8.06E-04	NA	3.82E-01	NA
256	373132	3755542	Commercial	6.48E-04	NA	1.02E-03	NA	2.70E-05	4.49E-05	1.60E-04	2.67E-05	8.30E-05	NA	2.20E-01	NA	7.91E-02	6.59E-04	2.73E-04	9.10E-06	7.81E-04	NA	3.70E-01	NA
257	373055	3755538	Commercial	6.47E-04	NA	1.02E-03	NA	2.84E-05	4.73E-05	1.65E-04	2.76E-05	8.48E-05	NA	2.19E-01	NA	8.31E-02	6.92E-04	2.72E-04	9.08E-06	8.04E-04	NA	4.22E-01	NA
258	373079	3755562	Commercial	6.70E-04	NA	1.06E-03	NA	2.96E-05	4.94E-05	1.70E-04	2.83E-05	8.55E-05	NA	2.27E-01	NA	8.42E-02	7.02E-04	2.83E-04	9.44E-06	8.36E-04	NA	4.44E-01	NA
259	373077	3755465	Commercial	5.75E-04	NA	9.00E-04	NA	2.39E-05	3.99E-05	1.49E-04	2.48E-05	8.04E-05	NA	1.95E-01	NA	7.62E-02	6.35E-04	2.39E-04	7.97E-06	6.97E-04	NA	3.36E-01	NA
260	373075	3755368	Commercial	5.87E-04	NA	9.22E-04	NA	2.47E-05	4.11E-05	1.46E-04	2.43E-05	7.65E-05	NA	1.99E-01	NA	7.28E-02	6.07E-04	2.47E-04	8.23E-06	7.11E-04	NA	3.45E-01	NA
261	373073	3755271	Commercial	6.53E-04	NA	1.03E-03	NA	2.68E-05	4.47E-05	1.50E-04	2.49E-05	7.24E-05	NA	2.22E-01	NA	6.94E-02	5.78E-04	2.80E-04	9.34E-06	7.76E-04	NA	3.50E-01	NA
262	373071	3755174	Commercial	7.08E-04	NA	1.13E-03	NA	2.86E-05	4.77E-05	1.51E-04	2.52E-05	6.80E-05	NA	2.41E-01	NA	6.56E-02	5.47E-04	3.08E-04	1.03E-05	8.29E-04	NA	3.53E-01	NA
263	373046	3755149	Commercial	7.30E-04	NA	1.16E-03	NA	2.94E-05	4.90E-05	1.53E-04	2.55E-05	6.71E-05	NA	2.49E-01	NA	6.50E-02	5.41E-04	3.19E-04	1.06E-05	8.51E-04	NA	3.57E-01	NA
264	372939	3755150	Commercial	7.78E-04	NA	1.24E-03	NA	3.11E-05	5.18E-05	1.60E-04	2.67E-05	6.87E-05	NA	2.65E-01	NA	6.65E-02	5.54E-04	3.41E-04	1.14E-05	9.03E-04	NA	3.71E-01	NA
265	372832	3755151	Commercial	8.25E-04	NA	1.32E-03	NA	3.28E-05	5.47E-05	1.67E-04	2.78E-05	7.02E-05	NA	2.81E-01	NA	6.81E-02	5.67E-04	3.63E-04	1.21E-05	9.53E-04	NA	3.85E-01	NA
266	372725	3755152	Commercial	8.69E-04	NA	1.39E-03	NA	3.45E-05	5.74E-05	1.74E-04	2.89E-05	7.18E-05	NA	2.97E-01	NA	6.96E-02	5.80E-04	3.84E-04	1.28E-05	1.00E-03	NA	3.99E-01	NA
267	372623	3755157	Commercial	9.09E-04	NA	1.45E-03	NA	3.60E-05	5.99E-05	1.80E-04	3.00E-05	7.36E-05	NA	3.11E-01	NA	7.14E-02	5.95E-04	4.02E-04	1.34E-05	1.05E-03	NA	4.13E-01	NA
268	372527	3755158	Commercial	9.44E-04	NA	1.51E-03	NA	3.73E-05	6.21E-05	1.85E-04	3.09E-05	7.50E-05	NA	3.22E-01	NA	7.27E-02	6.06E-04	4.18E-04	1.39E-05	1.08E-03	NA	4.25E-01	NA
269	372431	3755159	Commercial	9.75E-04	NA	1.56E-03	NA	3.84E-05	6.41E-05	1.90E-04	3.17E-05	7.64E-05	NA	3.33E-01	NA	7.41E-02	6.17E-04	4.32E-04	1.44E-05	1.12E-03	NA	4.36E-01	NA
270	372334	3755160	Commercial	1.00E-03	NA	1.60E-03	NA	3.95E-05	6.58E-05	1.95E-04	3.25E-05	7.78E-05	NA	3.42E-01	NA	7.54E-02	6.28E-04	4.44E-04	1.48E-05	1.15E-03	NA	4.47E-01	NA
271	372237	3755161	Commercial	1.02E-03	NA	1.63E-03	NA	4.03E-05	6.71E-05	1.99E-04	3.31E-05	7.92E-05	NA	3.49E-01	NA	7.66E-02	6.38E-04	4.53E-04	1.51E-05	1.17E-03	NA	4.57E-01	NA
272	372139	3755161	Commercial	1.03E-03	NA	1.66E-03	NA	4.09E-05	6.82E-05	2.02E-04	3.36E-05	8.06E-05	NA	3.53E-01	NA	7.78E-02	6.48E-04	4.59E-04	1.53E-05	1.19E-03	NA	4.67E-01	NA
273	372040	3755162	Commercial	1.04E-03	NA	1.66E-03	NA	4.13E-05	6.88E-05	2.04E-04	3.39E-05	8.20E-05	NA	3.55E-01	NA	7.95E-02	6.62E-04	4.60E-04	1.53E-05	1.20E-03	NA	4.76E-01	NA
274	371941	3755163	Commercial	1.04E-03	NA	1.66E-03	NA	4.14E-05	6.90E-05	2.05E-04	3.41E-05	8.34E-05	NA	3.53E-01	NA	8.13E-02	6.77E-04	4.58E-04	1.53E-05	1.20E-03	NA	4.85E-01	NA
275	371843	3755164	Commercial	1.02E-03	NA	1.63E-03	NA	4.12E-05	6.87E-05	2.05E-04	3.41E-05	8.46E-05	NA	3.48E-01	NA	8.31E-02	6.93E-04	4.51E-04	1.50E-05	1.19E-03	NA	4.94E-01	NA
276	371748	3755165	Commercial	9.97E-04	NA	1.59E-03	NA	4.07E-05	6.79E-05	2.04E-04	3.39E-05	8.58E-05	NA	3.40E-01	NA	8.49E-02	7.07E-04	4.39E-04	1.46E-05	1.17E-03	NA	5.03E-01	NA
277	371653	3755165	Commercial	9.53E-04	NA	1.52E-03	NA	3.97E-05	6.62E-05	2.01E-04	3.34E-05	8.69E-05	NA	3.24E-01	NA	8.68E-02	7.24E-04	4.18E-04	1.39E-05	1.13E-03	NA	5.13E-01	NA
278	371558	3755166	Commercial	8.85E-04	NA	1.41E-03	NA	3.96E-05	6.60E-05	2.02E-04	3.36E-05	8.85E-05	NA	3.00E-01	NA	9.39E-02	7.83E-04	3.86E-04	1.29E-05	1.10E-03	NA	5.78E-01	NA
279	371463	3755167	Commercial	8.05E-04	NA	1.28E-03	NA	3.99E-05	6.66E-05	1.99E-04	3.32E-05	9.02E-05	NA	2.71E-01	NA	9.88E-02	8.24E-04	3.48E-04	1.16E-05	1.06E-03	NA	6.69E-01	NA
280	371359	3755168	Commercial	7.24E-04	NA	1.15E-03	NA	3.72E-05	6.20E-05	1.91E-04	3.18E-05	9.09E-05	NA	2.43E-01	NA	9.95E-02	8.29E-04	3.09E-04	1.03E-05	9.82E-04	NA	6.56E-01	NA
281	371256	3755169	Commercial	7.06E-04	NA	1.12E-03	NA	3.85E-05	6.41E-05	1.94E-04	3.23E-05	9.26E-05	NA	2.36E-01	NA	1.03E-01	8.62E-04	3.01E-04	1.00E-05	9.92E-04	NA	7.19E-01	NA
282	371152	3755170	Commercial	7.80E-04	NA	1.24E-03	NA	4.31E-05	7.19E-05	2.08E-04	3.47E-05	9.49E-05	NA	2.60E-01	NA	1.09E-01	9.04E-04	3.36E-04	1.12E-05	1.10E-03	NA	8.08E-01	NA
283	371049	3755171	Commercial	8.62E-04	NA	1.37E-03	NA	4.79E-05	7.99E-05	2.23E-04	3.71E-05	9.71E-05	NA	2.88E-01	NA	1.13E-01	9.42E-04	3.75E-04	1.25E-05	1.22E-03	NA	8.94E-01	NA
284	371024	3755197	Commercial	8.82E-04	NA	1.40E-03	NA	4.90E-05	8.17E-05	2.30E-04	3.83E-05	1.01E-04	NA	2.95E-01	NA	1.17E-01	9.79E-04	3.83E-04	1.28E-05	1.25E-03	NA	9.17E-01	NA
285	371028	3755273	Commercial	8.84E-04	NA	1.40E-03	NA	4.90E-05	8.17E-05	2.41E-04	4.02E-05	1.13E-04	NA	2.95E-01	NA	1.28E-01	1.06E-03	3.78E-04	1.26E-05	1.25E-03	NA	9.25E-01	NA
286	371031	3755350	Commercial	9.10E-04	NA	1.44E-03	NA	4.97E-05	8.28E-05	2.55E-04	4.26E-05	1.25E-04	NA	3.04E-01	NA	1.38E-01	1.15E-03	3.85E-04	1.28E-05	1.28E-03	NA	9.36E-01	NA
287	371020	3755376	Commercial	9.27E-04	NA	1.46E-03	NA	5.05E-05	8.42E-05	2.62E-04	4.37E-05	1.30E-04	NA	3.09E-01	NA	1.42E-01	1.19E-03	3.91E-04	1.30E-05	1.31E-03	NA	9.52E-01	NA
288	371018	3755470	Commercial	1.21E-03	NA	1.92E-03	NA	5.91E-05	9.85E-05	3.08E-04	5.14E-05	1.46E-04	NA	4.08E-01	NA	1.56E-01	1.30E-03	5.19E-04	1.73E-05	1.59E-03	NA	9.82E-01	NA
289	371017	3755556	Commercial	1.55E-03	NA	2.46E-03	NA	6.97E-05	1.16E-04	3.59E-04	5.99E-05	1.61E-04	NA	5.24E-01	NA	1.69E-01	1.41E-03	6.72E-04	2.24E-05	1.93E-03	NA	1.03E+00	NA
290	371040	3755532	Commercial	1.46E-03	NA	2.32E-03	NA	6.61E-05	1.10E-04	3.43E-04	5.71E-05	1.56E-04	NA	4.93E-01	NA	1.63E-01	1.36E-03	6.31E-04	2.10E-05	1.83E-03	NA	9.89E-01	NA
291	371026	3755420	Commercial	1.06E-03	NA	1.67E-03	NA	5.42E-05	9.03E-05	2.83E-04	4.71E-05	1.37E-04	NA	3.55E-01	NA	1.48E-01	1.23E-03	4.50E-04	1.50E-05	1.43E-03	NA	9.57E-01	NA
292	371016	3755399	Commercial	9.82E-04	NA	1.55E-03	NA	5.22E-05	8.71E-05	2.72E-04	4.53E-05	1.34E-04	NA	3.28E-01	NA	1.46E-01	1.22E-03	4.15E-04	1.38E-05	1.36E-03	NA	9.61E-01	NA
293	370916	3755327	Commercial	9.68E-04	NA	1.53E-03	NA	5.41E-05	9.02E-05	2.66E-04	4.44E-05	1.26E-04	NA	3.23E-01	NA	1.42E-01	1.18E-03	4.14E-04	1.38E-05	1.38E-03	NA	1.03E+00	NA
294	370816	3755255	Commercial	1.21E-03	NA	1.94E-03	NA	6.32E-05	1.05E-04	2.86E-04	4.77E-05	1.16E-04	NA	4.08E-01	NA	1.35E-01	1.12E-03	5.36E-04	1.79E-05	1.64E-03	NA	1.09E+00	NA
385	370885	3757751	Commercial	2.75E-03	NA	4.40E-03	NA	1.09E-04	1.81E-04	5.54E-04	9.23E-05	2.26E-04	NA	9.37E-01	NA	2.23E-01	1.86E-03	1.21E-03	4.04E-05	3.17E-03	NA	1.25E+00	NA
386	370907	3757702	Commercial	2.97E-03	NA	4.76E-03	NA	1.16E-04	1.94E-04	5.76E-04	9.59E-05	2.29E-04	NA	1.02E+00	NA	2.20E-01	1.83E-03	1.32E-03	4.40E-05	3.40E-03	NA	1.30E+00	NA
387	370945	3757670	Commercial	3.10E-03	NA	4.97E-03	NA	1.21E-04	2.01E-04	5.90E-04	9.83E-05	2.28E-04	NA	1.06E+00	NA	2.20E-01	1.83E-03	1.38E-03	4.60E-05	3.53E-03	NA	1.33E+00	NA
388	371046	3757668	Commercial	3.02E-03	NA	4.85E-03	NA	1.19E-04	1.98E-04	5.75E-04	9.58E-05	2.19E-04	NA	1.03E+00	NA	2.13E-01	1.78E-03	1.35E-03	4.49E-05	3.45E-03	NA	1.31E+00	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
389	371046	3757585	Commercial	3.05E-03	NA	4.89E-03	NA	1.23E-04	2.05E-04	5.82E-04	9.70E-05	2.19E-04	NA	1.04E+00	NA	2.17E-01	1.81E-03	1.36E-03	4.54E-05	3.53E-03	NA	1.44E+00	NA
390	371122	3757584	Commercial	3.09E-03	NA	4.97E-03	NA	1.25E-04	2.09E-04	5.80E-04	9.67E-05	2.12E-04	NA	1.06E+00	NA	2.10E-01	1.75E-03	1.39E-03	4.62E-05	3.58E-03	NA	1.46E+00	NA
399	371970	3757842	Commercial	2.48E-03	NA	4.00E-03	NA	1.00E-04	1.67E-04	4.44E-04	7.40E-05	1.47E-04	NA	8.46E-01	NA	1.47E-01	1.23E-03	1.12E-03	3.74E-05	2.86E-03	NA	1.16E+00	NA
400	372023	3757843	Commercial	2.49E-03	NA	4.01E-03	NA	1.00E-04	1.67E-04	4.41E-04	7.34E-05	1.43E-04	NA	8.50E-01	NA	1.44E-01	1.20E-03	1.13E-03	3.76E-05	2.86E-03	NA	1.14E+00	NA
401	372020	3757552	Commercial	2.45E-03	NA	3.97E-03	NA	1.01E-04	1.69E-04	4.22E-04	7.03E-05	1.22E-04	NA	8.37E-01	NA	1.30E-01	1.08E-03	1.12E-03	3.73E-05	2.85E-03	NA	1.19E+00	NA
402	372002	3757140	Commercial	1.95E-03	NA	3.14E-03	NA	8.70E-05	1.45E-04	3.82E-04	6.37E-05	1.37E-04	NA	6.62E-01	NA	1.43E-01	1.19E-03	8.76E-04	2.92E-05	2.38E-03	NA	1.21E+00	NA
403	371514	3757136	Commercial	2.96E-03	NA	4.80E-03	NA	1.28E-04	2.13E-04	5.28E-04	8.80E-05	1.54E-04	NA	1.01E+00	NA	1.74E-01	1.45E-03	1.35E-03	4.51E-05	3.53E-03	NA	1.63E+00	NA
404	371035	3757133	Commercial	5.12E-03	NA	8.33E-03	NA	2.13E-04	3.55E-04	8.30E-04	1.38E-04	1.94E-04	NA	1.75E+00	NA	2.28E-01	1.90E-03	2.37E-03	7.90E-05	5.95E-03	NA	2.48E+00	NA
405	371034	3757085	Commercial	5.14E-03	NA	8.37E-03	NA	2.18E-04	3.63E-04	8.34E-04	1.39E-04	1.88E-04	NA	1.75E+00	NA	2.28E-01	1.90E-03	2.38E-03	7.94E-05	6.03E-03	NA	2.62E+00	NA
406	370764	3757087	Commercial	5.88E-03	NA	9.57E-03	NA	2.43E-04	4.05E-04	9.58E-04	1.60E-04	2.34E-04	NA	2.01E+00	NA	2.70E-01	2.25E-03	2.72E-03	9.06E-05	6.81E-03	NA	2.78E+00	NA
407	370754	3756818	Commercial	7.90E-03	NA	1.29E-02	NA	3.76E-04	6.26E-04	1.35E-03	2.26E-04	2.81E-04	NA	2.68E+00	NA	3.99E-01	3.33E-03	3.69E-03	1.23E-04	9.90E-03	NA	5.41E+00	NA
408	371031	3756807	Commercial	5.64E-03	NA	9.18E-03	NA	2.50E-04	4.17E-04	9.63E-04	1.61E-04	2.38E-04	NA	1.92E+00	NA	2.88E-01	2.40E-03	2.61E-03	8.69E-05	6.80E-03	NA	3.28E+00	NA
409	371033	3756780	Commercial	6.09E-03	NA	9.92E-03	NA	2.67E-04	4.44E-04	1.02E-03	1.70E-04	2.44E-04	NA	2.08E+00	NA	2.96E-01	2.46E-03	2.82E-03	9.40E-05	7.28E-03	NA	3.41E+00	NA
410	371483	3756770	Commercial	4.35E-03	NA	7.06E-03	NA	1.77E-04	2.95E-04	7.29E-04	1.21E-04	1.99E-04	NA	1.49E+00	NA	2.14E-01	1.78E-03	2.00E-03	6.66E-05	5.01E-03	NA	2.00E+00	NA
411	371817	3756763	Commercial	3.35E-03	NA	5.42E-03	NA	1.35E-04	2.25E-04	5.77E-04	9.62E-05	1.73E-04	NA	1.15E+00	NA	1.79E-01	1.49E-03	1.53E-03	5.09E-05	3.85E-03	NA	1.52E+00	NA
412	372274	3756753	Commercial	2.37E-03	NA	3.82E-03	NA	9.63E-05	1.60E-04	4.30E-04	7.17E-05	1.45E-04	NA	8.10E-01	NA	1.46E-01	1.21E-03	1.07E-03	3.57E-05	2.74E-03	NA	1.12E+00	NA
413	372713	3756743	Commercial	1.74E-03	NA	2.79E-03	NA	7.22E-05	1.20E-04	3.34E-04	5.57E-05	1.24E-04	NA	5.92E-01	NA	1.23E-01	1.03E-03	7.77E-04	2.59E-05	2.04E-03	NA	8.93E-01	NA
414	372703	3756553	Commercial	2.07E-03	NA	3.35E-03	NA	8.59E-05	1.43E-04	3.76E-04	6.26E-05	1.23E-04	NA	7.08E-01	NA	1.26E-01	1.05E-03	9.39E-04	3.13E-05	2.42E-03	NA	1.03E+00	NA
415	372819	3756549	Commercial	1.97E-03	NA	3.17E-03	NA	8.06E-05	1.34E-04	3.55E-04	5.92E-05	1.18E-04	NA	6.71E-01	NA	1.19E-01	9.93E-04	8.90E-04	2.97E-05	2.28E-03	NA	9.49E-01	NA
416	372814	3756455	Commercial	2.06E-03	NA	3.33E-03	NA	8.44E-05	1.41E-04	3.64E-04	6.07E-05	1.15E-04	NA	7.04E-01	NA	1.18E-01	9.81E-04	9.36E-04	3.12E-05	2.39E-03	NA	9.86E-01	NA
417	372797	3756368	Commercial	1.96E-03	NA	3.17E-03	NA	8.14E-05	1.36E-04	3.50E-04	5.83E-05	1.10E-04	NA	6.69E-01	NA	1.14E-01	9.50E-04	8.91E-04	2.97E-05	2.29E-03	NA	9.76E-01	NA
418	372705	3756372	Commercial	2.08E-03	NA	3.37E-03	NA	8.76E-05	1.46E-04	3.71E-04	6.19E-05	1.15E-04	NA	7.10E-01	NA	1.21E-01	1.01E-03	9.47E-04	3.16E-05	2.45E-03	NA	1.08E+00	NA
419	372706	3756327	Commercial	1.93E-03	NA	3.12E-03	NA	8.16E-05	1.36E-04	3.49E-04	5.82E-05	1.12E-04	NA	6.58E-01	NA	1.16E-01	9.70E-04	8.76E-04	2.92E-05	2.28E-03	NA	1.01E+00	NA
420	372927	3756319	Commercial	1.75E-03	NA	2.83E-03	NA	7.24E-05	1.21E-04	3.16E-04	5.27E-05	1.04E-04	NA	5.98E-01	NA	1.06E-01	8.81E-04	7.94E-04	2.65E-05	2.04E-03	NA	8.64E-01	NA
421	372926	3756245	Commercial	1.60E-03	NA	2.57E-03	NA	6.66E-05	1.11E-04	2.98E-04	4.97E-05	1.04E-04	NA	5.44E-01	NA	1.05E-01	8.76E-04	7.18E-04	2.39E-05	1.88E-03	NA	8.21E-01	NA
422	373457	3756236	Commercial	1.38E-03	NA	2.22E-03	NA	6.14E-05	1.02E-04	2.67E-04	4.45E-05	9.17E-05	NA	4.69E-01	NA	9.70E-02	8.08E-04	6.22E-04	2.07E-05	1.68E-03	NA	8.43E-01	NA
423	373448	3755560	Commercial	6.52E-04	NA	1.03E-03	NA	2.78E-05	4.64E-05	1.58E-04	2.64E-05	7.81E-05	NA	2.21E-01	NA	7.61E-02	6.34E-04	2.78E-04	9.25E-06	7.95E-04	NA	3.91E-01	NA
424	373222	3755569	Commercial	6.69E-04	NA	1.05E-03	NA	2.78E-05	4.64E-05	1.61E-04	2.68E-05	8.24E-05	NA	2.27E-01	NA	7.68E-02	6.40E-04	2.83E-04	9.44E-06	8.03E-04	NA	3.80E-01	NA
425	373219	3755705	Commercial	7.70E-04	NA	1.22E-03	NA	3.49E-05	5.82E-05	1.87E-04	3.11E-05	8.82E-05	NA	2.61E-01	NA	8.85E-02	7.38E-04	3.31E-04	1.10E-05	9.69E-04	NA	5.29E-01	NA
426	373135	3755704	Commercial	7.90E-04	NA	1.26E-03	NA	4.11E-05	6.84E-05	2.02E-04	3.37E-05	9.20E-05	NA	2.65E-01	NA	9.82E-02	8.18E-04	3.41E-04	1.14E-05	1.07E-03	NA	7.24E-01	NA
427	373131	3755567	Commercial	6.71E-04	NA	1.06E-03	NA	2.83E-05	4.72E-05	1.66E-04	2.77E-05	8.42E-05	NA	2.27E-01	NA	8.14E-02	6.79E-04	2.84E-04	9.45E-06	8.16E-04	NA	3.97E-01	NA
428	373054	3755563	Commercial	6.71E-04	NA	1.06E-03	NA	3.01E-05	5.02E-05	1.71E-04	2.85E-05	8.62E-05	NA	2.27E-01	NA	8.53E-02	7.11E-04	2.84E-04	9.46E-06	8.44E-04	NA	4.59E-01	NA
429	373046	3755174	Commercial	7.19E-04	NA	1.14E-03	NA	2.90E-05	4.84E-05	1.53E-04	2.55E-05	6.84E-05	NA	2.45E-01	NA	6.60E-02	5.50E-04	3.14E-04	1.05E-05	8.41E-04	NA	3.57E-01	NA
430	372725	3755177	Commercial	8.65E-04	NA	1.38E-03	NA	3.43E-05	5.72E-05	1.75E-04	2.91E-05	7.33E-05	NA	2.95E-01	NA	7.10E-02	5.91E-04	3.81E-04	1.27E-05	9.98E-04	NA	4.01E-01	NA
431	372624	3755182	Commercial	9.07E-04	NA	1.45E-03	NA	3.59E-05	5.98E-05	1.81E-04	3.02E-05	7.51E-05	NA	3.10E-01	NA	7.28E-02	6.06E-04	4.00E-04	1.33E-05	1.04E-03	NA	4.15E-01	NA
432	372238	3755186	Commercial	1.03E-03	NA	1.66E-03	NA	4.08E-05	6.79E-05	2.02E-04	3.37E-05	8.12E-05	NA	3.53E-01	NA	7.84E-02	6.54E-04	4.59E-04	1.53E-05	1.19E-03	NA	4.62E-01	NA
433	371843	3755189	Commercial	1.06E-03	NA	1.69E-03	NA	4.24E-05	7.07E-05	2.11E-04	3.52E-05	8.72E-05	NA	3.61E-01	NA	8.53E-02	7.10E-04	4.67E-04	1.56E-05	1.23E-03	NA	5.03E-01	NA
434	371463	3755192	Commercial	8.64E-04	NA	1.38E-03	NA	4.24E-05	7.07E-05	2.10E-04	3.50E-05	9.36E-05	NA	2.91E-01	NA	1.02E-01	8.53E-04	3.75E-04	1.25E-05	1.13E-03	NA	6.99E-01	NA
435	371049	3755196	Commercial	8.48E-04	NA	1.35E-03	NA	4.75E-05	7.91E-05	2.25E-04	3.74E-05	1.01E-04	NA	2.83E-01	NA	1.16E-01	9.69E-04	3.67E-04	1.22E-05	1.21E-03	NA	8.96E-01	NA
436	371056	3755349	Commercial	8.93E-04	NA	1.41E-03	NA	4.85E-05	8.09E-05	2.51E-04	4.19E-05	1.24E-04	NA	2.98E-01	NA	1.36E-01	1.14E-03	3.77E-04	1.26E-05	1.26E-03	NA	9.12E-01	NA
437	371043	3755384	Commercial	9.67E-04	NA	1.53E-03	NA	5.11E-05	8.51E-05	2.66E-04	4.43E-05	1.30E-04	NA	3.24E-01	NA	1.42E-01	1.18E-03	4.10E-04	1.37E-05	1.34E-03	NA	9.31E-01	NA
438	371042	3755556	Commercial	1.56E-03	NA	2.49E-03	NA	6.94E-05	1.16E-04	3.58E-04	5.96E-05	1.60E-04	NA	5.30E-01	NA	1.67E-01	1.39E-03	6.79E-04	2.26E-05	1.93E-03	NA	1.00E+00	NA
439	370996	3755560	Commercial	1.56E-03	NA	2.48E-03	NA	7.06E-05	1.18E-04	3.63E-04	6.05E-05	1.63E-04	NA	5.27E-01	NA	1.72E-01	1.43E-03	6.76E-04	2.25E-05	1.95E-03	NA	1.05E+00	NA
440	371001	3755419	Commercial	1.03E-03	NA	1.62E-03	NA	5.40E-05	9.00E-05	2.82E-04	4.69E-05	1.38E-04	NA	3.44E-01	NA	1.50E-01	1.25E-03	4.35E-04	1.45E-05	1.42E-03	NA	9.81E-01	NA
441	370801	3755276	Commercial	1.23E-03	NA	1.97E-03	NA	6.41E-05	1.07E-04	2.93E-04	4.88E-05	1.20E-04	NA	4.14E-01	NA	1.39E-01	1.15E-03	5.43E-04	1.81E-05	1.66E-03	NA	1.11E+00	NA
1	372249	3757612	Residence	2.01E-03	NA	3.25E-03	NA	8.43E-05	1.40E-04	3.55E-04	5.92E-05	1.08E-04	NA	6.84E-01	NA	1.15E-01	9.60E-04	9.14E-04	3.05E-05	2.36E-03	NA	1.03E+00	NA
2	372499	3757612	Residence	1.69E-03	NA	2.73E-03	NA	7.06E-05	1.18E-04	3.01E-04	5.02E-05	9.34E-05	NA	5.77E-01	NA	9.91E-02	8.26E-04	7.69E-04	2.56E-05	1.98E-03	NA	8.55E-01	NA
3	372249	3757862	Residence	2.37E-03	NA	3.83E-03	NA	9.47E-05	1.58E-04	4.11E-04	6.85E-05	1.28E-04	NA	8.10E-01	NA	1.29E-01	1.08E-03	1.08E-03	3.59E-05	2.71E-03	NA	1.05E+00	NA
4	372499	3757862	Residence	2.03E-03	NA	3.28E-03	NA	8.22E-05	1.37E-04	3.55E-04	5.91E-05	1.10E-04	NA	6.94E-01	NA	1.12E-01	9.37E-04	9.24E-04	3.08E-05	2.34E-03	NA	9.33E-01	NA
5	372249	3758112	Residence	1.94E-03	NA	3.11E-03	NA	8.03E-05	1.34E-04	3.70E-04	6.16E-05	1.37E-04	NA	6.61E-01	NA	1.34E-01	1.12E-03	8.67E-04	2.89E-05	2.27E-03	NA	9.86E-01	NA
6	372499	3758112	Residence	2.04E-03	NA	3.28E-03	NA	8.18E-05	1.36E-04	3.66E-04	6.10E-05	1.23E-04	NA	6.96E-01	NA	1.22E-01	1.01E-03	9.20E-04	3.07E-05	2.34E-03	NA	9.26E-01	NA
7	372249	3758362	Residence	1.77E-03	NA	2.84E-03	NA	7.27E-05	1.21E-04	3.48E-04	5.81E-05	1.38E-04	NA	6.04E-01	NA	1.32E-01	1.10E-03	7.87E-04	2.62E-05	2.07E-03	NA	8.88E-01	NA
8	372499	3758362	Residence	1.60E-03	NA	2.57E-03	NA	6.74E-05	1.12E-04	3.20E-04	5.34E-05	1.27E-04	NA	5.46E-01	NA	1.24E-01	1.03E-03	7.12E-04	2.37E-05	1.90E-03	NA	8.65E-01	NA
9	373793	3755335	Residence	4.89E-04	NA	7.67E-04	NA	2.03E-05	3.39E-05	1.22E-04	2.04E-05	6.45E-05	NA	1.66E-01	NA	6.07E-02	5.06E-04	2.05E-04	6.84E-06	5.90E-04	NA	2.80E-01	NA
10	374093	3755335	Residence	4.91E-04	NA	7.73E-04	NA	2.00E-05	3.33E-05	1.19E-04	1.98E-05	6.09E-05	NA	1.67E-01	NA	5.70E-02	4.75E-04	2.08E-04	6.92E-06	5.84E-04	NA	2.64E-01	NA
11	373793	3755710	Residence	7.19E-04	NA	1.14E-03	NA	3.26E-05	5.43E-05	1.67E-04	2.78E-05	7.71E-05	NA	2.43E-01	NA	7.58E-02	6.32E-04	3.11E-04	1.04E-05	8.99E-04	NA	4.87E-01	NA
12	374093	3755710	Residence	7.01E-04	NA	1.11E-03	NA	3.17E-05	5.28E-05	1.60E-04	2.66E-05	7.22E-05	NA	2.37E-01	NA	7.13E-02	5.94E-04	3.05E-04	1.02E-05	8.73E-04	NA	4.70E-01	NA
13	373793	3756085	Residence	1.40E-03	NA	2.26E-03	NA	6.28E-05	1.05E-04	2.65E-04	4.42E-05	8.67E-05	NA	4.74E-01	NA	9.35E-02	7.79E-04	6.33E-04	2.11E-05	1.71E-03	NA	8.68E-01	NA
14	374093	3756085	Residence	1.17E-03	NA	1.89E-03	NA	5.10E-05	8.50E-05	2.25E-04	3.75E-05	7.88E-05	NA	3.99E-01	NA	8.13E-02	6.77E-04	5.29E-04	1.76E-05	1.41E-03	NA	6.74E-01	NA
15	373793	3756460	Residence	1.39E-03	NA	2.24E-03	NA	5.62E-05	9.37E-05	2.49E-04	4.16E-05	8.30E-05	NA	4.74E-01	NA	8.30E-02	6.92E-04	6.27E-04	2.09E-05	1.60E-03	NA	6.49E-01	NA
16	374093	3756460	Residence	1.27E-03	NA	2.05E-03	NA	5.20E-05	8.66E-05	2.29E-04	3.82E-05	7.63E-05	NA	4.33E-01	NA	7.68E-02	6.40E-04	5.74E-04	1.91E-05	1.47E-03	NA	6.12E-01	NA
17	373793	3756835	Residence	1.13E-03	NA	1.80E-03	NA	4.73E-05	7.88E-05	2.27E-04	3.79E-05	9.13E-05	NA	3.84E-01	NA	8.89E-02	7.41E-04	4.99E-04	1.66E-05	1.34E-03	NA	6.05E-01	NA
18	374093	3756835	Residence	9.87E-04	NA	1.58E-03	NA	4.19E-05	6.98E-05	2.04E-04	3.40E-05	8.41E-05	NA	3.36E-01	NA	8.18E-02	6.82E-04	4.36E-04	1.45E-05	1.18E-03	NA	5.50E-01	NA
19	373793	3757210	Residence	1.48E-03	NA	2.39E-03	NA	5.86E-05	9.77E-05	2.68E-04	4.46E-05	9.29E-05	NA	5.06E-01	NA	9.00E-02	7.50E-04	6.67E-04	2.22E-05	1.69E-03	NA	6.48E-01	NA
20	374093	3757210	Residence	1.36E-03	NA	2.19E-03	NA	5.38E-05	8.97E-05	2.47E-04	4.12E-05	8.71E-05	NA	4.65E-01	NA	8.40E-02	7.00E-04	6.12E-04	2.04E-05	1.55E-03	NA	5.95E-01	NA
21	373793	3757585	Residence	9.65E-04	NA	1.54E-03	NA	4.25E-05	7.08E-05	1.99E-04	3.32E-05	8.02E-05	NA	3.28E-01	NA	7.95E-02	6.63E-04	4.28E-04	1.43E-05	1.18E-03	NA	5.90E-01	NA
22	374093	3757585	Residence	1.00E-03	NA	1.61E-03	NA	4.28E-05	7.13E-05	2.00E-04	3.33E-05	7.76E-05	NA	3.42E-01	NA	7.62E-02	6.35E-04	4.47E-04	1.49E-05	1.20E-03	NA	5.58E-01	NA
23	373793	3757960	Residence	8.80E-04	NA	1.41E-03	NA	3.70E-05	6.16E-05	1.69E-04	2.82E-05	6.30E-05	NA	3.00E-01	NA	6.28E-02	5.23E-04	3.94E-04	1.31E-05	1.04E-03	NA	4.66E-01	NA
24	374093	3757960	Residence	6.96E-04	NA	1.11E-03	NA	3.15E-05	5.25E-05	1.49E-04	2.48E-05	6.20E-05	NA	2.36E-01	NA	6.21E-02	5.17E-04	3.07E-04	1.02E-05	8.62E-04	NA	4.57E-01	NA
25	373793	3758335	Residence	1.07E-03	NA	1.72E-03	NA	4.43E-05	7.39E-05	1.99E-04	3.32E-05	6.99E-05	NA	3.64E-01	NA	7.03E-02	5.85E-04	4.80E-04	1.60E-05	1.25E-03	NA	5.43E-01	NA
26	374093	3758335	Residence	9.54E-04	NA	1.54E-03	NA	3.91E-05	6.51E-05	1.75E-04	2.92E-05	5.97E-05	NA	3.26E-01	NA	6.03E-02	5.02E-04	4.30E-04	1.43E-05	1.11E-03	NA	4.63E-01	NA
27	373793	3758710	Residence	1.34E-03	NA	2.16E-03	NA	5.33E-05	8.89E-05	2.43E-04	4.05E-05	8.42E-05	NA	4.59E-01	NA	8.18E-02	6.82E-04	6.05E-04	2.02E-05	1.54E-03	NA	5.95E-01	NA
28	374093	3758710	Residence	1.14E-03	NA	1.84E-03	NA	4.61E-05	7.69E-05	2.10E-04	3.50E-05	7.39E-05	NA	3.90E-01	NA	7.24E-02	6.03E-04	5.14E-04	1.71E-05	1.32E-03	NA	5.33E-01	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
30	367278	3755614	Residence	4.51E-03	NA	6.84E-03	NA	1.69E-04	2.82E-04	1.41E-03	2.35E-04	9.37E-04	NA	1.53E+00	NA	7.94E-01	6.61E-03	1.73E-03	5.75E-05	5.32E-03	NA	2.31E+00	NA
31	367231	3755722	Residence	4.52E-03	NA	6.81E-03	NA	1.72E-04	2.86E-04	1.50E-03	2.49E-04	1.03E-03	NA	1.53E+00	NA	8.68E-01	7.24E-03	1.69E-03	5.64E-05	5.41E-03	NA	2.46E+00	NA
32	367185	3755830	Residence	4.76E-03	NA	7.13E-03	NA	1.75E-04	2.92E-04	1.61E-03	2.68E-04	1.12E-03	NA	1.61E+00	NA	9.44E-01	7.86E-03	1.76E-03	5.86E-05	5.63E-03	NA	2.45E+00	NA
33	367138	3755938	Residence	4.94E-03	NA	7.45E-03	NA	1.84E-04	3.07E-04	1.61E-03	2.69E-04	1.10E-03	NA	1.67E+00	NA	9.29E-01	7.74E-03	1.86E-03	6.19E-05	5.84E-03	NA	2.54E+00	NA
34	367091	3756047	Residence	4.54E-03	NA	6.95E-03	NA	1.75E-04	2.92E-04	1.33E-03	2.21E-04	8.40E-04	NA	1.54E+00	NA	7.19E-01	5.99E-03	1.79E-03	5.95E-05	5.38E-03	NA	2.39E+00	NA
35	367048	3756147	Residence	4.10E-03	NA	6.23E-03	NA	1.58E-04	2.64E-04	1.28E-03	2.13E-04	8.45E-04	NA	1.39E+00	NA	7.20E-01	6.00E-03	1.57E-03	5.25E-05	4.90E-03	NA	2.23E+00	NA
36	367005	3756247	Residence	4.21E-03	NA	6.39E-03	NA	1.55E-04	2.58E-04	1.31E-03	2.18E-04	8.72E-04	NA	1.43E+00	NA	7.35E-01	6.13E-03	1.61E-03	5.37E-05	4.91E-03	NA	2.03E+00	NA
37	366962	3756348	Residence	4.07E-03	NA	6.11E-03	NA	1.42E-04	2.37E-04	1.34E-03	2.24E-04	9.41E-04	NA	1.38E+00	NA	7.85E-01	6.54E-03	1.51E-03	5.04E-05	4.69E-03	NA	1.80E+00	NA
38	366918	3756450	Residence	3.67E-03	NA	5.45E-03	NA	1.26E-04	2.11E-04	1.29E-03	2.15E-04	9.34E-04	NA	1.24E+00	NA	7.77E-01	6.47E-03	1.32E-03	4.40E-05	4.24E-03	NA	1.65E+00	NA
39	366874	3756551	Residence	3.70E-03	NA	5.56E-03	NA	1.26E-04	2.10E-04	1.21E-03	2.02E-04	8.50E-04	NA	1.26E+00	NA	7.05E-01	5.88E-03	1.37E-03	4.58E-05	4.21E-03	NA	1.52E+00	NA
40	366830	3756653	Residence	3.51E-03	NA	5.31E-03	NA	1.21E-04	2.02E-04	1.07E-03	1.79E-04	7.22E-04	NA	1.19E+00	NA	6.02E-01	5.01E-03	1.34E-03	4.46E-05	3.97E-03	NA	1.42E+00	NA
41	366840	3756685	Residence	3.42E-03	NA	5.20E-03	NA	1.19E-04	1.99E-04	1.02E-03	1.70E-04	6.77E-04	NA	1.16E+00	NA	5.65E-01	4.71E-03	1.32E-03	4.39E-05	3.88E-03	NA	1.40E+00	NA
42	366890	3756714	Residence	3.33E-03	NA	5.09E-03	NA	1.18E-04	1.97E-04	9.61E-04	1.60E-04	6.20E-04	NA	1.13E+00	NA	5.20E-01	4.33E-03	1.31E-03	4.35E-05	3.79E-03	NA	1.40E+00	NA
43	366879	3756683	Residence	3.45E-03	NA	5.26E-03	NA	1.21E-04	2.01E-04	1.02E-03	1.70E-04	6.73E-04	NA	1.17E+00	NA	5.63E-01	4.69E-03	1.34E-03	4.46E-05	3.92E-03	NA	1.42E+00	NA
44	366852	3756751	Residence	3.14E-03	NA	4.81E-03	NA	1.13E-04	1.88E-04	8.95E-04	1.49E-04	5.71E-04	NA	1.07E+00	NA	4.81E-01	4.00E-03	1.24E-03	4.12E-05	3.59E-03	NA	1.36E+00	NA
45	366884	3756737	Residence	3.22E-03	NA	4.94E-03	NA	1.16E-04	1.93E-04	9.16E-04	1.53E-04	5.83E-04	NA	1.10E+00	NA	4.91E-01	4.09E-03	1.27E-03	4.23E-05	3.68E-03	NA	1.38E+00	NA
46	366821	3756715	Residence	3.29E-03	NA	5.01E-03	NA	1.16E-04	1.93E-04	9.68E-04	1.61E-04	6.35E-04	NA	1.12E+00	NA	5.31E-01	4.43E-03	1.28E-03	4.25E-05	3.74E-03	NA	1.37E+00	NA
47	366790	3756728	Residence	3.21E-03	NA	4.90E-03	NA	1.14E-04	1.89E-04	9.48E-04	1.58E-04	6.21E-04	NA	1.09E+00	NA	5.21E-01	4.34E-03	1.25E-03	4.16E-05	3.66E-03	NA	1.35E+00	NA
48	366745	3756823	Residence	2.74E-03	NA	4.20E-03	NA	1.01E-04	1.68E-04	7.86E-04	1.31E-04	5.00E-04	NA	9.32E-01	NA	4.23E-01	3.52E-03	1.08E-03	3.60E-05	3.17E-03	NA	1.27E+00	NA
49	366700	3756919	Residence	2.23E-03	NA	3.43E-03	NA	8.69E-05	1.45E-04	6.33E-04	1.06E-04	3.92E-04	NA	7.57E-01	NA	3.37E-01	2.81E-03	8.89E-04	2.96E-05	2.64E-03	NA	1.18E+00	NA
50	366655	3757014	Residence	2.16E-03	NA	3.35E-03	NA	8.39E-05	1.40E-04	5.65E-04	9.42E-05	3.29E-04	NA	7.33E-01	NA	2.85E-01	2.38E-03	8.81E-04	2.94E-05	2.53E-03	NA	1.08E+00	NA
51	366608	3757113	Residence	2.06E-03	NA	3.19E-03	NA	7.94E-05	1.32E-04	5.56E-04	9.26E-05	3.33E-04	NA	7.00E-01	NA	2.86E-01	2.39E-03	8.34E-04	2.78E-05	2.41E-03	NA	1.03E+00	NA
52	366561	3757212	Residence	2.07E-03	NA	3.20E-03	NA	7.99E-05	1.33E-04	5.56E-04	9.26E-05	3.32E-04	NA	7.04E-01	NA	2.85E-01	2.38E-03	8.39E-04	2.80E-05	2.43E-03	NA	1.03E+00	NA
53	366514	3757311	Residence	2.13E-03	NA	3.31E-03	NA	8.22E-05	1.37E-04	5.59E-04	9.31E-05	3.28E-04	NA	7.25E-01	NA	2.82E-01	2.35E-03	8.70E-04	2.90E-05	2.49E-03	NA	1.05E+00	NA
54	366464	3757416	Residence	2.21E-03	NA	3.44E-03	NA	8.53E-05	1.42E-04	5.62E-04	9.36E-05	3.20E-04	NA	7.53E-01	NA	2.76E-01	2.30E-03	9.12E-04	3.04E-05	2.58E-03	NA	1.07E+00	NA
55	366415	3757520	Residence	2.36E-03	NA	3.69E-03	NA	9.07E-05	1.51E-04	5.70E-04	9.50E-05	3.10E-04	NA	8.03E-01	NA	2.69E-01	2.25E-03	9.86E-04	3.29E-05	2.73E-03	NA	1.10E+00	NA
56	366434	3757556	Residence	2.44E-03	NA	3.82E-03	NA	9.38E-05	1.56E-04	5.85E-04	9.74E-05	3.15E-04	NA	8.31E-01	NA	2.74E-01	2.28E-03	1.02E-03	3.41E-05	2.82E-03	NA	1.13E+00	NA
57	366484	3757562	Residence	2.51E-03	NA	3.94E-03	NA	9.65E-05	1.61E-04	6.03E-04	1.01E-04	3.25E-04	NA	8.57E-01	NA	2.83E-01	2.36E-03	1.05E-03	3.51E-05	2.90E-03	NA	1.16E+00	NA
58	366567	3757525	Residence	2.59E-03	NA	4.05E-03	NA	9.86E-05	1.64E-04	6.29E-04	1.05E-04	3.45E-04	NA	8.82E-01	NA	2.99E-01	2.49E-03	1.08E-03	3.60E-05	2.98E-03	NA	1.18E+00	NA
59	366621	3757539	Residence	2.67E-03	NA	4.19E-03	NA	1.02E-04	1.70E-04	6.47E-04	1.08E-04	3.53E-04	NA	9.11E-01	NA	3.06E-01	2.55E-03	1.12E-03	3.73E-05	3.08E-03	NA	1.22E+00	NA
60	366646	3757556	Residence	2.72E-03	NA	4.25E-03	NA	1.04E-04	1.74E-04	6.54E-04	1.09E-04	3.53E-04	NA	9.25E-01	NA	3.08E-01	2.56E-03	1.14E-03	3.79E-05	3.13E-03	NA	1.25E+00	NA
61	366713	3757550	Residence	2.79E-03	NA	4.37E-03	NA	1.07E-04	1.79E-04	6.71E-04	1.12E-04	3.61E-04	NA	9.50E-01	NA	3.15E-01	2.62E-03	1.17E-03	3.90E-05	3.22E-03	NA	1.29E+00	NA
62	366779	3757545	Residence	2.86E-03	NA	4.49E-03	NA	1.10E-04	1.84E-04	6.85E-04	1.14E-04	3.66E-04	NA	9.74E-01	NA	3.20E-01	2.67E-03	1.20E-03	4.00E-05	3.31E-03	NA	1.34E+00	NA
63	366839	3757583	Residence	2.89E-03	NA	4.54E-03	NA	1.15E-04	1.91E-04	6.82E-04	1.14E-04	3.54E-04	NA	9.82E-01	NA	3.14E-01	2.62E-03	1.22E-03	4.07E-05	3.39E-03	NA	1.45E+00	NA
64	366913	3757623	Residence	2.88E-03	NA	4.54E-03	NA	1.20E-04	2.00E-04	6.90E-04	1.15E-04	3.52E-04	NA	9.79E-01	NA	3.20E-01	2.66E-03	1.22E-03	4.08E-05	3.46E-03	NA	1.63E+00	NA
65	366986	3757664	Residence	3.00E-03	NA	4.71E-03	NA	1.30E-04	2.17E-04	7.60E-04	1.27E-04	4.00E-04	NA	1.02E+00	NA	3.67E-01	3.06E-03	1.26E-03	4.20E-05	3.70E-03	NA	1.91E+00	NA
66	367074	3757713	Residence	3.67E-03	NA	5.79E-03	NA	1.61E-04	2.69E-04	8.96E-04	1.49E-04	4.45E-04	NA	1.24E+00	NA	4.18E-01	3.48E-03	1.56E-03	5.21E-05	4.54E-03	NA	2.37E+00	NA
67	367162	3757761	Residence	4.22E-03	NA	6.70E-03	NA	1.90E-04	3.16E-04	9.99E-04	1.67E-04	4.68E-04	NA	1.43E+00	NA	4.51E-01	3.76E-03	1.82E-03	6.07E-05	5.27E-03	NA	2.82E+00	NA
68	367300	3757718	Residence	5.66E-03	NA	9.07E-03	NA	2.75E-04	4.58E-04	1.27E-03	2.11E-04	5.10E-04	NA	1.91E+00	NA	5.32E-01	4.44E-03	2.50E-03	8.34E-05	7.32E-03	NA	4.38E+00	NA
69	367385	3757734	Residence	5.44E-03	NA	8.72E-03	NA	2.76E-04	4.59E-04	1.24E-03	2.06E-04	4.89E-04	NA	1.83E+00	NA	5.25E-01	4.37E-03	2.41E-03	8.03E-05	7.21E-03	NA	4.60E+00	NA
70	367398	3757758	Residence	4.30E-03	NA	6.85E-03	NA	2.20E-04	3.67E-04	1.05E-03	1.75E-04	4.62E-04	NA	1.45E+00	NA	4.79E-01	4.00E-03	1.87E-03	6.24E-05	5.77E-03	NA	3.78E+00	NA
71	367506	3757818	Residence	3.26E-03	NA	5.17E-03	NA	1.65E-04	2.74E-04	8.23E-04	1.37E-04	3.76E-04	NA	1.09E+00	NA	3.88E-01	3.23E-03	1.40E-03	4.68E-05	4.36E-03	NA	2.83E+00	NA
72	367533	3757826	Residence	2.38E-03	NA	3.73E-03	NA	1.23E-04	2.06E-04	6.89E-04	1.15E-04	3.62E-04	NA	7.96E-01	NA	3.60E-01	3.00E-03	9.88E-04	3.29E-05	3.27E-03	NA	2.25E+00	NA
73	367561	3757814	Residence	2.39E-03	NA	3.74E-03	NA	1.19E-04	1.98E-04	6.94E-04	1.16E-04	3.73E-04	NA	8.03E-01	NA	3.66E-01	3.05E-03	9.87E-04	3.29E-05	3.21E-03	NA	2.09E+00	NA
78	367786	3757842	Residence	1.91E-03	NA	2.92E-03	NA	7.89E-05	1.32E-04	6.18E-04	1.03E-04	3.96E-04	NA	6.46E-01	NA	3.55E-01	2.96E-03	7.37E-04	2.46E-05	2.37E-03	NA	1.22E+00	NA
79	367782	3757935	Residence	1.73E-03	NA	2.63E-03	NA	6.44E-05	1.07E-04	5.53E-04	9.22E-05	3.67E-04	NA	5.87E-01	NA	3.20E-01	2.67E-03	6.59E-04	2.20E-05	2.04E-03	NA	8.71E-01	NA
80	367752	3757969	Residence	1.71E-03	NA	2.60E-03	NA	6.37E-05	1.06E-04	5.43E-04	9.04E-05	3.59E-04	NA	5.80E-01	NA	3.12E-01	2.60E-03	6.53E-04	2.18E-05	2.02E-03	NA	8.56E-01	NA
81	367775	3758021	Residence	1.88E-03	NA	2.88E-03	NA	6.95E-05	1.16E-04	5.43E-04	9.05E-05	3.47E-04	NA	6.39E-01	NA	2.96E-01	2.47E-03	7.40E-04	2.47E-05	2.18E-03	NA	8.77E-01	NA
82	367808	3758034	Residence	2.00E-03	NA	3.07E-03	NA	7.35E-05	1.22E-04	5.50E-04	9.17E-05	3.42E-04	NA	6.79E-01	NA	2.91E-01	2.42E-03	7.97E-04	2.66E-05	2.30E-03	NA	8.98E-01	NA
83	367866	3758009	Residence	2.12E-03	NA	3.27E-03	NA	7.80E-05	1.30E-04	5.63E-04	9.38E-05	3.40E-04	NA	7.20E-01	NA	2.90E-01	2.42E-03	8.55E-04	2.85E-05	2.42E-03	NA	9.34E-01	NA
84	367924	3757985	Residence	2.24E-03	NA	3.47E-03	NA	8.27E-05	1.38E-04	5.71E-04	9.52E-05	3.34E-04	NA	7.62E-01	NA	2.86E-01	2.39E-03	9.15E-04	3.05E-05	2.55E-03	NA	9.72E-01	NA
85	367938	3757954	Residence	2.23E-03	NA	3.45E-03	NA	8.27E-05	1.38E-04	5.74E-04	9.57E-05	3.38E-04	NA	7.59E-01	NA	2.89E-01	2.41E-03	9.09E-04	3.03E-05	2.55E-03	NA	9.82E-01	NA
86	367928	3757923	Residence	2.14E-03	NA	3.31E-03	NA	7.98E-05	1.33E-04	5.76E-04	9.60E-05	3.48E-04	NA	7.30E-01	NA	2.99E-01	2.49E-03	8.65E-04	2.88E-05	2.47E-03	NA	9.76E-01	NA
87	367915	3757953	Residence	2.16E-03	NA	3.34E-03	NA	8.01E-05	1.34E-04	5.72E-04	9.54E-05	3.44E-04	NA	7.35E-01	NA	2.95E-01	2.45E-03	8.74E-04	2.91E-05	2.48E-03	NA	9.66E-01	NA
88	368017	3757908	Residence	2.37E-03	NA	3.70E-03	NA	8.90E-05	1.48E-04	5.78E-04	9.64E-05	3.23E-04	NA	8.09E-01	NA	2.79E-01	2.32E-03	9.87E-04	3.29E-05	2.71E-03	NA	1.04E+00	NA
89	368119	3757863	Residence	2.58E-03	NA	4.07E-03	NA	9.83E-05	1.64E-04	5.73E-04	9.55E-05	2.88E-04	NA	8.82E-01	NA	2.53E-01	2.11E-03	1.10E-03	3.68E-05	2.95E-03	NA	1.12E+00	NA
90	368180	3757839	Residence	2.71E-03	NA	4.30E-03	NA	1.04E-04	1.74E-04	5.64E-04	9.40E-05	2.62E-04	NA	9.26E-01	NA	2.33E-01	1.94E-03	1.18E-03	3.92E-05	3.08E-03	NA	1.17E+00	NA
91	368242	3757814	Residence	2.83E-03	NA	4.52E-03	NA	1.10E-04	1.83E-04	5.53E-04	9.22E-05	2.32E-04	NA	9.67E-01	NA	2.11E-01	1.76E-03	1.25E-03	4.16E-05	3.22E-03	NA	1.22E+00	NA
92	368318	3757785	Residence	2.97E-03	NA	4.76E-03	NA	1.17E-04	1.95E-04	5.37E-04	8.95E-05	1.95E-04	NA	1.01E+00	NA	1.83E-01	1.53E-03	1.33E-03	4.44E-05	3.37E-03	NA	1.29E+00	NA
93	368407	3757788	Residence	3.07E-03	NA	4.95E-03	NA	1.22E-04	2.03E-04	5.42E-04	9.03E-05	1.85E-04	NA	1.05E+00	NA	1.77E-01	1.48E-03	1.39E-03	4.62E-05	3.50E-03	NA	1.34E+00	NA
94	368505	3757789	Residence	3.06E-03	NA	4.91E-03	NA	1.22E-04	2.04E-04	5.52E-04	9.20E-05	1.94E-04	NA	1.04E+00	NA	1.88E-01	1.56E-03	1.38E-03	4.59E-05	3.51E-03	NA	1.39E+00	NA
95	368603	3757790	Residence	2.87E-03	NA	4.61E-03	NA	1.18E-04	1.96E-04	5.38E-04	8.96E-05	1.97E-04	NA	9.80E-01	NA	1.93E-01	1.61E-03	1.29E-03	4.29E-05	3.35E-03	NA	1.41E+00	NA
96	368628	3757765	Residence	2.92E-03	NA	4.69E-03	NA	1.20E-04	2.00E-04	5.48E-04	9.14E-05	2.01E-04	NA	9.97E-01	NA	1.97E-01	1.65E-03	1.31E-03	4.37E-05	3.41E-03	NA	1.45E+00	NA
97	368676	3757781	Residence	2.70E-03	NA	4.33E-03	NA	1.15E-04	1.92E-04	5.22E-04	8.70E-05	1.97E-04	NA	9.19E-01	NA	1.95E-01	1.63E-03	1.21E-03	4.02E-05	3.22E-03	NA	1.50E+00	NA
98	368759	3757821	Residence	3.13E-03	NA	5.04E-03	NA	1.30E-04	2.17E-04	5.61E-04	9.35E-05	1.91E-04	NA	1.07E+00	NA	1.87E-01	1.56E-03	1.42E-03	4.72E-05	3.66E-03	NA	1.59E+00	NA
99	368839	3757872	Residence	3.71E-03	NA	6.00E-03	NA	1.48E-04	2.47E-04	6.18E-04	1.03E-04	1.83E-04	NA	1.27E+00	NA	1.82E-01	1.51E-03	1.69E-03	5.65E-05	4.23E-03	NA	1.63E+00	NA
100	368921	3757924	Residence	3.90E-03	NA	6.33E-03	NA	1.54E-04	2.57E-04	6.32E-04	1.05E-04	1.72E-04	NA	1.34E+00	NA	1.75E-01	1.46E-03	1.79E-03	5.97E-05	4.41E-03	NA	1.62E+00	NA
101	369004	3757976	Residence	3.60E-03	NA	5.84E-03	NA	1.44E-04	2.40E-04	5.89E-04	9.81E-05	1.59E-04	NA	1.23E+00	NA	1.66E-01	1.38E-03	1.65E-03	5.51E-05	4.10E-03	NA	1.57E+00	NA
102	369038	3757969	Residence	3.48E-03	NA	5.65E-03	NA	1.41E-04	2.35E-04	5.74E-04	9.57E-05	1.55E-04	NA	1.19E+00	NA	1.64E-01	1.36E-03	1.60E-03	5.33E-05	3.99E-03	NA	1.57E+00	NA
103	369101	3757878	Residence	3.63E-03	NA	5.87E-03	NA	1.47E-04	2.46E-04	6.17E-04	1.03E-04	1.81E-04	NA	1.24E+00	NA	1.88E-01	1.56E-03	1.66E-03	5.52E-05	4.18E-03	NA	1.68E+00	NA
104	369067	3757885	Residence	3.76E-03	NA	6.10E-03	NA	1.52E-04	2.53E-04	6.23E-04	1.04E-04	1.72E-04	NA	1.29E+00	NA	1.80E-01	1.50E-03	1.73E-03	5.75E-05	4.30E-03	NA	1.68E+00	NA
105	369139	3757930	Residence	3.09E-03	NA	4.99E-03	NA	1.29E-04	2.16E-04	5.50E-04	9.17E-05	1.72E-04	NA	1.05E+00	NA	1.81E-01	1.51E-03	1.40E-03	4.68E-05	3.62E-03	NA	1.58E+00	NA
106	369211	3757974	Residence	2.74E-03	NA	4.43E-03	NA	1.16E-04	1.94E-04	5.11E-04	8.52E-05	1.73E-04	NA	9.35E-01	NA	1.81E-01	1.51E-03	1.24E-03	4.13E-05	3.25E-03	NA	1.46E+00	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
107	369243	3757968	Residence	2.97E-03	NA	4.79E-03	NA	1.22E-04	2.03E-04	5.41E-04	9.02E-05	1.81E-04	NA	1.01E+00	NA	1.87E-01	1.56E-03	1.34E-03	4.47E-05	3.45E-03	NA	1.44E+00	NA
108	369305	3757894	Residence	3.43E-03	NA	5.53E-03	NA	1.35E-04	2.25E-04	6.21E-04	1.04E-04	2.13E-04	NA	1.17E+00	NA	2.14E-01	1.78E-03	1.55E-03	5.16E-05	3.91E-03	NA	1.48E+00	NA
109	369366	3757820	Residence	3.87E-03	NA	6.23E-03	NA	1.49E-04	2.49E-04	6.98E-04	1.16E-04	2.45E-04	NA	1.33E+00	NA	2.40E-01	2.00E-03	1.74E-03	5.80E-05	4.36E-03	NA	1.56E+00	NA
110	369436	3757794	Residence	4.06E-03	NA	6.53E-03	NA	1.55E-04	2.58E-04	7.31E-04	1.22E-04	2.60E-04	NA	1.39E+00	NA	2.51E-01	2.09E-03	1.82E-03	6.08E-05	4.55E-03	NA	1.58E+00	NA
111	369435	3757760	Residence	4.18E-03	NA	6.72E-03	NA	1.59E-04	2.66E-04	7.54E-04	1.26E-04	2.70E-04	NA	1.43E+00	NA	2.60E-01	2.17E-03	1.88E-03	6.25E-05	4.69E-03	NA	1.63E+00	NA
112	369251	3758017	Residence	2.96E-03	NA	4.79E-03	NA	1.20E-04	1.99E-04	5.28E-04	8.80E-05	1.70E-04	NA	1.01E+00	NA	1.76E-01	1.47E-03	1.34E-03	4.48E-05	3.41E-03	NA	1.36E+00	NA
113	369344	3758083	Residence	3.21E-03	NA	5.19E-03	NA	1.24E-04	2.07E-04	5.49E-04	9.14E-05	1.71E-04	NA	1.10E+00	NA	1.71E-01	1.43E-03	1.46E-03	4.87E-05	3.61E-03	NA	1.28E+00	NA
114	369437	3758148	Residence	3.02E-03	NA	4.88E-03	NA	1.17E-04	1.95E-04	5.23E-04	8.72E-05	1.70E-04	NA	1.03E+00	NA	1.68E-01	1.40E-03	1.37E-03	4.56E-05	3.40E-03	NA	1.22E+00	NA
115	369429	3758218	Residence	2.88E-03	NA	4.65E-03	NA	1.12E-04	1.87E-04	4.92E-04	8.20E-05	1.54E-04	NA	9.85E-01	NA	1.54E-01	1.28E-03	1.31E-03	4.36E-05	3.24E-03	NA	1.17E+00	NA
116	369432	3758306	Residence	2.68E-03	NA	4.33E-03	NA	1.05E-04	1.75E-04	4.53E-04	7.56E-05	1.37E-04	NA	9.16E-01	NA	1.39E-01	1.16E-03	1.22E-03	4.06E-05	3.03E-03	NA	1.11E+00	NA
117	369435	3758395	Residence	2.49E-03	NA	4.03E-03	NA	9.87E-05	1.64E-04	4.19E-04	6.98E-05	1.22E-04	NA	8.52E-01	NA	1.26E-01	1.05E-03	1.14E-03	3.79E-05	2.83E-03	NA	1.06E+00	NA
118	369460	3758419	Residence	2.37E-03	NA	3.84E-03	NA	9.49E-05	1.58E-04	4.05E-04	6.75E-05	1.21E-04	NA	8.11E-01	NA	1.26E-01	1.05E-03	1.08E-03	3.60E-05	2.71E-03	NA	1.05E+00	NA
119	369558	3758419	Residence	1.99E-03	NA	3.21E-03	NA	8.36E-05	1.39E-04	3.76E-04	6.26E-05	1.31E-04	NA	6.79E-01	NA	1.36E-01	1.14E-03	8.97E-04	2.99E-05	2.35E-03	NA	1.04E+00	NA
120	369657	3758419	Residence	1.60E-03	NA	2.56E-03	NA	7.25E-05	1.21E-04	3.44E-04	5.74E-05	1.40E-04	NA	5.41E-01	NA	1.47E-01	1.22E-03	7.05E-04	2.35E-05	1.99E-03	NA	1.06E+00	NA
121	369755	3758419	Residence	1.36E-03	NA	2.16E-03	NA	6.66E-05	1.11E-04	3.30E-04	5.50E-05	1.49E-04	NA	4.57E-01	NA	1.57E-01	1.31E-03	5.88E-04	1.96E-05	1.78E-03	NA	1.10E+00	NA
122	369853	3758419	Residence	1.30E-03	NA	2.05E-03	NA	6.60E-05	1.10E-04	3.34E-04	5.57E-05	1.57E-04	NA	4.35E-01	NA	1.66E-01	1.39E-03	5.56E-04	1.85E-05	1.74E-03	NA	1.15E+00	NA
123	369878	3758394	Residence	1.31E-03	NA	2.08E-03	NA	6.74E-05	1.12E-04	3.43E-04	5.72E-05	1.62E-04	NA	4.40E-01	NA	1.72E-01	1.43E-03	5.62E-04	1.87E-05	1.78E-03	NA	1.18E+00	NA
124	369877	3758289	Residence	1.45E-03	NA	2.30E-03	NA	7.50E-05	1.25E-04	3.80E-04	6.33E-05	1.79E-04	NA	4.87E-01	NA	1.90E-01	1.59E-03	6.22E-04	2.07E-05	1.97E-03	NA	1.32E+00	NA
125	369876	3758183	Residence	1.66E-03	NA	2.63E-03	NA	8.63E-05	1.44E-04	4.28E-04	7.13E-05	1.97E-04	NA	5.56E-01	NA	2.11E-01	1.76E-03	7.14E-04	2.38E-05	2.26E-03	NA	1.53E+00	NA
126	369962	3758103	Residence	2.04E-03	NA	3.27E-03	NA	1.13E-04	1.89E-04	5.12E-04	8.54E-05	2.15E-04	NA	6.83E-01	NA	2.43E-01	2.03E-03	8.96E-04	2.99E-05	2.88E-03	NA	2.10E+00	NA
127	370075	3758103	Residence	1.95E-03	NA	3.11E-03	NA	1.08E-04	1.80E-04	4.93E-04	8.22E-05	2.11E-04	NA	6.51E-01	NA	2.37E-01	1.98E-03	8.52E-04	2.84E-05	2.74E-03	NA	2.00E+00	NA
128	370187	3758103	Residence	2.07E-03	NA	3.30E-03	NA	1.04E-04	1.73E-04	4.85E-04	8.08E-05	2.03E-04	NA	6.96E-01	NA	2.21E-01	1.84E-03	9.08E-04	3.03E-05	2.73E-03	NA	1.73E+00	NA
129	370299	3758103	Residence	1.86E-03	NA	2.96E-03	NA	9.92E-05	1.65E-04	4.48E-04	7.47E-05	1.95E-04	NA	6.23E-01	NA	2.07E-01	1.72E-03	8.13E-04	2.71E-05	2.54E-03	NA	1.77E+00	NA
136	370506	3758113	Residence	1.25E-03	NA	1.95E-03	NA	6.37E-05	1.06E-04	3.41E-04	5.68E-05	1.81E-04	NA	4.19E-01	NA	1.77E-01	1.47E-03	5.22E-04	1.74E-05	1.69E-03	NA	1.14E+00	NA
137	370601	3758113	Residence	1.24E-03	NA	1.95E-03	NA	6.21E-05	1.04E-04	3.46E-04	5.77E-05	1.79E-04	NA	4.16E-01	NA	1.84E-01	1.54E-03	5.18E-04	1.73E-05	1.67E-03	NA	1.09E+00	NA
138	370696	3758114	Residence	1.63E-03	NA	2.60E-03	NA	8.51E-05	1.42E-04	4.11E-04	6.85E-05	1.81E-04	NA	5.47E-01	NA	1.99E-01	1.66E-03	7.08E-04	2.36E-05	2.22E-03	NA	1.50E+00	NA
139	370791	3758114	Residence	1.67E-03	NA	2.67E-03	NA	8.91E-05	1.48E-04	4.20E-04	6.99E-05	1.80E-04	NA	5.59E-01	NA	2.02E-01	1.68E-03	7.28E-04	2.43E-05	2.30E-03	NA	1.60E+00	NA
140	370886	3758114	Residence	2.67E-03	NA	4.30E-03	NA	1.33E-04	2.21E-04	5.53E-04	9.22E-05	1.93E-04	NA	8.99E-01	NA	2.17E-01	1.81E-03	1.20E-03	4.01E-05	3.47E-03	NA	2.13E+00	NA
154	371170	3757732	Residence	2.77E-03	NA	4.44E-03	NA	1.10E-04	1.83E-04	5.34E-04	8.90E-05	2.07E-04	NA	9.47E-01	NA	2.01E-01	1.68E-03	1.23E-03	4.11E-05	3.18E-03	NA	1.25E+00	NA
155	371240	3757783	Residence	2.64E-03	NA	4.22E-03	NA	1.05E-04	1.75E-04	5.12E-04	8.53E-05	2.01E-04	NA	9.00E-01	NA	1.95E-01	1.62E-03	1.17E-03	3.90E-05	3.04E-03	NA	1.21E+00	NA
156	371264	3757808	Residence	2.59E-03	NA	4.15E-03	NA	1.03E-04	1.72E-04	5.04E-04	8.40E-05	1.98E-04	NA	8.85E-01	NA	1.92E-01	1.60E-03	1.15E-03	3.84E-05	2.99E-03	NA	1.19E+00	NA
157	371372	3757807	Residence	2.53E-03	NA	4.06E-03	NA	1.03E-04	1.71E-04	4.90E-04	8.16E-05	1.91E-04	NA	8.64E-01	NA	1.84E-01	1.54E-03	1.13E-03	3.76E-05	2.94E-03	NA	1.22E+00	NA
158	371385	3757827	Residence	2.48E-03	NA	3.98E-03	NA	1.01E-04	1.68E-04	4.83E-04	8.05E-05	1.89E-04	NA	8.48E-01	NA	1.83E-01	1.53E-03	1.10E-03	3.68E-05	2.89E-03	NA	1.20E+00	NA
159	371485	3757895	Residence	2.37E-03	NA	3.80E-03	NA	9.65E-05	1.61E-04	4.62E-04	7.71E-05	1.82E-04	NA	8.09E-01	NA	1.75E-01	1.46E-03	1.05E-03	3.51E-05	2.76E-03	NA	1.16E+00	NA
160	371585	3757964	Residence	2.27E-03	NA	3.63E-03	NA	9.26E-05	1.54E-04	4.43E-04	7.38E-05	1.75E-04	NA	7.73E-01	NA	1.68E-01	1.40E-03	1.01E-03	3.36E-05	2.64E-03	NA	1.12E+00	NA
161	371684	3758032	Residence	2.17E-03	NA	3.47E-03	NA	8.88E-05	1.48E-04	4.25E-04	7.08E-05	1.68E-04	NA	7.39E-01	NA	1.62E-01	1.35E-03	9.63E-04	3.21E-05	2.53E-03	NA	1.08E+00	NA
162	371784	3758101	Residence	2.08E-03	NA	3.33E-03	NA	8.51E-05	1.42E-04	4.08E-04	6.80E-05	1.62E-04	NA	7.08E-01	NA	1.56E-01	1.30E-03	9.23E-04	3.08E-05	2.43E-03	NA	1.04E+00	NA
163	371818	3758095	Residence	2.10E-03	NA	3.36E-03	NA	8.57E-05	1.43E-04	4.09E-04	6.81E-05	1.61E-04	NA	7.15E-01	NA	1.54E-01	1.29E-03	9.32E-04	3.11E-05	2.45E-03	NA	1.04E+00	NA
164	371873	3758022	Residence	2.16E-03	NA	3.46E-03	NA	8.87E-05	1.48E-04	4.15E-04	6.91E-05	1.58E-04	NA	7.36E-01	NA	1.53E-01	1.28E-03	9.63E-04	3.21E-05	2.52E-03	NA	1.08E+00	NA
165	371928	3757949	Residence	2.10E-03	NA	3.37E-03	NA	8.82E-05	1.47E-04	4.06E-04	6.77E-05	1.52E-04	NA	7.16E-01	NA	1.51E-01	1.26E-03	9.39E-04	3.13E-05	2.48E-03	NA	1.11E+00	NA
166	371969	3757946	Residence	2.16E-03	NA	3.47E-03	NA	8.97E-05	1.50E-04	4.10E-04	6.83E-05	1.50E-04	NA	7.36E-01	NA	1.48E-01	1.24E-03	9.67E-04	3.22E-05	2.54E-03	NA	1.11E+00	NA
167	371989	3757924	Residence	2.25E-03	NA	3.62E-03	NA	9.26E-05	1.54E-04	4.19E-04	6.98E-05	1.48E-04	NA	7.68E-01	NA	1.47E-01	1.23E-03	1.01E-03	3.37E-05	2.63E-03	NA	1.11E+00	NA
295	370737	3755244	Residence	1.29E-03	NA	2.06E-03	NA	6.70E-05	1.12E-04	2.96E-04	4.93E-05	1.16E-04	NA	4.32E-01	NA	1.35E-01	1.13E-03	5.71E-04	1.90E-05	1.73E-03	NA	1.15E+00	NA
296	370669	3755237	Residence	1.32E-03	NA	2.12E-03	NA	6.94E-05	1.16E-04	3.02E-04	5.03E-05	1.17E-04	NA	4.43E-01	NA	1.37E-01	1.15E-03	5.86E-04	1.95E-05	1.79E-03	NA	1.20E+00	NA
297	370571	3755237	Residence	1.80E-03	NA	2.90E-03	NA	8.52E-05	1.42E-04	3.65E-04	6.09E-05	1.28E-04	NA	6.09E-01	NA	1.47E-01	1.23E-03	8.10E-04	2.70E-05	2.28E-03	NA	1.29E+00	NA
298	370476	3755238	Residence	2.52E-03	NA	4.08E-03	NA	1.08E-04	1.80E-04	4.56E-04	7.60E-05	1.40E-04	NA	8.60E-01	NA	1.58E-01	1.31E-03	1.15E-03	3.83E-05	3.00E-03	NA	1.37E+00	NA
299	370380	3755238	Residence	3.41E-03	NA	5.54E-03	NA	1.37E-04	2.28E-04	5.67E-04	9.44E-05	1.55E-04	NA	1.17E+00	NA	1.69E-01	1.41E-03	1.57E-03	5.22E-05	3.90E-03	NA	1.50E+00	NA
300	370279	3755239	Residence	4.27E-03	NA	6.93E-03	NA	1.65E-04	2.75E-04	6.76E-04	1.13E-04	1.70E-04	NA	1.46E+00	NA	1.81E-01	1.51E-03	1.96E-03	6.55E-05	4.77E-03	NA	1.65E+00	NA
301	370177	3755240	Residence	4.43E-03	NA	7.19E-03	NA	1.68E-04	2.81E-04	7.01E-04	1.17E-04	1.82E-04	NA	1.52E+00	NA	1.86E-01	1.55E-03	2.04E-03	6.78E-05	4.91E-03	NA	1.61E+00	NA
302	370076	3755240	Residence	4.10E-03	NA	6.63E-03	NA	1.60E-04	2.66E-04	6.76E-04	1.13E-04	1.94E-04	NA	1.40E+00	NA	1.95E-01	1.62E-03	1.87E-03	6.24E-05	4.61E-03	NA	1.64E+00	NA
303	369979	3755241	Residence	3.37E-03	NA	5.44E-03	NA	1.38E-04	2.30E-04	6.06E-04	1.01E-04	2.04E-04	NA	1.15E+00	NA	2.04E-01	1.70E-03	1.53E-03	5.08E-05	3.91E-03	NA	1.63E+00	NA
304	369883	3755241	Residence	2.47E-03	NA	3.94E-03	NA	1.10E-04	1.83E-04	5.14E-04	8.57E-05	2.13E-04	NA	8.38E-01	NA	2.12E-01	1.77E-03	1.09E-03	3.64E-05	3.03E-03	NA	1.56E+00	NA
306	369690	3755242	Residence	2.72E-03	NA	4.34E-03	NA	1.09E-04	1.82E-04	5.62E-04	9.37E-05	2.40E-04	NA	9.27E-01	NA	2.34E-01	1.95E-03	1.19E-03	3.98E-05	3.16E-03	NA	1.31E+00	NA
307	369594	3755243	Residence	2.65E-03	NA	4.22E-03	NA	1.09E-04	1.81E-04	5.75E-04	9.58E-05	2.55E-04	NA	9.01E-01	NA	2.51E-01	2.10E-03	1.15E-03	3.85E-05	3.13E-03	NA	1.38E+00	NA
308	369498	3755243	Residence	3.37E-03	NA	5.40E-03	NA	1.35E-04	2.25E-04	6.79E-04	1.13E-04	2.74E-04	NA	1.15E+00	NA	2.72E-01	2.26E-03	1.49E-03	4.97E-05	3.91E-03	NA	1.58E+00	NA
309	369396	3755244	Residence	3.94E-03	NA	6.33E-03	NA	1.58E-04	2.63E-04	7.67E-04	1.28E-04	2.93E-04	NA	1.34E+00	NA	2.93E-01	2.44E-03	1.75E-03	5.85E-05	4.56E-03	NA	1.84E+00	NA
310	369295	3755244	Residence	3.88E-03	NA	6.23E-03	NA	1.62E-04	2.70E-04	7.83E-04	1.30E-04	3.05E-04	NA	1.32E+00	NA	3.09E-01	2.57E-03	1.72E-03	5.75E-05	4.60E-03	NA	2.04E+00	NA
311	369193	3755245	Residence	4.03E-03	NA	6.47E-03	NA	1.70E-04	2.83E-04	8.12E-04	1.35E-04	3.14E-04	NA	1.37E+00	NA	3.19E-01	2.66E-03	1.79E-03	5.98E-05	4.80E-03	NA	2.17E+00	NA
312	369092	3755245	Residence	5.08E-03	NA	8.19E-03	NA	2.01E-04	3.35E-04	9.26E-04	1.54E-04	3.18E-04	NA	1.74E+00	NA	3.23E-01	2.69E-03	2.29E-03	7.63E-05	5.81E-03	NA	2.22E+00	NA
313	368991	3755246	Residence	5.71E-03	NA	9.22E-03	NA	2.19E-04	3.65E-04	9.82E-04	1.64E-04	3.12E-04	NA	1.96E+00	NA	3.15E-01	2.63E-03	2.59E-03	8.63E-05	6.39E-03	NA	2.21E+00	NA
314	368889	3755247	Residence	5.62E-03	NA	9.08E-03	NA	2.16E-04	3.59E-04	9.49E-04	1.58E-04	2.90E-04	NA	1.92E+00	NA	2.97E-01	2.47E-03	2.56E-03	8.52E-05	6.29E-03	NA	2.17E+00	NA
315	368782	3755247	Residence	5.58E-03	NA	8.95E-03	NA	2.10E-04	3.50E-04	1.04E-03	1.73E-04	3.98E-04	NA	1.91E+00	NA	3.78E-01	3.15E-03	2.49E-03	8.28E-05	6.23E-03	NA	2.12E+00	NA
316	368676	3755248	Residence	5.56E-03	NA	8.79E-03	NA	2.04E-04	3.39E-04	1.20E-03	2.00E-04	5.86E-04	NA	1.90E+00	NA	5.22E-01	4.35E-03	2.39E-03	7.96E-05	6.22E-03	NA	2.10E+00	NA
317	368569	3755248	Residence	5.60E-03	NA	8.71E-03	NA	1.98E-04	3.30E-04	1.39E-03	2.32E-04	8.01E-04	NA	1.91E+00	NA	6.85E-01	5.71E-03	2.30E-03	7.68E-05	6.24E-03	NA	2.07E+00	NA
318	368471	3755249	Residence	5.21E-03	NA	7.97E-03	NA	1.81E-04	3.02E-04	1.49E-03	2.49E-04	9.61E-04	NA	1.77E+00	NA	8.07E-01	6.72E-03	2.04E-03	6.81E-05	5.87E-03	NA	2.05E+00	NA
319	368373	3755249	Residence	4.54E-03	NA	6.83E-03	NA	1.59E-04	2.65E-04	1.46E-03	2.43E-04	1.01E-03	NA	1.54E+00	NA	8.43E-01	7.02E-03	1.70E-03	5.67E-05	5.21E-03	NA	1.99E+00	NA
320	368275	3755250	Residence	3.70E-03	NA	5.52E-03	NA	1.36E-04	2.26E-04	1.26E-03	2.11E-04	8.98E-04	NA	1.25E+00	NA	7.51E-01	6.26E-03	1.36E-03	4.52E-05	4.37E-03	NA	1.90E+00	NA
321	368167	3755230	Residence	2.93E-03	NA	4.36E-03	NA	1.15E-04	1.91E-04	1.01E-03	1.69E-04	7.14E-04	NA	9.87E-01	NA	6.02E-01	5.02E-03	1.07E-03	3.58E-05	3.57E-03	NA	1.76E+00	NA
322	368054	3755209	Residence	2.61E-03	NA	3.83E-03	NA	1.01E-04	1.68E-04	9.86E-04	1.64E-04	7.30E-04	NA	8.79E-01	NA	6.12E-01	5.10E-03	9.14E-04	3.05E-05	3.21E-03	NA	1.62E+00	NA
323	367941	3755189	Residence	2.77E-03	NA	4.11E-03	NA	1.03E-04	1.72E-04	9.65E-04	1.61E-04	6.92E-04	NA	9.35E-01	NA	5.78E-01	4.82E-03	1.00E-03	3.35E-05	3.30E-03	NA	1.51E+00	NA
324	367824	3755185	Residence	3.09E-03	NA	4.62E-03	NA	1.10E-04	1.83E-04	1.04E-03	1.73E-04	7.39E-04	NA	1.05E+00	NA	6.14E-01	5.12E-03	1.14E-03	3.79E-05	3.60E-03	NA	1.46E+00	NA
325	367711	3755181	Residence	3.23E-03	NA	4.89E-03	NA	1.16E-04	1.94E-04	9.90E-04	1.65E-04	6.66E-04	NA	1.10E+00	NA	5.56E-01	4.63E-03	1.23E-03	4.12E-05	3.73E-03	NA	1.48E+00	NA
326	367598	3755178	Residence	3.40E-03	NA	5.14E-03	NA	1.20E-04	2.01E-04	1.05E-03	1.75E-04	7.13E-04	NA	1.15E+00	NA	5.94E-01	4.95E-03	1.29E-03	4.31E-05	3.90E-03	NA	1.50E+00	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m³)	LEAD Acute Hazard	MANGANESE (µg/m³)	MANGANESE Acute Hazard	MERCURY (µg/m³)	MERCURY Acute Hazard	NICKEL (µg/m³)	NICKEL Acute Hazard	SELENIUM (µg/m³)	SELENIUM Acute Hazard	SILICON (µg/m³)	SILICON Acute Hazard	SULFATES (µg/m³)	SULFATES Acute Hazard	VANADIUM (µg/m³)	VANADIUM Acute Hazard	ZINC (µg/m³)	ZINC Acute Hazard	DIESEL PM (µg/m³)	DIESEL PM Acute Hazard
327	367484	3755174	Residence	3.52E-03	NA	5.29E-03	NA	1.21E-04	2.02E-04	1.13E-03	1.89E-04	7.91E-04	NA	1.20E+00	NA	6.55E-01	5.46E-03	1.31E-03	4.38E-05	4.01E-03	NA	1.49E+00	NA
328	367461	3755189	Residence	3.58E-03	NA	5.37E-03	NA	1.23E-04	2.04E-04	1.16E-03	1.94E-04	8.16E-04	NA	1.22E+00	NA	6.76E-01	5.63E-03	1.33E-03	4.44E-05	4.08E-03	NA	1.49E+00	NA
329	367415	3755295	Residence	3.77E-03	NA	5.60E-03	NA	1.26E-04	2.11E-04	1.32E-03	2.20E-04	9.60E-04	NA	1.28E+00	NA	7.95E-01	6.63E-03	1.36E-03	4.52E-05	4.31E-03	NA	1.57E+00	NA
330	367369	3755401	Residence	3.71E-03	NA	5.53E-03	NA	1.32E-04	2.20E-04	1.29E-03	2.14E-04	9.19E-04	NA	1.26E+00	NA	7.68E-01	6.40E-03	1.35E-03	4.49E-05	4.34E-03	NA	1.79E+00	NA
331	367324	3755507	Residence	4.13E-03	NA	6.32E-03	NA	1.55E-04	2.59E-04	1.21E-03	2.02E-04	7.73E-04	NA	1.40E+00	NA	6.57E-01	5.48E-03	1.62E-03	5.41E-05	4.84E-03	NA	2.03E+00	NA
332	367484	3755199	Residence	3.62E-03	NA	5.43E-03	NA	1.24E-04	2.06E-04	1.18E-03	1.96E-04	8.26E-04	NA	1.23E+00	NA	6.84E-01	5.70E-03	1.34E-03	4.48E-05	4.12E-03	NA	1.51E+00	NA
333	367301	3755623	Residence	4.58E-03	NA	6.95E-03	NA	1.72E-04	2.87E-04	1.44E-03	2.40E-04	9.62E-04	NA	1.55E+00	NA	8.15E-01	6.79E-03	1.75E-03	5.83E-05	5.42E-03	NA	2.36E+00	NA
334	367114	3756056	Residence	4.59E-03	NA	7.02E-03	NA	1.77E-04	2.96E-04	1.36E-03	2.26E-04	8.65E-04	NA	1.56E+00	NA	7.40E-01	6.16E-03	1.80E-03	6.00E-05	5.45E-03	NA	2.43E+00	NA
335	366985	3756358	Residence	4.11E-03	NA	6.16E-03	NA	1.43E-04	2.38E-04	1.38E-03	2.30E-04	9.76E-04	NA	1.40E+00	NA	8.13E-01	6.77E-03	1.51E-03	5.04E-05	4.73E-03	NA	1.81E+00	NA
336	366853	3756663	Residence	3.50E-03	NA	5.31E-03	NA	1.21E-04	2.02E-04	1.06E-03	1.76E-04	7.07E-04	NA	1.19E+00	NA	5.90E-01	4.92E-03	1.34E-03	4.48E-05	3.97E-03	NA	1.42E+00	NA
337	366902	3756692	Residence	3.43E-03	NA	5.24E-03	NA	1.21E-04	2.02E-04	1.00E-03	1.67E-04	6.52E-04	NA	1.17E+00	NA	5.46E-01	4.55E-03	1.34E-03	4.46E-05	3.90E-03	NA	1.42E+00	NA
338	366876	3756760	Residence	3.10E-03	NA	4.76E-03	NA	1.13E-04	1.88E-04	8.70E-04	1.45E-04	5.47E-04	NA	1.06E+00	NA	4.62E-01	3.85E-03	1.23E-03	4.10E-05	3.55E-03	NA	1.36E+00	NA
339	366813	3756739	Residence	3.18E-03	NA	4.86E-03	NA	1.13E-04	1.89E-04	9.27E-04	1.54E-04	6.02E-04	NA	1.08E+00	NA	5.05E-01	4.21E-03	1.24E-03	4.14E-05	3.63E-03	NA	1.35E+00	NA
340	366677	3757025	Residence	2.18E-03	NA	3.38E-03	NA	8.41E-05	1.40E-04	5.82E-04	9.70E-05	3.45E-04	NA	7.42E-01	NA	2.98E-01	2.48E-03	8.86E-04	2.95E-05	2.55E-03	NA	1.08E+00	NA
341	366536	3757322	Residence	2.17E-03	NA	3.36E-03	NA	8.33E-05	1.39E-04	5.71E-04	9.52E-05	3.37E-04	NA	7.37E-01	NA	2.89E-01	2.41E-03	8.83E-04	2.94E-05	2.53E-03	NA	1.06E+00	NA
342	366437	3757531	Residence	2.41E-03	NA	3.77E-03	NA	9.25E-05	1.54E-04	5.82E-04	9.69E-05	3.16E-04	NA	8.21E-01	NA	2.74E-01	2.29E-03	1.01E-03	3.36E-05	2.78E-03	NA	1.12E+00	NA
343	366487	3757537	Residence	2.49E-03	NA	3.90E-03	NA	9.53E-05	1.59E-04	6.02E-04	1.00E-04	3.27E-04	NA	8.49E-01	NA	2.84E-01	2.37E-03	1.04E-03	3.47E-05	2.87E-03	NA	1.15E+00	NA
344	366624	3757468	Residence	2.60E-03	NA	4.06E-03	NA	9.81E-05	1.64E-04	6.44E-04	1.07E-04	3.62E-04	NA	8.86E-01	NA	3.11E-01	2.60E-03	1.08E-03	3.59E-05	2.99E-03	NA	1.17E+00	NA
345	366644	3757531	Residence	2.70E-03	NA	4.22E-03	NA	1.03E-04	1.71E-04	6.54E-04	1.09E-04	3.57E-04	NA	9.20E-01	NA	3.10E-01	2.58E-03	1.13E-03	3.76E-05	3.11E-03	NA	1.23E+00	NA
346	366777	3757520	Residence	2.86E-03	NA	4.48E-03	NA	1.09E-04	1.82E-04	6.88E-04	1.15E-04	3.73E-04	NA	9.74E-01	NA	3.24E-01	2.70E-03	1.20E-03	3.99E-05	3.30E-03	NA	1.31E+00	NA
347	366999	3757642	Residence	2.98E-03	NA	4.67E-03	NA	1.28E-04	2.13E-04	7.60E-04	1.27E-04	4.05E-04	NA	1.01E+00	NA	3.69E-01	3.08E-03	1.25E-03	4.15E-05	3.66E-03	NA	1.87E+00	NA
348	367174	3757740	Residence	4.48E-03	NA	7.12E-03	NA	2.02E-04	3.37E-04	1.04E-03	1.74E-04	4.78E-04	NA	1.52E+00	NA	4.64E-01	3.86E-03	1.94E-03	6.47E-05	5.59E-03	NA	3.00E+00	NA
349	367291	3757694	Residence	6.14E-03	NA	9.86E-03	NA	2.98E-04	4.97E-04	1.35E-03	2.25E-04	5.24E-04	NA	2.07E+00	NA	5.53E-01	4.61E-03	2.73E-03	9.10E-05	7.93E-03	NA	4.71E+00	NA
350	367413	3757695	Residence	7.82E-03	NA	1.27E-02	NA	4.00E-04	6.67E-04	1.63E-03	2.71E-04	5.28E-04	NA	2.63E+00	NA	6.16E-01	5.13E-03	3.55E-03	1.18E-04	1.03E-02	NA	6.59E+00	NA
351	367410	3757736	Residence	5.43E-03	NA	8.71E-03	NA	2.78E-04	4.64E-04	1.24E-03	2.06E-04	4.81E-04	NA	1.83E+00	NA	5.22E-01	4.35E-03	2.41E-03	8.03E-05	7.24E-03	NA	4.70E+00	NA
352	367518	3757796	Residence	3.67E-03	NA	5.86E-03	NA	1.89E-04	3.14E-04	8.96E-04	1.49E-04	3.84E-04	NA	1.23E+00	NA	4.08E-01	3.40E-03	1.60E-03	5.35E-05	4.94E-03	NA	3.24E+00	NA
353	367539	3757802	Residence	2.53E-03	NA	3.98E-03	NA	1.34E-04	2.24E-04	7.25E-04	1.21E-04	3.71E-04	NA	8.47E-01	NA	3.75E-01	3.12E-03	1.06E-03	3.53E-05	3.52E-03	NA	2.48E+00	NA
354	367609	3757677	Residence	4.50E-03	NA	7.20E-03	NA	2.30E-04	3.83E-04	1.07E-03	1.79E-04	4.43E-04	NA	1.51E+00	NA	4.77E-01	3.98E-03	1.98E-03	6.59E-05	6.02E-03	NA	3.91E+00	NA
355	367769	3757644	Residence	2.20E-03	NA	3.36E-03	NA	9.12E-05	1.52E-04	7.16E-04	1.19E-04	4.60E-04	NA	7.44E-01	NA	4.13E-01	3.44E-03	8.47E-04	2.82E-05	2.74E-03	NA	1.42E+00	NA
356	367775	3757719	Residence	2.13E-03	NA	3.26E-03	NA	8.93E-05	1.49E-04	6.85E-04	1.14E-04	4.35E-04	NA	7.19E-01	NA	3.93E-01	3.27E-03	8.24E-04	2.75E-05	2.66E-03	NA	1.40E+00	NA
357	367809	3757835	Residence	1.84E-03	NA	2.79E-03	NA	7.49E-05	1.25E-04	6.06E-04	1.01E-04	3.95E-04	NA	6.20E-01	NA	3.53E-01	2.94E-03	7.00E-04	2.33E-05	2.27E-03	NA	1.16E+00	NA
358	367807	3757936	Residence	1.81E-03	NA	2.75E-03	NA	6.71E-05	1.12E-04	5.60E-04	9.33E-05	3.65E-04	NA	6.13E-01	NA	3.18E-01	2.65E-03	6.96E-04	2.32E-05	2.12E-03	NA	8.89E-01	NA
359	367775	3757959	Residence	1.76E-03	NA	2.68E-03	NA	6.53E-05	1.09E-04	5.50E-04	9.16E-05	3.61E-04	NA	5.96E-01	NA	3.14E-01	2.62E-03	6.75E-04	2.25E-05	2.07E-03	NA	8.70E-01	NA
360	367798	3758011	Residence	1.93E-03	NA	2.96E-03	NA	7.12E-05	1.19E-04	5.49E-04	9.16E-05	3.48E-04	NA	6.55E-01	NA	2.97E-01	2.48E-03	7.62E-04	2.54E-05	2.23E-03	NA	8.91E-01	NA
361	367914	3757962	Residence	2.17E-03	NA	3.36E-03	NA	8.05E-05	1.34E-04	5.71E-04	9.52E-05	3.42E-04	NA	7.40E-01	NA	2.92E-01	2.44E-03	8.81E-04	2.94E-05	2.49E-03	NA	9.66E-01	NA
362	367905	3757930	Residence	2.09E-03	NA	3.22E-03	NA	7.76E-05	1.29E-04	5.74E-04	9.57E-05	3.52E-04	NA	7.10E-01	NA	3.03E-01	2.53E-03	8.36E-04	2.79E-05	2.41E-03	NA	9.59E-01	NA
363	368109	3757840	Residence	2.53E-03	NA	3.98E-03	NA	9.63E-05	1.61E-04	5.75E-04	9.58E-05	2.98E-04	NA	8.63E-01	NA	2.60E-01	2.17E-03	1.07E-03	3.58E-05	2.89E-03	NA	1.11E+00	NA
364	368233	3757790	Residence	2.80E-03	NA	4.46E-03	NA	1.09E-04	1.81E-04	5.56E-04	9.27E-05	2.41E-04	NA	9.56E-01	NA	2.17E-01	1.81E-03	1.23E-03	4.10E-05	3.19E-03	NA	1.22E+00	NA
365	368309	3757762	Residence	2.95E-03	NA	4.74E-03	NA	1.16E-04	1.94E-04	5.41E-04	9.02E-05	2.02E-04	NA	1.01E+00	NA	1.88E-01	1.57E-03	1.32E-03	4.41E-05	3.36E-03	NA	1.29E+00	NA
366	368603	3757765	Residence	2.99E-03	NA	4.80E-03	NA	1.22E-04	2.03E-04	5.55E-04	9.24E-05	2.02E-04	NA	1.02E+00	NA	1.97E-01	1.64E-03	1.34E-03	4.47E-05	3.47E-03	NA	1.44E+00	NA
367	368604	3757719	Residence	3.19E-03	NA	5.13E-03	NA	1.29E-04	2.15E-04	5.86E-04	9.76E-05	2.10E-04	NA	1.09E+00	NA	2.04E-01	1.70E-03	1.44E-03	4.78E-05	3.69E-03	NA	1.50E+00	NA
368	368770	3757799	Residence	3.17E-03	NA	5.10E-03	NA	1.32E-04	2.20E-04	5.68E-04	9.47E-05	1.93E-04	NA	1.08E+00	NA	1.90E-01	1.58E-03	1.43E-03	4.78E-05	3.71E-03	NA	1.61E+00	NA
369	369017	3757954	Residence	3.64E-03	NA	5.91E-03	NA	1.46E-04	2.44E-04	5.94E-04	9.90E-05	1.59E-04	NA	1.25E+00	NA	1.66E-01	1.39E-03	1.67E-03	5.58E-05	4.15E-03	NA	1.59E+00	NA
370	369080	3757864	Residence	3.82E-03	NA	6.18E-03	NA	1.54E-04	2.56E-04	6.38E-04	1.06E-04	1.81E-04	NA	1.31E+00	NA	1.88E-01	1.56E-03	1.75E-03	5.82E-05	4.37E-03	NA	1.70E+00	NA
371	369224	3757952	Residence	2.85E-03	NA	4.59E-03	NA	1.19E-04	1.99E-04	5.31E-04	8.85E-05	1.81E-04	NA	9.71E-01	NA	1.88E-01	1.57E-03	1.29E-03	4.28E-05	3.36E-03	NA	1.48E+00	NA
372	369409	3757730	Residence	4.26E-03	NA	6.85E-03	NA	1.63E-04	2.72E-04	7.72E-04	1.29E-04	2.77E-04	NA	1.46E+00	NA	2.68E-01	2.24E-03	1.91E-03	6.37E-05	4.78E-03	NA	1.68E+00	NA
373	369454	3757776	Residence	4.11E-03	NA	6.60E-03	NA	1.57E-04	2.61E-04	7.41E-04	1.24E-04	2.67E-04	NA	1.41E+00	NA	2.56E-01	2.13E-03	1.84E-03	6.14E-05	4.60E-03	NA	1.60E+00	NA
374	369265	3757997	Residence	3.07E-03	NA	4.95E-03	NA	1.23E-04	2.05E-04	5.46E-04	9.11E-05	1.78E-04	NA	1.05E+00	NA	1.82E-01	1.52E-03	1.39E-03	4.63E-05	3.52E-03	NA	1.38E+00	NA
375	369452	3758128	Residence	3.03E-03	NA	4.89E-03	NA	1.18E-04	1.96E-04	5.31E-04	8.85E-05	1.76E-04	NA	1.04E+00	NA	1.74E-01	1.45E-03	1.37E-03	4.58E-05	3.42E-03	NA	1.23E+00	NA
376	369460	3758394	Residence	2.42E-03	NA	3.91E-03	NA	9.64E-05	1.61E-04	4.14E-04	6.90E-05	1.25E-04	NA	8.27E-01	NA	1.29E-01	1.08E-03	1.10E-03	3.67E-05	2.76E-03	NA	1.06E+00	NA
377	369853	3758394	Residence	1.32E-03	NA	2.09E-03	NA	6.74E-05	1.12E-04	3.42E-04	5.69E-05	1.60E-04	NA	4.43E-01	NA	1.70E-01	1.42E-03	5.66E-04	1.89E-05	1.78E-03	NA	1.17E+00	NA
378	369850	3758078	Residence	1.96E-03	NA	3.13E-03	NA	1.04E-04	1.74E-04	4.93E-04	8.22E-05	2.16E-04	NA	6.58E-01	NA	2.37E-01	1.97E-03	8.54E-04	2.85E-05	2.70E-03	NA	1.87E+00	NA
384	370886	3758089	Residence	3.11E-03	NA	5.02E-03	NA	1.53E-04	2.56E-04	6.22E-04	1.04E-04	2.01E-04	NA	1.05E+00	NA	2.32E-01	1.93E-03	1.41E-03	4.70E-05	4.01E-03	NA	2.41E+00	NA
391	371193	3757720	Residence	2.72E-03	NA	4.37E-03	NA	1.09E-04	1.82E-04	5.28E-04	8.79E-05	2.05E-04	NA	9.30E-01	NA	2.00E-01	1.67E-03	1.21E-03	4.04E-05	3.15E-03	NA	1.27E+00	NA
392	371254	3757762	Residence	2.60E-03	NA	4.16E-03	NA	1.05E-04	1.74E-04	5.08E-04	8.46E-05	2.00E-04	NA	8.87E-01	NA	1.94E-01	1.62E-03	1.15E-03	3.85E-05	3.01E-03	NA	1.24E+00	NA
393	371264	3757783	Residence	2.59E-03	NA	4.14E-03	NA	1.04E-04	1.73E-04	5.05E-04	8.41E-05	1.99E-04	NA	8.83E-01	NA	1.93E-01	1.61E-03	1.15E-03	3.83E-05	2.99E-03	NA	1.22E+00	NA
394	371372	3757782	Residence	2.61E-03	NA	4.18E-03	NA	1.05E-04	1.76E-04	4.99E-04	8.32E-05	1.91E-04	NA	8.90E-01	NA	1.85E-01	1.54E-03	1.16E-03	3.88E-05	3.02E-03	NA	1.24E+00	NA
395	371399	3757806	Residence	2.56E-03	NA	4.10E-03	NA	1.03E-04	1.72E-04	4.91E-04	8.18E-05	1.89E-04	NA	8.72E-01	NA	1.83E-01	1.52E-03	1.14E-03	3.80E-05	2.96E-03	NA	1.22E+00	NA
396	371798	3758080	Residence	2.12E-03	NA	3.39E-03	NA	8.66E-05	1.44E-04	4.12E-04	6.87E-05	1.62E-04	NA	7.22E-01	NA	1.56E-01	1.30E-03	9.41E-04	3.14E-05	2.47E-03	NA	1.05E+00	NA
397	371908	3757934	Residence	2.13E-03	NA	3.42E-03	NA	8.93E-05	1.49E-04	4.11E-04	6.85E-05	1.53E-04	NA	7.25E-01	NA	1.52E-01	1.27E-03	9.52E-04	3.17E-05	2.52E-03	NA	1.12E+00	NA
398	371964	3757922	Residence	2.23E-03	NA	3.59E-03	NA	9.23E-05	1.54E-04	4.18E-04	6.97E-05	1.50E-04	NA	7.62E-01	NA	1.49E-01	1.24E-03	1.00E-03	3.34E-05	2.61E-03	NA	1.12E+00	NA
442	370667	3755262	Residence	1.32E-03	NA	2.11E-03	NA	6.95E-05	1.16E-04	3.06E-04	5.10E-05	1.21E-04	NA	4.42E-01	NA	1.42E-01	1.18E-03	5.83E-04	1.94E-05	1.79E-03	NA	1.21E+00	NA
443	370380	3755263	Residence	3.35E-03	NA	5.44E-03	NA	1.35E-04	2.26E-04	5.59E-04	9.32E-05	1.53E-04	NA	1.15E+00	NA	1.69E-01	1.40E-03	1.54E-03	5.13E-05	3.84E-03	NA	1.50E+00	NA
444	370076	3755265	Residence	4.24E-03	NA	6.88E-03	NA	1.65E-04	2.75E-04	6.93E-04	1.16E-04	1.94E-04	NA	1.45E+00	NA	1.96E-01	1.63E-03	1.94E-03	6.48E-05	4.76E-03	NA	1.68E+00	NA
446	369498	3755268	Residence	3.50E-03	NA	5.61E-03	NA	1.40E-04	2.34E-04	7.01E-04	1.17E-04	2.80E-04	NA	1.19E+00	NA	2.78E-01	2.32E-03	1.55E-03	5.16E-05	4.06E-03	NA	1.65E+00	NA
447	369194	3755270	Residence	4.29E-03	NA	6.89E-03	NA	1.79E-04	2.98E-04	8.54E-04	1.42E-04	3.27E-04	NA	1.46E+00	NA	3.32E-01	2.77E-03	1.91E-03	6.37E-05	5.07E-03	NA	2.24E+00	NA
448	368889	3755272	Residence	5.67E-03	NA	9.16E-03	NA	2.18E-04	3.63E-04	9.75E-04	1.63E-04	3.11E-04	NA	1.94E+00	NA	3.15E-01	2.62E-03	2.57E-03	8.58E-05	6.36E-03	NA	2.20E+00	NA
449	368569	3755273	Residence	5.59E-03	NA	8.71E-03	NA	1.99E-04	3.32E-04	1.39E-03	2.31E-04	7.94E-04	NA	1.91E+00	NA	6.79E-01	5.66E-03	2.30E-03	7.68E-05	6.26E-03	NA	2.12E+00	NA
450	368275	3755275	Residence	3.62E-03	NA	5.36E-03	NA	1.33E-04	2.21E-04	1.29E-03	2.15E-04	9.40E-04	NA	1.22E+00	NA	7.84E-01	6.53E-03	1.30E-03	4.33E-05	4.30E-03	NA	1.92E+00	NA
451	367936	3755213	Residence	2.97E-03	NA	4.43E-03	NA	1.08E-04	1.81E-04	1.02E-03	1.69E-04	7.24E-04	NA	1.01E+00	NA	6.04E-01	5.03E-03	1.09E-03	3.62E-05	3.50E-03	NA	1.51E+00	NA
74	370324	3758078	School	4.11E-03	NA	6.58E-03	NA	2.07E-04	3.44E-04	9.86E-04	1.64E-04	4.17E-04	NA	1.38E+00	NA	4.43E-01	3.69E-03	1.80E-03	6.00E-05	5.46E-03	NA	3.46E+00	NA
75	370324	3758078	School	3.82E-03	NA	6.07E-03	NA	1.90E-04	3.17E-04	9.61E-04	1.60E-04	4.39E-04	NA	1.28E+00	NA	4.53E-01	3.77E-03	1.65E-03	5.49E-05	5.07E-03	NA	3.22E+00	NA
76	370324	3758078	School	2.93E-03	NA	4.58E-03	NA	1.35E-04	2.26E-04	8.21E-04	1.37E-04	4.46E-04	NA	9.86E-01	NA	4.26E-01	3.55E-03	1.21E-03	4.02E-05	3.78E-03	NA	2.21E+00	NA

Table 5-4
Calculation of Mitigated Cumulative Acute Hazard Indices for PM10 for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	LEAD (µg/m^3)	LEAD Acute Hazard	MANGANESE (µg/m^3)	MANGANESE Acute Hazard	MERCURY (µg/m^3)	MERCURY Acute Hazard	NICKEL (µg/m^3)	NICKEL Acute Hazard	SELENIUM (µg/m^3)	SELENIUM Acute Hazard	SILICON (µg/m^3)	SILICON Acute Hazard	SULFATES (µg/m^3)	SULFATES Acute Hazard	VANADIUM (µg/m^3)	VANADIUM Acute Hazard	ZINC (µg/m^3)	ZINC Acute Hazard	DIESEL PM (µg/m^3)	DIESEL PM Acute Hazard
77	370324	3758078	School	2.25E-03	NA	3.46E-03	NA	9.70E-05	1.62E-04	7.06E-04	1.18E-04	4.35E-04	NA	7.60E-01	NA	3.97E-01	3.31E-03	8.84E-04	2.95E-05	2.84E-03	NA	1.54E+00	NA
130	370324	3758078	School	1.72E-03	NA	2.72E-03	NA	9.44E-05	1.57E-04	4.31E-04	7.19E-05	1.94E-04	NA	5.74E-01	NA	2.05E-01	1.71E-03	7.46E-04	2.49E-05	2.40E-03	NA	1.75E+00	NA
131	370381	3757991	School	1.49E-03	NA	2.35E-03	NA	7.52E-05	1.25E-04	3.92E-04	6.53E-05	1.98E-04	NA	5.01E-01	NA	1.97E-01	1.64E-03	6.32E-04	2.11E-05	2.00E-03	NA	1.31E+00	NA
132	370435	3758019	School	1.38E-03	NA	2.16E-03	NA	6.91E-05	1.15E-04	3.68E-04	6.13E-05	1.93E-04	NA	4.63E-01	NA	1.88E-01	1.56E-03	5.80E-04	1.93E-05	1.84E-03	NA	1.20E+00	NA
133	370499	3758050	School	1.36E-03	NA	2.13E-03	NA	6.61E-05	1.10E-04	3.67E-04	6.12E-05	1.87E-04	NA	4.56E-01	NA	1.91E-01	1.59E-03	5.69E-04	1.90E-05	1.79E-03	NA	1.12E+00	NA
134	370485	3758025	School	1.46E-03	NA	2.30E-03	NA	6.91E-05	1.15E-04	3.82E-04	6.36E-05	1.90E-04	NA	4.92E-01	NA	1.94E-01	1.62E-03	6.18E-04	2.06E-05	1.89E-03	NA	1.12E+00	NA
135	370481	3758086	School	1.29E-03	NA	2.02E-03	NA	6.59E-05	1.10E-04	3.50E-04	5.83E-05	1.85E-04	NA	4.34E-01	NA	1.80E-01	1.50E-03	5.42E-04	1.81E-05	1.74E-03	NA	1.17E+00	NA
305	369787	3755242	School	2.60E-03	NA	4.14E-03	NA	1.10E-04	1.83E-04	5.32E-04	8.86E-05	2.26E-04	NA	8.84E-01	NA	2.17E-01	1.81E-03	1.14E-03	3.81E-05	3.09E-03	NA	1.44E+00	NA
379	370299	3758078	School	1.88E-03	NA	3.00E-03	NA	1.05E-04	1.74E-04	4.61E-04	7.68E-05	1.98E-04	NA	6.30E-01	NA	2.14E-01	1.78E-03	8.27E-04	2.76E-05	2.64E-03	NA	1.93E+00	NA
380	370298	3757963	School	1.95E-03	NA	3.11E-03	NA	1.05E-04	1.74E-04	4.80E-04	7.99E-05	2.11E-04	NA	6.54E-01	NA	2.25E-01	1.88E-03	8.52E-04	2.84E-05	2.68E-03	NA	1.88E+00	NA
381	370382	3757966	School	1.49E-03	NA	2.34E-03	NA	7.33E-05	1.22E-04	3.92E-04	6.53E-05	2.00E-04	NA	5.00E-01	NA	1.98E-01	1.65E-03	6.28E-04	2.09E-05	1.97E-03	NA	1.25E+00	NA
382	370510	3758027	School	1.53E-03	NA	2.43E-03	NA	7.44E-05	1.24E-04	3.96E-04	6.59E-05	1.91E-04	NA	5.17E-01	NA	1.98E-01	1.65E-03	6.54E-04	2.18E-05	2.01E-03	NA	1.23E+00	NA
383	370506	3758088	School	1.25E-03	NA	1.95E-03	NA	6.34E-05	1.06E-04	3.44E-04	5.73E-05	1.83E-04	NA	4.18E-01	NA	1.80E-01	1.50E-03	5.20E-04	1.73E-05	1.68E-03	NA	1.13E+00	NA
445	369787	3755267	School	2.65E-03	NA	4.23E-03	NA	1.13E-04	1.88E-04	5.41E-04	9.02E-05	2.28E-04	NA	9.02E-01	NA	2.20E-01	1.83E-03	1.17E-03	3.90E-05	3.16E-03	NA	1.49E+00	NA

Note: Shaded cells indicate locations where concentNote: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Location	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acrolein (µg/m^3)	benzene (µg/m^3)	butadiene, 1,3- (µg/m^3)	ethylbenzene (µg/m^3)	ethylene glycol (µg/m^3)	formaldehyde (µg/m^3)	hexane, n- (µg/m^3)	isopropyl alcohol (µg/m^3)
Residential											
Maximum Offsite Concentration-->	6.13E+01	6.23E+01	3.46E+00	2.07E-01	1.02E+00	2.24E-01	3.02E-01	2.27E-02	7.24E+00	5.96E-01	5.50E-02
Average Offsite Concentration-->	3.36E+01	3.40E+01	1.74E+00	1.28E-01	5.18E-01	1.30E-01	1.52E-01	9.50E-03	3.69E+00	2.64E-01	2.30E-02
Minimum Offsite Concentration-->	9.56E+00	9.70E+00	5.12E-01	5.08E-02	1.58E-01	4.99E-02	3.29E-02	1.32E-03	1.13E+00	4.08E-02	3.19E-03
Commercial											
Maximum Offsite Concentration-->	7.08E+01	7.20E+01	4.42E+00	2.15E-01	1.28E+00	2.13E-01	2.91E-01	1.25E-02	9.08E+00	4.05E-01	3.03E-02
Average Offsite Concentration-->	2.72E+01	2.76E+01	1.53E+00	1.29E-01	4.59E-01	1.25E-01	1.09E-01	5.14E-03	3.26E+00	1.57E-01	1.24E-02
Minimum Offsite Concentration-->	1.13E+01	1.15E+01	5.87E-01	8.83E-02	1.90E-01	8.66E-02	3.88E-02	1.54E-03	1.36E+00	4.91E-02	3.73E-03
School											
Maximum Offsite Concentration-->	4.60E+01	4.67E+01	2.34E+00	1.66E-01	6.96E-01	1.71E-01	2.14E-01	1.40E-02	4.95E+00	3.85E-01	3.41E-02
Average Offsite Concentration-->	2.91E+01	2.95E+01	1.40E+00	1.33E-01	4.23E-01	1.24E-01	1.38E-01	9.75E-03	3.01E+00	2.61E-01	2.36E-02
Minimum Offsite Concentration-->	2.41E+01	2.44E+01	1.09E+00	1.20E-01	3.34E-01	1.07E-01	1.19E-01	7.88E-03	2.37E+00	2.17E-01	1.91E-02
CalEPA Acute REL	NA	NA	470	2.5	1300	NA	NA	NA	55	NA	3200
Residential											
Offsite Maximum Acute Hazard-->	NA	NA	7.37E-03	8.27E-02	7.82E-04	NA	NA	NA	1.32E-01	NA	1.72E-05
Offsite Average Acute Hazard-->	NA	NA	3.70E-03	5.13E-02	3.99E-04	NA	NA	NA	6.71E-02	NA	7.20E-06
Offsite Minimum Acute Hazard-->	NA	NA	1.09E-03	2.03E-02	1.22E-04	NA	NA	NA	2.05E-02	NA	9.96E-07
Commercial											
Offsite Maximum Acute Hazard-->	NA	NA	9.41E-03	8.62E-02	9.88E-04	NA	NA	NA	1.65E-01	NA	9.46E-06
Offsite Average Acute Hazard-->	NA	NA	3.25E-03	5.16E-02	3.53E-04	NA	NA	NA	5.93E-02	NA	3.89E-06
Offsite Minimum Acute Hazard-->	NA	NA	1.25E-03	3.53E-02	1.46E-04	NA	NA	NA	2.47E-02	NA	1.16E-06
School											
Offsite Maximum Acute Hazard-->	NA	NA	4.97E-03	6.65E-02	5.35E-04	NA	NA	NA	9.00E-02	NA	1.06E-05
Offsite Average Acute Hazard-->	NA	NA	2.97E-03	5.33E-02	3.25E-04	NA	NA	NA	5.47E-02	NA	7.39E-06
Offsite Minimum Acute Hazard-->	NA	NA	2.31E-03	4.79E-02	2.57E-04	NA	NA	NA	4.31E-02	NA	5.97E-06

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
29	370479	3756654	Commercial	7.08E+01	7.20E+01	4.28E+00	1.23E-01	1.24E+00	1.97E-01	2.91E-01	1.25E-02	8.79E+00	4.05E-01	3.03E-02
141	370911	3758089	Commercial	3.49E+01	3.54E+01	1.95E+00	1.17E-01	5.78E-01	1.29E-01	1.48E-01	7.62E-03	4.10E+00	2.28E-01	1.85E-02
142	370911	3757976	Commercial	3.66E+01	3.72E+01	2.04E+00	1.28E-01	6.03E-01	1.38E-01	1.56E-01	8.17E-03	4.28E+00	2.42E-01	1.98E-02
143	370911	3757863	Commercial	3.39E+01	3.44E+01	1.78E+00	1.37E-01	5.31E-01	1.37E-01	1.51E-01	9.15E-03	3.78E+00	2.57E-01	2.22E-02
144	370910	3757751	Commercial	3.48E+01	3.53E+01	1.79E+00	1.45E-01	5.35E-01	1.42E-01	1.57E-01	9.90E-03	3.81E+00	2.74E-01	2.40E-02
145	370930	3757712	Commercial	3.52E+01	3.57E+01	1.80E+00	1.48E-01	5.41E-01	1.45E-01	1.58E-01	1.00E-02	3.85E+00	2.77E-01	2.42E-02
146	370961	3757689	Commercial	3.50E+01	3.55E+01	1.80E+00	1.47E-01	5.39E-01	1.44E-01	1.58E-01	9.93E-03	3.83E+00	2.75E-01	2.41E-02
147	371046	3757693	Commercial	3.40E+01	3.44E+01	1.75E+00	1.40E-01	5.25E-01	1.38E-01	1.52E-01	9.47E-03	3.74E+00	2.63E-01	2.30E-02
148	371071	3757668	Commercial	3.43E+01	3.48E+01	1.79E+00	1.39E-01	5.34E-01	1.38E-01	1.53E-01	9.36E-03	3.80E+00	2.62E-01	2.27E-02
149	371071	3757585	Commercial	3.66E+01	3.71E+01	1.95E+00	1.43E-01	5.82E-01	1.45E-01	1.60E-01	9.31E-03	4.14E+00	2.65E-01	2.26E-02
150	371047	3757610	Commercial	3.60E+01	3.66E+01	1.90E+00	1.42E-01	5.68E-01	1.44E-01	1.59E-01	9.50E-03	4.04E+00	2.68E-01	2.30E-02
151	371122	3757609	Commercial	3.55E+01	3.60E+01	1.90E+00	1.38E-01	5.65E-01	1.41E-01	1.55E-01	9.01E-03	4.02E+00	2.57E-01	2.18E-02
152	371099	3757595	Commercial	3.60E+01	3.66E+01	1.93E+00	1.40E-01	5.74E-01	1.43E-01	1.58E-01	9.14E-03	4.08E+00	2.60E-01	2.22E-02
153	371135	3757663	Commercial	3.40E+01	3.45E+01	1.79E+00	1.34E-01	5.35E-01	1.35E-01	1.50E-01	8.99E-03	3.80E+00	2.54E-01	2.18E-02
168	371995	3757843	Commercial	2.38E+01	2.42E+01	1.32E+00	9.10E-02	3.91E-01	9.46E-02	1.01E-01	5.35E-03	2.78E+00	1.57E-01	1.30E-02
169	371969	3757867	Commercial	2.40E+01	2.44E+01	1.32E+00	9.08E-02	3.92E-01	9.47E-02	1.02E-01	5.50E-03	2.79E+00	1.61E-01	1.33E-02
170	372023	3757868	Commercial	2.35E+01	2.38E+01	1.30E+00	8.95E-02	3.85E-01	9.31E-02	9.96E-02	5.32E-03	2.74E+00	1.56E-01	1.29E-02
171	372048	3757843	Commercial	2.33E+01	2.36E+01	1.29E+00	8.96E-02	3.83E-01	9.30E-02	9.81E-02	5.16E-03	2.72E+00	1.52E-01	1.25E-02
172	372047	3757746	Commercial	2.32E+01	2.36E+01	1.30E+00	9.16E-02	3.86E-01	9.45E-02	9.63E-02	4.87E-03	2.75E+00	1.45E-01	1.18E-02
173	372046	3757649	Commercial	2.28E+01	2.32E+01	1.29E+00	9.21E-02	3.83E-01	9.46E-02	9.32E-02	4.54E-03	2.73E+00	1.37E-01	1.10E-02
174	372045	3757551	Commercial	2.24E+01	2.27E+01	1.26E+00	9.14E-02	3.74E-01	9.33E-02	9.16E-02	4.51E-03	2.66E+00	1.36E-01	1.09E-02
175	372041	3757448	Commercial	2.20E+01	2.23E+01	1.21E+00	8.98E-02	3.60E-01	9.09E-02	9.26E-02	4.94E-03	2.56E+00	1.45E-01	1.20E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
176	372036	3757345	Commercial	2.14E+01	2.17E+01	1.14E+00	8.99E-02	3.42E-01	8.91E-02	9.24E-02	5.30E-03	2.43E+00	1.51E-01	1.29E-02
177	372032	3757242	Commercial	2.19E+01	2.22E+01	1.16E+00	9.07E-02	3.48E-01	9.03E-02	9.56E-02	5.58E-03	2.47E+00	1.59E-01	1.35E-02
178	372027	3757139	Commercial	2.33E+01	2.37E+01	1.26E+00	9.05E-02	3.74E-01	9.27E-02	1.01E-01	5.78E-03	2.66E+00	1.66E-01	1.40E-02
179	372003	3757115	Commercial	2.38E+01	2.42E+01	1.28E+00	9.10E-02	3.82E-01	9.38E-02	1.03E-01	5.86E-03	2.72E+00	1.68E-01	1.42E-02
180	371881	3757114	Commercial	2.48E+01	2.52E+01	1.34E+00	9.45E-02	3.98E-01	9.75E-02	1.08E-01	6.13E-03	2.83E+00	1.76E-01	1.49E-02
181	371758	3757113	Commercial	2.59E+01	2.63E+01	1.39E+00	9.85E-02	4.15E-01	1.02E-01	1.13E-01	6.42E-03	2.95E+00	1.84E-01	1.56E-02
182	371636	3757112	Commercial	2.71E+01	2.75E+01	1.46E+00	1.03E-01	4.34E-01	1.06E-01	1.18E-01	6.74E-03	3.08E+00	1.93E-01	1.63E-02
183	371514	3757111	Commercial	2.83E+01	2.88E+01	1.52E+00	1.09E-01	4.54E-01	1.12E-01	1.24E-01	7.09E-03	3.22E+00	2.03E-01	1.72E-02
184	371394	3757110	Commercial	3.07E+01	3.12E+01	1.66E+00	1.15E-01	4.95E-01	1.20E-01	1.33E-01	7.48E-03	3.52E+00	2.15E-01	1.81E-02
185	371275	3757110	Commercial	3.40E+01	3.45E+01	1.87E+00	1.24E-01	5.55E-01	1.31E-01	1.45E-01	7.92E-03	3.94E+00	2.31E-01	1.92E-02
186	371155	3757109	Commercial	3.79E+01	3.85E+01	2.11E+00	1.33E-01	6.25E-01	1.44E-01	1.60E-01	8.39E-03	4.45E+00	2.48E-01	2.03E-02
187	371035	3757108	Commercial	4.24E+01	4.30E+01	2.39E+00	1.46E-01	7.08E-01	1.60E-01	1.77E-01	8.91E-03	5.03E+00	2.67E-01	2.16E-02
188	371060	3757133	Commercial	4.17E+01	4.23E+01	2.36E+00	1.45E-01	6.97E-01	1.58E-01	1.74E-01	8.69E-03	4.96E+00	2.61E-01	2.11E-02
189	371059	3757085	Commercial	4.12E+01	4.18E+01	2.31E+00	1.43E-01	6.83E-01	1.55E-01	1.73E-01	8.90E-03	4.86E+00	2.65E-01	2.16E-02
190	371034	3757060	Commercial	4.18E+01	4.25E+01	2.34E+00	1.46E-01	6.94E-01	1.58E-01	1.76E-01	9.11E-03	4.93E+00	2.71E-01	2.21E-02
191	370944	3757061	Commercial	4.58E+01	4.66E+01	2.60E+00	1.57E-01	7.67E-01	1.72E-01	1.91E-01	9.56E-03	5.45E+00	2.88E-01	2.32E-02
192	370854	3757061	Commercial	5.03E+01	5.11E+01	2.88E+00	1.68E-01	8.51E-01	1.87E-01	2.08E-01	1.01E-02	6.04E+00	3.07E-01	2.44E-02
193	370764	3757062	Commercial	5.54E+01	5.63E+01	3.21E+00	1.81E-01	9.45E-01	2.04E-01	2.27E-01	1.06E-02	6.71E+00	3.28E-01	2.57E-02
194	370789	3757086	Commercial	5.39E+01	5.48E+01	3.11E+00	1.79E-01	9.19E-01	2.01E-01	2.20E-01	1.03E-02	6.52E+00	3.18E-01	2.50E-02
195	370786	3756996	Commercial	5.35E+01	5.43E+01	3.07E+00	1.71E-01	9.04E-01	1.94E-01	2.22E-01	1.07E-02	6.42E+00	3.28E-01	2.60E-02
196	370782	3756907	Commercial	5.08E+01	5.16E+01	2.88E+00	1.57E-01	8.50E-01	1.80E-01	2.14E-01	1.09E-02	6.03E+00	3.26E-01	2.64E-02
197	370779	3756817	Commercial	5.05E+01	5.14E+01	2.89E+00	1.35E-01	8.49E-01	1.67E-01	2.14E-01	1.07E-02	6.02E+00	3.25E-01	2.60E-02
198	370755	3756843	Commercial	5.11E+01	5.20E+01	2.91E+00	1.42E-01	8.56E-01	1.72E-01	2.17E-01	1.10E-02	6.07E+00	3.31E-01	2.67E-02
199	370847	3756839	Commercial	4.77E+01	4.85E+01	2.71E+00	1.36E-01	7.98E-01	1.62E-01	2.03E-01	1.03E-02	5.66E+00	3.10E-01	2.50E-02
200	370940	3756836	Commercial	4.47E+01	4.54E+01	2.53E+00	1.30E-01	7.45E-01	1.53E-01	1.90E-01	9.71E-03	5.29E+00	2.91E-01	2.35E-02
201	371032	3756832	Commercial	4.19E+01	4.26E+01	2.37E+00	1.25E-01	6.99E-01	1.46E-01	1.78E-01	9.15E-03	4.96E+00	2.74E-01	2.22E-02
202	371056	3756809	Commercial	4.14E+01	4.21E+01	2.35E+00	1.21E-01	6.92E-01	1.43E-01	1.76E-01	8.93E-03	4.91E+00	2.68E-01	2.16E-02
203	371058	3756782	Commercial	4.14E+01	4.21E+01	2.36E+00	1.18E-01	6.94E-01	1.41E-01	1.75E-01	8.82E-03	4.93E+00	2.66E-01	2.14E-02
204	371034	3756805	Commercial	4.21E+01	4.27E+01	2.39E+00	1.22E-01	7.03E-01	1.44E-01	1.78E-01	9.05E-03	4.99E+00	2.72E-01	2.19E-02
205	371146	3756803	Commercial	3.91E+01	3.97E+01	2.21E+00	1.17E-01	6.52E-01	1.36E-01	1.65E-01	8.43E-03	4.63E+00	2.53E-01	2.04E-02
206	371259	3756800	Commercial	3.65E+01	3.71E+01	2.06E+00	1.13E-01	6.07E-01	1.29E-01	1.55E-01	7.94E-03	4.31E+00	2.37E-01	1.92E-02
207	371371	3756798	Commercial	3.44E+01	3.50E+01	1.94E+00	1.09E-01	5.71E-01	1.23E-01	1.46E-01	7.61E-03	4.06E+00	2.26E-01	1.85E-02
208	371484	3756795	Commercial	3.27E+01	3.32E+01	1.83E+00	1.05E-01	5.40E-01	1.18E-01	1.39E-01	7.32E-03	3.84E+00	2.17E-01	1.77E-02
209	371595	3756793	Commercial	3.11E+01	3.15E+01	1.73E+00	1.02E-01	5.12E-01	1.13E-01	1.33E-01	7.00E-03	3.64E+00	2.07E-01	1.70E-02
210	371706	3756791	Commercial	2.95E+01	2.99E+01	1.64E+00	9.91E-02	4.85E-01	1.09E-01	1.26E-01	6.66E-03	3.45E+00	1.96E-01	1.61E-02
211	371818	3756788	Commercial	2.79E+01	2.84E+01	1.55E+00	9.61E-02	4.60E-01	1.05E-01	1.19E-01	6.30E-03	3.27E+00	1.86E-01	1.53E-02
212	371932	3756786	Commercial	2.65E+01	2.69E+01	1.47E+00	9.33E-02	4.35E-01	1.00E-01	1.12E-01	5.95E-03	3.09E+00	1.75E-01	1.44E-02
213	372046	3756783	Commercial	2.51E+01	2.54E+01	1.39E+00	9.07E-02	4.12E-01	9.66E-02	1.06E-01	5.61E-03	2.93E+00	1.65E-01	1.36E-02
214	372161	3756780	Commercial	2.38E+01	2.41E+01	1.32E+00	8.91E-02	3.91E-01	9.35E-02	1.01E-01	5.30E-03	2.78E+00	1.56E-01	1.28E-02
215	372275	3756778	Commercial	2.26E+01	2.30E+01	1.25E+00	8.84E-02	3.73E-01	9.13E-02	9.53E-02	5.00E-03	2.65E+00	1.48E-01	1.21E-02
216	372385	3756776	Commercial	2.17E+01	2.20E+01	1.20E+00	8.83E-02	3.56E-01	8.96E-02	9.07E-02	4.74E-03	2.54E+00	1.40E-01	1.15E-02
217	372494	3756773	Commercial	2.07E+01	2.10E+01	1.14E+00	8.84E-02	3.41E-01	8.83E-02	8.64E-02	4.50E-03	2.43E+00	1.33E-01	1.09E-02
218	372604	3756771	Commercial	1.99E+01	2.02E+01	1.10E+00	8.87E-02	3.28E-01	8.72E-02	8.24E-02	4.27E-03	2.34E+00	1.26E-01	1.04E-02
219	372714	3756768	Commercial	1.93E+01	1.96E+01	1.06E+00	8.93E-02	3.19E-01	8.66E-02	7.96E-02	4.10E-03	2.27E+00	1.21E-01	9.94E-03
220	372738	3756742	Commercial	1.94E+01	1.97E+01	1.06E+00	9.13E-02	3.20E-01	8.79E-02	7.96E-02	4.10E-03	2.28E+00	1.21E-01	9.93E-03
221	372733	3756647	Commercial	2.04E+01	2.07E+01	1.12E+00	9.97E-02	3.38E-01	9.50E-02	8.30E-02	4.19E-03	2.41E+00	1.24E-01	1.02E-02
222	372820	3756574	Commercial	2.07E+01	2.10E+01	1.14E+00	1.08E-01	3.44E-01	1.01E-01	8.29E-02	4.08E-03	2.45E+00	1.22E-01	9.89E-03
223	372844	3756548	Commercial	2.07E+01	2.10E+01	1.14E+00	1.11E-01	3.44E-01	1.03E-01	8.25E-02	4.04E-03	2.45E+00	1.21E-01	9.80E-03
224	372839	3756454	Commercial	2.19E+01	2.22E+01	1.21E+00	1.22E-01	3.68E-01	1.12E-01	8.58E-02	4.02E-03	2.62E+00	1.22E-01	9.73E-03
225	372821	3756363	Commercial	2.26E+01	2.29E+01	1.25E+00	1.39E-01	3.80E-01	1.24E-01	8.66E-02	3.96E-03	2.71E+00	1.21E-01	9.60E-03
226	372796	3756343	Commercial	2.29E+01	2.32E+01	1.26E+00	1.44E-01	3.87E-01	1.27E-01	8.75E-02	3.97E-03	2.76E+00	1.21E-01	9.63E-03
227	372731	3756328	Commercial	2.39E+01	2.42E+01	1.32E+00	1.52E-01	4.04E-01	1.34E-01	9.06E-02	4.05E-03	2.88E+00	1.24E-01	9.81E-03
228	372707	3756352	Commercial	2.46E+01	2.49E+01	1.37E+00	1.48E-01	4.18E-01	1.33E-01	9.36E-02	4.12E-03	2.98E+00	1.28E-01	9.98E-03
229	372928	3756344	Commercial	2.11E+01	2.14E+01	1.15E+00	1.35E-01	3.53E-01	1.18E-01	8.10E-02	3.79E-03	2.52E+00	1.14E-01	9.19E-03
230	372952	3756319	Commercial	2.07E+01	2.10E+01	1.13E+00	1.35E-01	3.47E-01	1.18E-01	7.96E-02	3.73E-03	2.48E+00	1.12E-01	9.04E-03

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
231	372951	3756245	Commercial	2.05E+01	2.08E+01	1.11E+00	1.42E-01	3.43E-01	1.22E-01	7.77E-02	3.62E-03	2.45E+00	1.09E-01	8.78E-03
232	372927	3756270	Commercial	2.08E+01	2.11E+01	1.13E+00	1.41E-01	3.48E-01	1.22E-01	7.93E-02	3.69E-03	2.49E+00	1.11E-01	8.95E-03
233	373033	3756268	Commercial	1.98E+01	2.00E+01	1.07E+00	1.33E-01	3.30E-01	1.15E-01	7.56E-02	3.56E-03	2.36E+00	1.07E-01	8.64E-03
234	373139	3756266	Commercial	1.89E+01	1.91E+01	1.02E+00	1.27E-01	3.14E-01	1.10E-01	7.24E-02	3.44E-03	2.24E+00	1.03E-01	8.34E-03
235	373245	3756264	Commercial	1.81E+01	1.83E+01	9.77E-01	1.22E-01	3.01E-01	1.05E-01	6.95E-02	3.33E-03	2.15E+00	9.91E-02	8.06E-03
236	373351	3756262	Commercial	1.74E+01	1.76E+01	9.37E-01	1.17E-01	2.88E-01	1.01E-01	6.68E-02	3.22E-03	2.06E+00	9.57E-02	7.80E-03
237	373457	3756261	Commercial	1.67E+01	1.69E+01	9.01E-01	1.12E-01	2.77E-01	9.68E-02	6.44E-02	3.11E-03	1.98E+00	9.25E-02	7.55E-03
238	373482	3756235	Commercial	1.66E+01	1.68E+01	8.92E-01	1.13E-01	2.75E-01	9.70E-02	6.36E-02	3.06E-03	1.96E+00	9.10E-02	7.42E-03
239	373480	3756123	Commercial	1.64E+01	1.66E+01	8.81E-01	1.18E-01	2.73E-01	1.00E-01	6.19E-02	2.91E-03	1.95E+00	8.70E-02	7.06E-03
240	373479	3756010	Commercial	1.59E+01	1.61E+01	8.55E-01	1.19E-01	2.66E-01	1.00E-01	5.92E-02	2.73E-03	1.90E+00	8.18E-02	6.61E-03
241	373477	3755897	Commercial	1.51E+01	1.53E+01	8.15E-01	1.16E-01	2.54E-01	9.69E-02	5.59E-02	2.52E-03	1.81E+00	7.60E-02	6.10E-03
242	373476	3755785	Commercial	1.46E+01	1.49E+01	7.88E-01	1.21E-01	2.47E-01	9.94E-02	5.28E-02	2.29E-03	1.77E+00	6.97E-02	5.55E-03
243	373474	3755672	Commercial	1.39E+01	1.42E+01	7.50E-01	1.22E-01	2.37E-01	9.88E-02	4.92E-02	2.06E-03	1.69E+00	6.31E-02	4.98E-03
244	373473	3755559	Commercial	1.30E+01	1.32E+01	7.02E-01	1.18E-01	2.22E-01	9.51E-02	4.52E-02	1.82E-03	1.59E+00	5.64E-02	4.40E-03
245	373447	3755535	Commercial	1.29E+01	1.31E+01	6.95E-01	1.18E-01	2.20E-01	9.47E-02	4.46E-02	1.77E-03	1.58E+00	5.52E-02	4.29E-03
246	373334	3755539	Commercial	1.34E+01	1.36E+01	7.20E-01	1.23E-01	2.28E-01	9.85E-02	4.59E-02	1.81E-03	1.63E+00	5.64E-02	4.38E-03
247	373221	3755544	Commercial	1.38E+01	1.40E+01	7.47E-01	1.28E-01	2.37E-01	1.03E-01	4.74E-02	1.84E-03	1.69E+00	5.77E-02	4.46E-03
248	373197	3755568	Commercial	1.42E+01	1.44E+01	7.66E-01	1.31E-01	2.43E-01	1.05E-01	4.87E-02	1.90E-03	1.74E+00	5.95E-02	4.61E-03
249	373196	3755636	Commercial	1.49E+01	1.51E+01	8.02E-01	1.36E-01	2.54E-01	1.09E-01	5.16E-02	2.07E-03	1.82E+00	6.41E-02	5.01E-03
250	373194	3755705	Commercial	1.55E+01	1.58E+01	8.34E-01	1.39E-01	2.64E-01	1.12E-01	5.43E-02	2.23E-03	1.89E+00	6.87E-02	5.40E-03
251	373220	3755680	Commercial	1.52E+01	1.54E+01	8.16E-01	1.37E-01	2.58E-01	1.10E-01	5.30E-02	2.16E-03	1.85E+00	6.67E-02	5.24E-03
252	373135	3755679	Commercial	1.56E+01	1.58E+01	8.39E-01	1.42E-01	2.66E-01	1.14E-01	5.42E-02	2.19E-03	1.90E+00	6.77E-02	5.30E-03
253	373160	3755704	Commercial	1.57E+01	1.59E+01	8.43E-01	1.42E-01	2.67E-01	1.14E-01	5.48E-02	2.24E-03	1.91E+00	6.91E-02	5.43E-03
254	373158	3755635	Commercial	1.51E+01	1.53E+01	8.11E-01	1.38E-01	2.57E-01	1.11E-01	5.21E-02	2.07E-03	1.84E+00	6.45E-02	5.02E-03
255	373156	3755566	Commercial	1.43E+01	1.46E+01	7.74E-01	1.33E-01	2.46E-01	1.06E-01	4.91E-02	1.91E-03	1.76E+00	5.98E-02	4.62E-03
256	373132	3755542	Commercial	1.42E+01	1.44E+01	7.65E-01	1.31E-01	2.43E-01	1.05E-01	4.83E-02	1.85E-03	1.74E+00	5.84E-02	4.49E-03
257	373055	3755538	Commercial	1.44E+01	1.46E+01	7.81E-01	1.34E-01	2.48E-01	1.08E-01	4.91E-02	1.86E-03	1.77E+00	5.88E-02	4.50E-03
258	373079	3755562	Commercial	1.46E+01	1.48E+01	7.90E-01	1.36E-01	2.51E-01	1.09E-01	4.99E-02	1.91E-03	1.79E+00	6.03E-02	4.64E-03
259	373077	3755465	Commercial	1.36E+01	1.38E+01	7.35E-01	1.28E-01	2.34E-01	1.02E-01	4.56E-02	1.68E-03	1.67E+00	5.37E-02	4.07E-03
260	373075	3755368	Commercial	1.28E+01	1.30E+01	6.87E-01	1.27E-01	2.20E-01	1.00E-01	4.24E-02	1.54E-03	1.57E+00	4.91E-02	3.73E-03
261	373073	3755271	Commercial	1.20E+01	1.22E+01	6.33E-01	1.23E-01	2.04E-01	9.63E-02	4.04E-02	1.61E-03	1.46E+00	4.94E-02	3.89E-03
262	373071	3755174	Commercial	1.13E+01	1.15E+01	5.87E-01	1.18E-01	1.90E-01	9.19E-02	3.88E-02	1.66E-03	1.36E+00	4.95E-02	4.03E-03
263	373046	3755149	Commercial	1.15E+01	1.16E+01	5.95E-01	1.17E-01	1.92E-01	9.16E-02	3.93E-02	1.69E-03	1.37E+00	5.05E-02	4.10E-03
264	372939	3755150	Commercial	1.19E+01	1.21E+01	6.22E-01	1.19E-01	2.00E-01	9.36E-02	4.12E-02	1.77E-03	1.43E+00	5.31E-02	4.30E-03
265	372832	3755151	Commercial	1.24E+01	1.26E+01	6.51E-01	1.21E-01	2.09E-01	9.55E-02	4.32E-02	1.86E-03	1.49E+00	5.58E-02	4.51E-03
266	372725	3755152	Commercial	1.29E+01	1.31E+01	6.82E-01	1.23E-01	2.18E-01	9.74E-02	4.52E-02	1.94E-03	1.56E+00	5.86E-02	4.71E-03
267	372623	3755157	Commercial	1.35E+01	1.37E+01	7.14E-01	1.24E-01	2.27E-01	9.94E-02	4.73E-02	2.03E-03	1.62E+00	6.13E-02	4.92E-03
268	372527	3755158	Commercial	1.40E+01	1.42E+01	7.46E-01	1.25E-01	2.36E-01	1.01E-01	4.94E-02	2.11E-03	1.69E+00	6.41E-02	5.11E-03
269	372431	3755159	Commercial	1.46E+01	1.48E+01	7.83E-01	1.27E-01	2.47E-01	1.03E-01	5.17E-02	2.19E-03	1.77E+00	6.69E-02	5.30E-03
270	372334	3755160	Commercial	1.52E+01	1.55E+01	8.25E-01	1.28E-01	2.59E-01	1.05E-01	5.43E-02	2.27E-03	1.85E+00	7.00E-02	5.50E-03
271	372237	3755161	Commercial	1.60E+01	1.62E+01	8.74E-01	1.28E-01	2.73E-01	1.06E-01	5.72E-02	2.35E-03	1.95E+00	7.32E-02	5.69E-03
272	372139	3755161	Commercial	1.69E+01	1.72E+01	9.35E-01	1.29E-01	2.91E-01	1.09E-01	6.06E-02	2.43E-03	2.07E+00	7.68E-02	5.89E-03
273	372040	3755162	Commercial	1.81E+01	1.83E+01	1.01E+00	1.30E-01	3.13E-01	1.11E-01	6.49E-02	2.51E-03	2.23E+00	8.09E-02	6.08E-03
274	371941	3755163	Commercial	1.96E+01	1.99E+01	1.12E+00	1.30E-01	3.43E-01	1.14E-01	7.03E-02	2.59E-03	2.44E+00	8.57E-02	6.27E-03
275	371843	3755164	Commercial	2.17E+01	2.20E+01	1.26E+00	1.30E-01	3.85E-01	1.19E-01	7.77E-02	2.66E-03	2.74E+00	9.17E-02	6.46E-03
276	371748	3755165	Commercial	2.44E+01	2.48E+01	1.46E+00	1.30E-01	4.40E-01	1.24E-01	8.74E-02	2.74E-03	3.13E+00	9.90E-02	6.63E-03
277	371653	3755165	Commercial	2.77E+01	2.81E+01	1.69E+00	1.30E-01	5.07E-01	1.31E-01	9.88E-02	2.80E-03	3.60E+00	1.07E-01	6.80E-03
278	371558	3755166	Commercial	4.90E+01	4.99E+01	3.23E+00	1.33E-01	9.45E-01	1.75E-01	1.71E-01	2.87E-03	6.68E+00	1.54E-01	6.96E-03
279	371463	3755167	Commercial	5.43E+01	5.53E+01	3.61E+00	1.35E-01	1.05E+00	1.88E-01	1.89E-01	2.93E-03	7.45E+00	1.66E-01	7.11E-03
280	371359	3755168	Commercial	6.56E+01	6.68E+01	4.42E+00	1.39E-01	1.28E+00	2.13E-01	2.27E-01	2.99E-03	9.08E+00	1.90E-01	7.26E-03
281	371256	3755169	Commercial	4.95E+01	5.04E+01	3.25E+00	1.41E-01	9.52E-01	1.81E-01	1.73E-01	3.05E-03	6.73E+00	1.58E-01	7.38E-03
282	371152	3755170	Commercial	3.27E+01	3.32E+01	2.02E+00	1.42E-01	6.04E-01	1.48E-01	1.17E-01	3.09E-03	4.28E+00	1.24E-01	7.48E-03
283	371049	3755171	Commercial	2.75E+01	2.80E+01	1.64E+00	1.45E-01	4.98E-01	1.39E-01	9.92E-02	3.11E-03	3.52E+00	1.13E-01	7.54E-03
284	371024	3755197	Commercial	2.71E+01	2.76E+01	1.61E+00	1.47E-01	4.88E-01	1.39E-01	9.81E-02	3.19E-03	3.45E+00	1.14E-01	7.74E-03
285	371028	3755273	Commercial	2.99E+01	3.04E+01	1.78E+00	1.53E-01	5.40E-01	1.48E-01	1.08E-01	3.41E-03	3.82E+00	1.24E-01	8.27E-03

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
286	371031	3755350	Commercial	3.04E+01	3.09E+01	1.80E+00	1.60E-01	5.46E-01	1.53E-01	1.10E-01	3.61E-03	3.86E+00	1.29E-01	8.75E-03
287	371020	3755376	Commercial	2.95E+01	3.00E+01	1.73E+00	1.63E-01	5.27E-01	1.53E-01	1.08E-01	3.68E-03	3.73E+00	1.28E-01	8.93E-03
288	371018	3755470	Commercial	2.92E+01	2.97E+01	1.67E+00	1.86E-01	5.14E-01	1.66E-01	1.06E-01	3.89E-03	3.64E+00	1.30E-01	9.44E-03
289	371017	3755556	Commercial	2.80E+01	2.85E+01	1.54E+00	2.14E-01	4.84E-01	1.80E-01	1.01E-01	4.04E-03	3.43E+00	1.29E-01	9.80E-03
290	371040	3755532	Commercial	2.96E+01	3.01E+01	1.67E+00	2.05E-01	5.17E-01	1.78E-01	1.06E-01	3.97E-03	3.67E+00	1.31E-01	9.62E-03
291	371026	3755420	Commercial	2.87E+01	2.92E+01	1.66E+00	1.74E-01	5.07E-01	1.58E-01	1.05E-01	3.78E-03	3.59E+00	1.28E-01	9.16E-03
292	371016	3755399	Commercial	2.89E+01	2.94E+01	1.68E+00	1.69E-01	5.13E-01	1.55E-01	1.06E-01	3.74E-03	3.63E+00	1.28E-01	9.07E-03
293	370916	3755327	Commercial	2.48E+01	2.52E+01	1.39E+00	1.61E-01	4.30E-01	1.42E-01	9.13E-02	3.63E-03	3.05E+00	1.17E-01	8.79E-03
294	370816	3755255	Commercial	2.23E+01	2.27E+01	1.23E+00	1.57E-01	3.83E-01	1.35E-01	8.19E-02	3.41E-03	2.72E+00	1.07E-01	8.26E-03
385	370885	3757751	Commercial	3.52E+01	3.57E+01	1.80E+00	1.48E-01	5.41E-01	1.44E-01	1.58E-01	9.99E-03	3.85E+00	2.76E-01	2.42E-02
386	370907	3757702	Commercial	3.57E+01	3.63E+01	1.83E+00	1.50E-01	5.50E-01	1.47E-01	1.61E-01	1.01E-02	3.91E+00	2.81E-01	2.46E-02
387	370945	3757670	Commercial	3.56E+01	3.61E+01	1.83E+00	1.50E-01	5.49E-01	1.47E-01	1.60E-01	1.01E-02	3.90E+00	2.79E-01	2.44E-02
388	371046	3757668	Commercial	3.44E+01	3.49E+01	1.78E+00	1.41E-01	5.34E-01	1.40E-01	1.54E-01	9.50E-03	3.80E+00	2.65E-01	2.30E-02
389	371046	3757585	Commercial	3.68E+01	3.73E+01	1.96E+00	1.44E-01	5.84E-01	1.47E-01	1.62E-01	9.48E-03	4.15E+00	2.69E-01	2.30E-02
390	371122	3757584	Commercial	3.61E+01	3.67E+01	1.94E+00	1.40E-01	5.79E-01	1.43E-01	1.57E-01	8.97E-03	4.11E+00	2.57E-01	2.17E-02
399	371970	3757842	Commercial	2.41E+01	2.44E+01	1.33E+00	9.17E-02	3.94E-01	9.54E-02	1.02E-01	5.43E-03	2.81E+00	1.59E-01	1.32E-02
400	372023	3757843	Commercial	2.35E+01	2.39E+01	1.30E+00	9.03E-02	3.87E-01	9.38E-02	9.93E-02	5.25E-03	2.75E+00	1.54E-01	1.27E-02
401	372020	3757552	Commercial	2.27E+01	2.30E+01	1.28E+00	9.23E-02	3.80E-01	9.44E-02	9.26E-02	4.53E-03	2.71E+00	1.37E-01	1.10E-02
402	372002	3757140	Commercial	2.35E+01	2.39E+01	1.26E+00	9.12E-02	3.77E-01	9.34E-02	1.02E-01	5.83E-03	2.68E+00	1.67E-01	1.41E-02
403	371514	3757136	Commercial	2.83E+01	2.87E+01	1.52E+00	1.10E-01	4.54E-01	1.12E-01	1.23E-01	7.03E-03	3.23E+00	2.01E-01	1.71E-02
404	371035	3757133	Commercial	4.26E+01	4.33E+01	2.42E+00	1.48E-01	7.15E-01	1.62E-01	1.77E-01	8.79E-03	5.08E+00	2.65E-01	2.13E-02
405	371034	3757085	Commercial	4.22E+01	4.28E+01	2.37E+00	1.46E-01	7.02E-01	1.59E-01	1.77E-01	9.01E-03	4.99E+00	2.69E-01	2.18E-02
406	370764	3757087	Commercial	5.53E+01	5.62E+01	3.20E+00	1.83E-01	9.45E-01	2.05E-01	2.26E-01	1.04E-02	6.71E+00	3.24E-01	2.53E-02
407	370754	3756818	Commercial	5.14E+01	5.23E+01	2.95E+00	1.37E-01	8.65E-01	1.69E-01	2.18E-01	1.09E-02	6.13E+00	3.31E-01	2.65E-02
408	371031	3756807	Commercial	4.21E+01	4.28E+01	2.39E+00	1.22E-01	7.04E-01	1.44E-01	1.79E-01	9.07E-03	5.00E+00	2.72E-01	2.20E-02
409	371033	3756780	Commercial	4.21E+01	4.28E+01	2.41E+00	1.19E-01	7.07E-01	1.43E-01	1.78E-01	8.95E-03	5.01E+00	2.70E-01	2.17E-02
410	371483	3756770	Commercial	3.28E+01	3.33E+01	1.84E+00	1.05E-01	5.42E-01	1.18E-01	1.40E-01	7.33E-03	3.85E+00	2.17E-01	1.78E-02
411	371817	3756763	Commercial	2.79E+01	2.84E+01	1.56E+00	9.63E-02	4.60E-01	1.05E-01	1.19E-01	6.27E-03	3.27E+00	1.85E-01	1.52E-02
412	372274	3756753	Commercial	2.26E+01	2.29E+01	1.25E+00	8.97E-02	3.72E-01	9.20E-02	9.47E-02	4.94E-03	2.65E+00	1.46E-01	1.20E-02
413	372713	3756743	Commercial	1.95E+01	1.97E+01	1.07E+00	9.10E-02	3.21E-01	8.79E-02	8.01E-02	4.13E-03	2.28E+00	1.22E-01	1.00E-02
414	372703	3756553	Commercial	2.28E+01	2.31E+01	1.28E+00	1.11E-01	3.84E-01	1.06E-01	9.06E-02	4.26E-03	2.73E+00	1.30E-01	1.03E-02
415	372819	3756549	Commercial	2.10E+01	2.13E+01	1.15E+00	1.11E-01	3.49E-01	1.03E-01	8.36E-02	4.08E-03	2.49E+00	1.22E-01	9.89E-03
416	372814	3756455	Commercial	2.23E+01	2.27E+01	1.24E+00	1.23E-01	3.77E-01	1.14E-01	8.73E-02	4.05E-03	2.68E+00	1.24E-01	9.83E-03
417	372797	3756368	Commercial	2.30E+01	2.33E+01	1.27E+00	1.39E-01	3.88E-01	1.25E-01	8.82E-02	4.00E-03	2.77E+00	1.22E-01	9.70E-03
418	372705	3756372	Commercial	2.49E+01	2.52E+01	1.40E+00	1.43E-01	4.24E-01	1.30E-01	9.51E-02	4.14E-03	3.02E+00	1.29E-01	1.00E-02
419	372706	3756327	Commercial	2.43E+01	2.46E+01	1.34E+00	1.54E-01	4.11E-01	1.36E-01	9.20E-02	4.08E-03	2.93E+00	1.26E-01	9.89E-03
420	372927	3756319	Commercial	2.10E+01	2.13E+01	1.15E+00	1.37E-01	3.52E-01	1.20E-01	8.06E-02	3.76E-03	2.51E+00	1.13E-01	9.12E-03
421	372926	3756245	Commercial	2.07E+01	2.10E+01	1.12E+00	1.44E-01	3.47E-01	1.24E-01	7.86E-02	3.65E-03	2.48E+00	1.10E-01	8.86E-03
422	373457	3756236	Commercial	1.67E+01	1.69E+01	9.00E-01	1.14E-01	2.77E-01	9.79E-02	6.41E-02	3.09E-03	1.98E+00	9.17E-02	7.48E-03
423	373448	3755560	Commercial	1.31E+01	1.33E+01	7.07E-01	1.19E-01	2.24E-01	9.59E-02	4.55E-02	1.82E-03	1.60E+00	5.66E-02	4.42E-03
424	373222	3755569	Commercial	1.41E+01	1.43E+01	7.60E-01	1.30E-01	2.41E-01	1.04E-01	4.84E-02	1.90E-03	1.72E+00	5.93E-02	4.60E-03
425	373219	3755705	Commercial	1.54E+01	1.56E+01	8.27E-01	1.38E-01	2.61E-01	1.11E-01	5.39E-02	2.22E-03	1.87E+00	6.84E-02	5.38E-03
426	373135	3755704	Commercial	1.58E+01	1.61E+01	8.51E-01	1.43E-01	2.69E-01	1.15E-01	5.52E-02	2.25E-03	1.93E+00	6.95E-02	5.46E-03
427	373131	3755567	Commercial	1.45E+01	1.47E+01	7.80E-01	1.34E-01	2.48E-01	1.07E-01	4.95E-02	1.91E-03	1.77E+00	6.01E-02	4.64E-03
428	373054	3755563	Commercial	1.47E+01	1.50E+01	7.97E-01	1.37E-01	2.53E-01	1.10E-01	5.03E-02	1.92E-03	1.81E+00	6.06E-02	4.66E-03
429	373046	3755174	Commercial	1.14E+01	1.16E+01	5.93E-01	1.19E-01	1.92E-01	9.25E-02	3.92E-02	1.68E-03	1.37E+00	5.01E-02	4.07E-03
430	372725	3755177	Commercial	1.29E+01	1.31E+01	6.81E-01	1.24E-01	2.18E-01	9.85E-02	4.51E-02	1.94E-03	1.56E+00	5.83E-02	4.70E-03
431	372624	3755182	Commercial	1.35E+01	1.37E+01	7.13E-01	1.26E-01	2.27E-01	1.01E-01	4.72E-02	2.02E-03	1.62E+00	6.11E-02	4.90E-03
432	372238	3755186	Commercial	1.60E+01	1.63E+01	8.74E-01	1.31E-01	2.74E-01	1.08E-01	5.72E-02	2.35E-03	1.95E+00	7.32E-02	5.71E-03
433	371843	3755189	Commercial	2.20E+01	2.23E+01	1.28E+00	1.33E-01	3.91E-01	1.21E-01	7.87E-02	2.68E-03	2.78E+00	9.25E-02	6.50E-03
434	371463	3755192	Commercial	6.54E+01	6.66E+01	4.41E+00	1.37E-01	1.28E+00	2.11E-01	2.26E-01	2.97E-03	9.06E+00	1.89E-01	7.21E-03
435	371049	3755196	Commercial	2.85E+01	2.90E+01	1.71E+00	1.47E-01	5.17E-01	1.42E-01	1.03E-01	3.18E-03	3.66E+00	1.17E-01	7.72E-03
436	371056	3755349	Commercial	3.22E+01	3.27E+01	1.94E+00	1.60E-01	5.84E-01	1.56E-01	1.16E-01	3.59E-03	4.13E+00	1.32E-01	8.69E-03
437	371043	3755384	Commercial	3.10E+01	3.15E+01	1.84E+00	1.65E-01	5.57E-01	1.57E-01	1.12E-01	3.68E-03	3.94E+00	1.31E-01	8.92E-03
438	371042	3755556	Commercial	2.86E+01	2.91E+01	1.59E+00	2.13E-01	4.96E-01	1.81E-01	1.03E-01	4.00E-03	3.52E+00	1.29E-01	9.69E-03

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
439	370996	3755560	Commercial	2.74E+01	2.78E+01	1.49E+00	2.15E-01	4.69E-01	1.80E-01	9.91E-02	4.09E-03	3.33E+00	1.28E-01	9.91E-03
440	371001	3755419	Commercial	2.76E+01	2.80E+01	1.57E+00	1.73E-01	4.83E-01	1.55E-01	1.01E-01	3.81E-03	3.42E+00	1.26E-01	9.23E-03
441	370801	3755276	Commercial	2.27E+01	2.31E+01	1.26E+00	1.59E-01	3.90E-01	1.37E-01	8.33E-02	3.48E-03	2.77E+00	1.09E-01	8.45E-03
1	372249	3757612	Residence	2.02E+01	2.05E+01	1.13E+00	8.57E-02	3.37E-01	8.61E-02	8.28E-02	4.12E-03	2.40E+00	1.23E-01	9.98E-03
2	372499	3757612	Residence	1.77E+01	1.80E+01	9.64E-01	7.93E-02	2.89E-01	7.75E-02	7.40E-02	3.96E-03	2.06E+00	1.15E-01	9.59E-03
3	372249	3757862	Residence	2.13E+01	2.16E+01	1.18E+00	8.43E-02	3.52E-01	8.67E-02	8.87E-02	4.56E-03	2.51E+00	1.35E-01	1.11E-02
4	372499	3757862	Residence	1.88E+01	1.91E+01	1.05E+00	7.89E-02	3.14E-01	7.96E-02	7.71E-02	3.84E-03	2.23E+00	1.15E-01	9.31E-03
5	372249	3758112	Residence	2.09E+01	2.13E+01	1.14E+00	7.96E-02	3.38E-01	8.24E-02	9.05E-02	5.06E-03	2.40E+00	1.46E-01	1.23E-02
6	372499	3758112	Residence	1.92E+01	1.95E+01	1.05E+00	7.32E-02	3.13E-01	7.60E-02	8.17E-02	4.42E-03	2.23E+00	1.29E-01	1.07E-02
7	372249	3758362	Residence	1.94E+01	1.97E+01	1.02E+00	7.80E-02	3.05E-01	7.83E-02	8.58E-02	5.12E-03	2.17E+00	1.44E-01	1.24E-02
8	372499	3758362	Residence	1.86E+01	1.88E+01	9.94E-01	7.33E-02	2.96E-01	7.44E-02	8.09E-02	4.67E-03	2.11E+00	1.33E-01	1.13E-02
9	373793	3755335	Residence	1.01E+01	1.03E+01	5.44E-01	9.54E-02	1.73E-01	7.62E-02	3.46E-02	1.34E-03	1.24E+00	4.20E-02	3.26E-03
10	374093	3755335	Residence	9.56E+00	9.70E+00	5.12E-01	8.92E-02	1.63E-01	7.14E-02	3.29E-02	1.32E-03	1.17E+00	4.08E-02	3.19E-03
11	373793	3755710	Residence	1.29E+01	1.31E+01	6.94E-01	1.06E-01	2.18E-01	8.73E-02	4.65E-02	2.02E-03	1.56E+00	6.14E-02	4.89E-03
12	374093	3755710	Residence	1.19E+01	1.20E+01	6.39E-01	9.44E-02	2.00E-01	7.81E-02	4.33E-02	1.92E-03	1.43E+00	5.81E-02	4.64E-03
13	373793	3756085	Residence	1.46E+01	1.49E+01	7.88E-01	1.04E-01	2.44E-01	8.87E-02	5.56E-02	2.63E-03	1.74E+00	7.85E-02	6.38E-03
14	374093	3756085	Residence	1.34E+01	1.36E+01	7.19E-01	9.33E-02	2.22E-01	7.97E-02	5.11E-02	2.44E-03	1.59E+00	7.27E-02	5.93E-03
15	373793	3756460	Residence	1.46E+01	1.48E+01	7.83E-01	8.79E-02	2.39E-01	7.80E-02	5.80E-02	2.96E-03	1.71E+00	8.67E-02	7.17E-03
16	374093	3756460	Residence	1.34E+01	1.36E+01	7.17E-01	8.19E-02	2.19E-01	7.23E-02	5.32E-02	2.72E-03	1.56E+00	7.97E-02	6.60E-03
17	373793	3756835	Residence	1.42E+01	1.44E+01	7.75E-01	7.81E-02	2.35E-01	7.15E-02	5.70E-02	2.86E-03	1.68E+00	8.47E-02	6.94E-03
18	374093	3756835	Residence	1.31E+01	1.33E+01	7.09E-01	7.44E-02	2.16E-01	6.73E-02	5.23E-02	2.64E-03	1.54E+00	7.79E-02	6.40E-03
19	373793	3757210	Residence	1.41E+01	1.43E+01	7.62E-01	6.80E-02	2.29E-01	6.47E-02	5.91E-02	3.20E-03	1.63E+00	9.28E-02	7.76E-03
20	374093	3757210	Residence	1.31E+01	1.33E+01	7.10E-01	6.46E-02	2.14E-01	6.10E-02	5.46E-02	2.93E-03	1.52E+00	8.51E-02	7.10E-03
21	373793	3757585	Residence	1.27E+01	1.29E+01	6.70E-01	6.31E-02	2.02E-01	5.89E-02	5.42E-02	3.11E-03	1.44E+00	8.84E-02	7.55E-03
22	374093	3757585	Residence	1.21E+01	1.23E+01	6.41E-01	6.10E-02	1.93E-01	5.68E-02	5.14E-02	2.92E-03	1.38E+00	8.30E-02	7.07E-03
23	373793	3757960	Residence	1.08E+01	1.09E+01	5.62E-01	6.04E-02	1.71E-01	5.43E-02	4.51E-02	2.58E-03	1.22E+00	7.29E-02	6.24E-03
24	374093	3757960	Residence	1.01E+01	1.02E+01	5.18E-01	5.81E-02	1.58E-01	5.16E-02	4.26E-02	2.50E-03	1.13E+00	7.00E-02	6.05E-03
25	373793	3758335	Residence	1.18E+01	1.19E+01	6.53E-01	5.66E-02	1.96E-01	5.43E-02	4.74E-02	2.34E-03	1.40E+00	7.00E-02	5.66E-03
26	374093	3758335	Residence	1.05E+01	1.06E+01	5.77E-01	5.47E-02	1.74E-01	5.10E-02	4.18E-02	2.05E-03	1.24E+00	6.14E-02	4.98E-03
27	373793	3758710	Residence	1.26E+01	1.28E+01	6.90E-01	5.38E-02	2.06E-01	5.35E-02	5.33E-02	2.86E-03	1.47E+00	8.35E-02	6.94E-03
28	374093	3758710	Residence	1.14E+01	1.16E+01	6.29E-01	5.08E-02	1.88E-01	4.99E-02	4.75E-02	2.48E-03	1.34E+00	7.30E-02	6.01E-03
30	367278	3755614	Residence	4.69E+01	4.76E+01	2.62E+00	1.14E-01	7.64E-01	1.46E-01	2.07E-01	1.14E-02	5.43E+00	3.33E-01	2.75E-02
31	367231	3755722	Residence	4.91E+01	4.99E+01	2.75E+00	1.16E-01	8.01E-01	1.51E-01	2.17E-01	1.19E-02	5.69E+00	3.49E-01	2.88E-02
32	367185	3755830	Residence	4.99E+01	5.06E+01	2.80E+00	1.19E-01	8.15E-01	1.54E-01	2.19E-01	1.19E-02	5.80E+00	3.51E-01	2.89E-02
33	367138	3755938	Residence	5.04E+01	5.12E+01	2.86E+00	1.22E-01	8.34E-01	1.57E-01	2.19E-01	1.14E-02	5.93E+00	3.41E-01	2.77E-02
34	367091	3756047	Residence	4.82E+01	4.89E+01	2.68E+00	1.26E-01	7.83E-01	1.55E-01	2.13E-01	1.18E-02	5.57E+00	3.44E-01	2.85E-02
35	367048	3756147	Residence	4.68E+01	4.75E+01	2.56E+00	1.31E-01	7.51E-01	1.55E-01	2.08E-01	1.18E-02	5.34E+00	3.42E-01	2.87E-02
36	367005	3756247	Residence	4.36E+01	4.42E+01	2.34E+00	1.38E-01	6.89E-01	1.53E-01	1.95E-01	1.15E-02	4.91E+00	3.27E-01	2.79E-02
37	366962	3756348	Residence	4.08E+01	4.14E+01	2.15E+00	1.44E-01	6.37E-01	1.52E-01	1.84E-01	1.12E-02	4.53E+00	3.15E-01	2.72E-02
38	366918	3756450	Residence	3.86E+01	3.92E+01	1.99E+00	1.50E-01	5.93E-01	1.51E-01	1.76E-01	1.11E-02	4.23E+00	3.08E-01	2.69E-02
39	366874	3756551	Residence	3.64E+01	3.69E+01	1.85E+00	1.53E-01	5.53E-01	1.49E-01	1.66E-01	1.06E-02	3.94E+00	2.93E-01	2.58E-02
40	366830	3756653	Residence	3.45E+01	3.50E+01	1.73E+00	1.57E-01	5.20E-01	1.48E-01	1.58E-01	1.03E-02	3.71E+00	2.82E-01	2.50E-02
41	366840	3756685	Residence	3.43E+01	3.47E+01	1.70E+00	1.59E-01	5.14E-01	1.49E-01	1.57E-01	1.04E-02	3.66E+00	2.83E-01	2.52E-02
42	366890	3756714	Residence	3.45E+01	3.50E+01	1.70E+00	1.64E-01	5.15E-01	1.53E-01	1.59E-01	1.06E-02	3.67E+00	2.87E-01	2.57E-02
43	366879	3756683	Residence	3.48E+01	3.53E+01	1.73E+00	1.62E-01	5.21E-01	1.52E-01	1.60E-01	1.06E-02	3.71E+00	2.88E-01	2.56E-02
44	366852	3756751	Residence	3.36E+01	3.40E+01	1.65E+00	1.62E-01	4.99E-01	1.49E-01	1.54E-01	1.03E-02	3.56E+00	2.80E-01	2.50E-02
45	366884	3756737	Residence	3.42E+01	3.46E+01	1.68E+00	1.64E-01	5.08E-01	1.52E-01	1.57E-01	1.05E-02	3.62E+00	2.85E-01	2.55E-02
46	366821	3756715	Residence	3.37E+01	3.41E+01	1.67E+00	1.59E-01	5.03E-01	1.48E-01	1.54E-01	1.03E-02	3.59E+00	2.79E-01	2.49E-02
47	366790	3756728	Residence	3.31E+01	3.36E+01	1.64E+00	1.57E-01	4.95E-01	1.46E-01	1.52E-01	1.01E-02	3.53E+00	2.74E-01	2.45E-02
48	366745	3756823	Residence	3.12E+01	3.16E+01	1.53E+00	1.55E-01	4.64E-01	1.42E-01	1.43E-01	9.63E-03	3.31E+00	2.61E-01	2.33E-02
49	366700	3756919	Residence	2.92E+01	2.96E+01	1.42E+00	1.53E-01	4.32E-01	1.37E-01	1.33E-01	9.00E-03	3.08E+00	2.43E-01	2.18E-02
50	366655	3757014	Residence	2.80E+01	2.83E+01	1.38E+00	1.49E-01	4.20E-01	1.34E-01	1.26E-01	8.22E-03	3.00E+00	2.24E-01	1.99E-02
51	366608	3757113	Residence	2.74E+01	2.78E+01	1.37E+00	1.45E-01	4.17E-01	1.31E-01	1.22E-01	7.73E-03	2.98E+00	2.12E-01	1.87E-02
52	366561	3757212	Residence	2.74E+01	2.78E+01	1.37E+00	1.40E-01	4.14E-01	1.27E-01	1.23E-01	7.99E-03	2.95E+00	2.18E-01	1.94E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
53	366514	3757311	Residence	2.73E+01	2.77E+01	1.36E+00	1.34E-01	4.10E-01	1.23E-01	1.24E-01	8.12E-03	2.93E+00	2.21E-01	1.97E-02
54	366464	3757416	Residence	2.71E+01	2.74E+01	1.34E+00	1.28E-01	4.06E-01	1.19E-01	1.23E-01	8.13E-03	2.89E+00	2.21E-01	1.97E-02
55	366415	3757520	Residence	2.67E+01	2.70E+01	1.33E+00	1.23E-01	4.01E-01	1.16E-01	1.22E-01	8.00E-03	2.86E+00	2.18E-01	1.94E-02
56	366434	3757556	Residence	2.69E+01	2.72E+01	1.34E+00	1.23E-01	4.04E-01	1.16E-01	1.23E-01	8.04E-03	2.88E+00	2.20E-01	1.95E-02
57	366484	3757562	Residence	2.73E+01	2.77E+01	1.36E+00	1.25E-01	4.11E-01	1.18E-01	1.25E-01	8.19E-03	2.93E+00	2.24E-01	1.98E-02
58	366567	3757525	Residence	2.82E+01	2.85E+01	1.40E+00	1.30E-01	4.23E-01	1.22E-01	1.29E-01	8.50E-03	3.01E+00	2.32E-01	2.06E-02
59	366621	3757539	Residence	2.87E+01	2.91E+01	1.43E+00	1.31E-01	4.30E-01	1.24E-01	1.31E-01	8.66E-03	3.07E+00	2.36E-01	2.10E-02
60	366646	3757556	Residence	2.89E+01	2.93E+01	1.44E+00	1.32E-01	4.34E-01	1.24E-01	1.32E-01	8.70E-03	3.10E+00	2.37E-01	2.11E-02
61	366713	3757550	Residence	2.96E+01	3.00E+01	1.48E+00	1.34E-01	4.44E-01	1.27E-01	1.36E-01	8.91E-03	3.17E+00	2.43E-01	2.16E-02
62	366779	3757545	Residence	3.03E+01	3.07E+01	1.51E+00	1.36E-01	4.55E-01	1.29E-01	1.39E-01	9.13E-03	3.24E+00	2.49E-01	2.21E-02
63	366839	3757583	Residence	3.08E+01	3.12E+01	1.55E+00	1.36E-01	4.65E-01	1.30E-01	1.41E-01	9.15E-03	3.32E+00	2.51E-01	2.22E-02
64	366913	3757623	Residence	3.15E+01	3.20E+01	1.60E+00	1.37E-01	4.81E-01	1.32E-01	1.43E-01	9.10E-03	3.43E+00	2.51E-01	2.21E-02
65	366986	3757664	Residence	3.24E+01	3.28E+01	1.67E+00	1.37E-01	5.01E-01	1.34E-01	1.45E-01	8.94E-03	3.57E+00	2.49E-01	2.17E-02
66	367074	3757713	Residence	3.35E+01	3.40E+01	1.78E+00	1.35E-01	5.31E-01	1.36E-01	1.47E-01	8.61E-03	3.78E+00	2.45E-01	2.09E-02
67	367162	3757761	Residence	3.43E+01	3.48E+01	1.87E+00	1.33E-01	5.56E-01	1.37E-01	1.48E-01	8.13E-03	3.95E+00	2.36E-01	1.97E-02
68	367300	3757718	Residence	4.14E+01	4.20E+01	2.34E+00	1.40E-01	6.93E-01	1.55E-01	1.73E-01	8.56E-03	4.92E+00	2.60E-01	2.07E-02
69	367385	3757734	Residence	4.18E+01	4.24E+01	2.39E+00	1.41E-01	7.05E-01	1.57E-01	1.73E-01	8.28E-03	5.01E+00	2.54E-01	2.01E-02
70	367398	3757758	Residence	3.80E+01	3.86E+01	2.14E+00	1.39E-01	6.34E-01	1.48E-01	1.59E-01	7.94E-03	4.50E+00	2.40E-01	1.93E-02
71	367506	3757818	Residence	2.63E+01	2.66E+01	1.33E+00	1.34E-01	4.03E-01	1.22E-01	1.16E-01	7.32E-03	2.87E+00	2.02E-01	1.77E-02
72	367533	3757826	Residence	2.60E+01	2.63E+01	1.29E+00	1.33E-01	3.92E-01	1.21E-01	1.17E-01	7.56E-03	2.80E+00	2.06E-01	1.83E-02
73	367561	3757814	Residence	2.63E+01	2.67E+01	1.31E+00	1.34E-01	3.97E-01	1.22E-01	1.19E-01	7.75E-03	2.83E+00	2.11E-01	1.88E-02
78	367786	3757842	Residence	2.60E+01	2.64E+01	1.18E+00	1.35E-01	3.61E-01	1.19E-01	1.27E-01	9.54E-03	2.58E+00	2.49E-01	2.31E-02
79	367782	3757935	Residence	2.58E+01	2.62E+01	1.18E+00	1.28E-01	3.61E-01	1.15E-01	1.26E-01	9.36E-03	2.57E+00	2.46E-01	2.27E-02
80	367752	3757969	Residence	2.53E+01	2.57E+01	1.16E+00	1.26E-01	3.55E-01	1.13E-01	1.23E-01	9.11E-03	2.53E+00	2.40E-01	2.21E-02
81	367775	3758021	Residence	2.57E+01	2.60E+01	1.20E+00	1.22E-01	3.63E-01	1.12E-01	1.24E-01	9.07E-03	2.59E+00	2.40E-01	2.20E-02
82	367808	3758034	Residence	2.61E+01	2.65E+01	1.23E+00	1.22E-01	3.72E-01	1.12E-01	1.26E-01	9.15E-03	2.65E+00	2.42E-01	2.22E-02
83	367866	3758009	Residence	2.71E+01	2.74E+01	1.27E+00	1.23E-01	3.86E-01	1.14E-01	1.31E-01	9.46E-03	2.75E+00	2.51E-01	2.29E-02
84	367924	3757985	Residence	2.80E+01	2.84E+01	1.32E+00	1.24E-01	4.00E-01	1.16E-01	1.35E-01	9.78E-03	2.85E+00	2.60E-01	2.37E-02
85	367938	3757954	Residence	2.84E+01	2.88E+01	1.34E+00	1.26E-01	4.04E-01	1.18E-01	1.38E-01	1.00E-02	2.88E+00	2.65E-01	2.42E-02
86	367928	3757923	Residence	2.84E+01	2.87E+01	1.32E+00	1.29E-01	4.01E-01	1.19E-01	1.38E-01	1.01E-02	2.85E+00	2.68E-01	2.46E-02
87	367915	3757953	Residence	2.80E+01	2.84E+01	1.31E+00	1.26E-01	3.98E-01	1.17E-01	1.36E-01	9.92E-03	2.83E+00	2.63E-01	2.40E-02
88	368017	3757908	Residence	2.99E+01	3.03E+01	1.41E+00	1.29E-01	4.26E-01	1.22E-01	1.45E-01	1.05E-02	3.03E+00	2.80E-01	2.56E-02
89	368119	3757863	Residence	3.20E+01	3.24E+01	1.52E+00	1.32E-01	4.57E-01	1.27E-01	1.55E-01	1.12E-02	3.25E+00	2.97E-01	2.71E-02
90	368180	3757839	Residence	3.32E+01	3.36E+01	1.59E+00	1.33E-01	4.77E-01	1.29E-01	1.61E-01	1.15E-02	3.39E+00	3.07E-01	2.79E-02
91	368242	3757814	Residence	3.52E+01	3.56E+01	1.66E+00	1.35E-01	4.98E-01	1.32E-01	1.73E-01	1.27E-02	3.54E+00	3.37E-01	3.08E-02
92	368318	3757785	Residence	3.77E+01	3.82E+01	1.76E+00	1.36E-01	5.25E-01	1.36E-01	1.89E-01	1.42E-02	3.74E+00	3.75E-01	3.45E-02
93	368407	3757788	Residence	4.03E+01	4.08E+01	1.85E+00	1.35E-01	5.51E-01	1.38E-01	2.07E-01	1.59E-02	3.92E+00	4.17E-01	3.86E-02
94	368505	3757789	Residence	4.26E+01	4.32E+01	1.93E+00	1.33E-01	5.74E-01	1.39E-01	2.22E-01	1.75E-02	4.09E+00	4.56E-01	4.23E-02
95	368603	3757790	Residence	4.41E+01	4.47E+01	1.99E+00	1.32E-01	5.90E-01	1.40E-01	2.32E-01	1.84E-02	4.20E+00	4.78E-01	4.45E-02
96	368628	3757765	Residence	4.53E+01	4.58E+01	2.04E+00	1.35E-01	6.05E-01	1.43E-01	2.38E-01	1.89E-02	4.30E+00	4.92E-01	4.58E-02
97	368676	3757781	Residence	4.49E+01	4.55E+01	2.03E+00	1.34E-01	6.01E-01	1.42E-01	2.36E-01	1.87E-02	4.28E+00	4.86E-01	4.53E-02
98	368759	3757821	Residence	4.55E+01	4.61E+01	2.15E+00	1.32E-01	6.36E-01	1.44E-01	2.31E-01	1.73E-02	4.52E+00	4.58E-01	4.19E-02
99	368839	3757872	Residence	4.68E+01	4.74E+01	2.33E+00	1.29E-01	6.85E-01	1.47E-01	2.28E-01	1.59E-02	4.88E+00	4.30E-01	3.85E-02
100	368921	3757924	Residence	4.80E+01	4.86E+01	2.42E+00	1.26E-01	7.10E-01	1.47E-01	2.33E-01	1.59E-02	5.05E+00	4.33E-01	3.86E-02
101	369004	3757976	Residence	4.70E+01	4.77E+01	2.40E+00	1.22E-01	7.03E-01	1.44E-01	2.26E-01	1.52E-02	5.01E+00	4.15E-01	3.67E-02
102	369038	3757969	Residence	4.72E+01	4.78E+01	2.42E+00	1.22E-01	7.08E-01	1.45E-01	2.26E-01	1.51E-02	5.04E+00	4.13E-01	3.65E-02
103	369101	3757878	Residence	5.07E+01	5.14E+01	2.62E+00	1.27E-01	7.65E-01	1.54E-01	2.41E-01	1.59E-02	5.45E+00	4.38E-01	3.86E-02
104	369067	3757885	Residence	5.07E+01	5.14E+01	2.60E+00	1.27E-01	7.61E-01	1.53E-01	2.43E-01	1.62E-02	5.42E+00	4.44E-01	3.92E-02
105	369139	3757930	Residence	4.74E+01	4.80E+01	2.46E+00	1.24E-01	7.21E-01	1.47E-01	2.23E-01	1.45E-02	5.14E+00	4.01E-01	3.52E-02
106	369211	3757974	Residence	4.28E+01	4.34E+01	2.25E+00	1.22E-01	6.59E-01	1.40E-01	1.99E-01	1.26E-02	4.70E+00	3.50E-01	3.05E-02
107	369243	3757968	Residence	4.17E+01	4.23E+01	2.20E+00	1.23E-01	6.46E-01	1.39E-01	1.92E-01	1.20E-02	4.60E+00	3.34E-01	2.90E-02
108	369305	3757894	Residence	4.23E+01	4.29E+01	2.27E+00	1.28E-01	6.67E-01	1.45E-01	1.91E-01	1.14E-02	4.75E+00	3.24E-01	2.77E-02
109	369366	3757820	Residence	4.50E+01	4.57E+01	2.51E+00	1.34E-01	7.36E-01	1.55E-01	1.95E-01	1.06E-02	5.24E+00	3.11E-01	2.58E-02
110	369436	3757794	Residence	4.55E+01	4.62E+01	2.64E+00	1.37E-01	7.74E-01	1.60E-01	1.87E-01	8.78E-03	5.51E+00	2.71E-01	2.13E-02
111	369435	3757760	Residence	4.70E+01	4.77E+01	2.73E+00	1.40E-01	7.99E-01	1.65E-01	1.94E-01	9.15E-03	5.69E+00	2.82E-01	2.22E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
112	369251	3758017	Residence	3.91E+01	3.97E+01	2.06E+00	1.20E-01	6.05E-01	1.33E-01	1.80E-01	1.12E-02	4.31E+00	3.13E-01	2.72E-02
113	369344	3758083	Residence	3.66E+01	3.71E+01	2.02E+00	1.16E-01	5.96E-01	1.30E-01	1.58E-01	8.63E-03	4.24E+00	2.52E-01	2.09E-02
114	369437	3758148	Residence	3.36E+01	3.42E+01	1.95E+00	1.13E-01	5.74E-01	1.26E-01	1.37E-01	6.32E-03	4.09E+00	1.96E-01	1.53E-02
115	369429	3758218	Residence	3.21E+01	3.26E+01	1.85E+00	1.09E-01	5.46E-01	1.21E-01	1.31E-01	6.13E-03	3.89E+00	1.89E-01	1.48E-02
116	369432	3758306	Residence	3.01E+01	3.05E+01	1.74E+00	1.05E-01	5.12E-01	1.15E-01	1.22E-01	5.68E-03	3.65E+00	1.75E-01	1.38E-02
117	369435	3758395	Residence	2.83E+01	2.87E+01	1.63E+00	1.01E-01	4.82E-01	1.10E-01	1.14E-01	5.30E-03	3.43E+00	1.64E-01	1.28E-02
118	369460	3758419	Residence	2.74E+01	2.78E+01	1.60E+00	1.00E-01	4.71E-01	1.08E-01	1.09E-01	4.86E-03	3.36E+00	1.53E-01	1.18E-02
119	369558	3758419	Residence	2.61E+01	2.65E+01	1.52E+00	1.01E-01	4.52E-01	1.07E-01	1.03E-01	4.42E-03	3.22E+00	1.40E-01	1.07E-02
120	369657	3758419	Residence	2.47E+01	2.51E+01	1.41E+00	1.02E-01	4.21E-01	1.04E-01	9.91E-02	4.60E-03	3.00E+00	1.41E-01	1.12E-02
121	369755	3758419	Residence	2.29E+01	2.33E+01	1.28E+00	1.01E-01	3.82E-01	1.00E-01	9.33E-02	4.64E-03	2.72E+00	1.39E-01	1.13E-02
122	369853	3758419	Residence	2.07E+01	2.11E+01	1.13E+00	1.00E-01	3.40E-01	9.54E-02	8.57E-02	4.55E-03	2.42E+00	1.32E-01	1.10E-02
123	369878	3758394	Residence	2.05E+01	2.08E+01	1.10E+00	1.01E-01	3.34E-01	9.52E-02	8.49E-02	4.57E-03	2.37E+00	1.32E-01	1.11E-02
124	369877	3758289	Residence	2.19E+01	2.23E+01	1.19E+00	1.05E-01	3.58E-01	1.00E-01	9.09E-02	4.87E-03	2.55E+00	1.41E-01	1.18E-02
125	369876	3758183	Residence	2.36E+01	2.40E+01	1.29E+00	1.10E-01	3.88E-01	1.06E-01	9.79E-02	5.17E-03	2.76E+00	1.51E-01	1.25E-02
126	369962	3758103	Residence	2.39E+01	2.43E+01	1.24E+00	1.14E-01	3.74E-01	1.07E-01	1.05E-01	6.37E-03	2.66E+00	1.78E-01	1.54E-02
127	370075	3758103	Residence	2.24E+01	2.27E+01	1.06E+00	1.16E-01	3.25E-01	1.04E-01	1.05E-01	7.43E-03	2.31E+00	1.97E-01	1.80E-02
128	370187	3758103	Residence	2.32E+01	2.35E+01	1.07E+00	1.18E-01	3.27E-01	1.05E-01	1.11E-01	8.22E-03	2.33E+00	2.16E-01	1.99E-02
129	370299	3758103	Residence	2.31E+01	2.34E+01	1.03E+00	1.19E-01	3.19E-01	1.05E-01	1.14E-01	8.70E-03	2.26E+00	2.27E-01	2.11E-02
136	370506	3758113	Residence	2.46E+01	2.49E+01	1.14E+00	1.18E-01	3.47E-01	1.07E-01	1.19E-01	8.78E-03	2.47E+00	2.31E-01	2.13E-02
137	370601	3758113	Residence	2.53E+01	2.57E+01	1.20E+00	1.17E-01	3.66E-01	1.09E-01	1.21E-01	8.58E-03	2.60E+00	2.29E-01	2.08E-02
138	370696	3758114	Residence	2.65E+01	2.68E+01	1.31E+00	1.18E-01	3.94E-01	1.12E-01	1.23E-01	8.27E-03	2.80E+00	2.24E-01	2.00E-02
139	370791	3758114	Residence	3.00E+01	3.04E+01	1.58E+00	1.17E-01	4.74E-01	1.19E-01	1.33E-01	7.85E-03	3.36E+00	2.22E-01	1.90E-02
140	370886	3758114	Residence	3.37E+01	3.43E+01	1.88E+00	1.15E-01	5.56E-01	1.26E-01	1.44E-01	7.54E-03	3.95E+00	2.24E-01	1.83E-02
154	371170	3757732	Residence	3.21E+01	3.26E+01	1.67E+00	1.30E-01	5.00E-01	1.29E-01	1.43E-01	8.79E-03	3.56E+00	2.46E-01	2.13E-02
155	371240	3757783	Residence	3.06E+01	3.11E+01	1.59E+00	1.24E-01	4.77E-01	1.24E-01	1.37E-01	8.42E-03	3.39E+00	2.35E-01	2.04E-02
156	371264	3757808	Residence	3.00E+01	3.05E+01	1.56E+00	1.22E-01	4.67E-01	1.21E-01	1.34E-01	8.29E-03	3.32E+00	2.31E-01	2.01E-02
157	371372	3757807	Residence	2.95E+01	2.99E+01	1.56E+00	1.16E-01	4.64E-01	1.17E-01	1.31E-01	7.82E-03	3.30E+00	2.20E-01	1.89E-02
158	371385	3757827	Residence	2.91E+01	2.95E+01	1.53E+00	1.15E-01	4.57E-01	1.16E-01	1.29E-01	7.76E-03	3.25E+00	2.18E-01	1.88E-02
159	371485	3757895	Residence	2.75E+01	2.79E+01	1.45E+00	1.09E-01	4.32E-01	1.10E-01	1.22E-01	7.34E-03	3.07E+00	2.07E-01	1.78E-02
160	371585	3757964	Residence	2.61E+01	2.65E+01	1.37E+00	1.03E-01	4.09E-01	1.04E-01	1.16E-01	6.96E-03	2.91E+00	1.96E-01	1.69E-02
161	371684	3758032	Residence	2.47E+01	2.51E+01	1.30E+00	9.81E-02	3.88E-01	9.88E-02	1.10E-01	6.61E-03	2.76E+00	1.86E-01	1.60E-02
162	371784	3758101	Residence	2.35E+01	2.38E+01	1.23E+00	9.36E-02	3.69E-01	9.41E-02	1.04E-01	6.29E-03	2.62E+00	1.77E-01	1.52E-02
163	371818	3758095	Residence	2.34E+01	2.38E+01	1.24E+00	9.27E-02	3.69E-01	9.36E-02	1.04E-01	6.20E-03	2.62E+00	1.75E-01	1.50E-02
164	371873	3758022	Residence	2.39E+01	2.42E+01	1.28E+00	9.15E-02	3.80E-01	9.40E-02	1.04E-01	6.05E-03	2.71E+00	1.72E-01	1.47E-02
165	371928	3757949	Residence	2.40E+01	2.43E+01	1.30E+00	8.93E-02	3.86E-01	9.32E-02	1.04E-01	5.80E-03	2.75E+00	1.67E-01	1.41E-02
166	371969	3757946	Residence	2.36E+01	2.40E+01	1.29E+00	8.77E-02	3.82E-01	9.17E-02	1.02E-01	5.66E-03	2.72E+00	1.64E-01	1.37E-02
167	371989	3757924	Residence	2.36E+01	2.39E+01	1.29E+00	8.81E-02	3.83E-01	9.21E-02	1.01E-01	5.55E-03	2.73E+00	1.61E-01	1.35E-02
295	370737	3755244	Residence	2.49E+01	2.53E+01	1.43E+00	1.57E-01	4.36E-01	1.40E-01	8.97E-02	3.36E-03	3.11E+00	1.10E-01	8.13E-03
296	370669	3755237	Residence	2.73E+01	2.77E+01	1.61E+00	1.58E-01	4.87E-01	1.45E-01	9.74E-02	3.31E-03	3.47E+00	1.14E-01	8.01E-03
297	370571	3755237	Residence	3.10E+01	3.16E+01	1.88E+00	1.59E-01	5.65E-01	1.54E-01	1.09E-01	3.25E-03	4.02E+00	1.20E-01	7.88E-03
298	370476	3755238	Residence	3.54E+01	3.60E+01	2.16E+00	1.60E-01	6.42E-01	1.62E-01	1.28E-01	3.98E-03	4.58E+00	1.44E-01	9.65E-03
299	370380	3755238	Residence	3.97E+01	4.04E+01	2.41E+00	1.61E-01	7.15E-01	1.69E-01	1.47E-01	4.99E-03	5.09E+00	1.75E-01	1.21E-02
300	370279	3755239	Residence	4.38E+01	4.45E+01	2.64E+00	1.62E-01	7.78E-01	1.76E-01	1.67E-01	6.24E-03	5.54E+00	2.10E-01	1.51E-02
301	370177	3755240	Residence	4.68E+01	4.76E+01	2.78E+00	1.63E-01	8.16E-01	1.81E-01	1.84E-01	7.67E-03	5.82E+00	2.47E-01	1.86E-02
302	370076	3755240	Residence	4.83E+01	4.91E+01	2.79E+00	1.64E-01	8.21E-01	1.82E-01	1.97E-01	9.23E-03	5.85E+00	2.84E-01	2.24E-02
303	369979	3755241	Residence	4.81E+01	4.88E+01	2.68E+00	1.64E-01	7.90E-01	1.79E-01	2.04E-01	1.08E-02	5.63E+00	3.18E-01	2.62E-02
304	369883	3755241	Residence	4.64E+01	4.71E+01	2.47E+00	1.64E-01	7.31E-01	1.73E-01	2.07E-01	1.24E-02	5.20E+00	3.50E-01	3.01E-02
306	369690	3755242	Residence	4.92E+01	4.99E+01	2.50E+00	1.62E-01	7.43E-01	1.73E-01	2.32E-01	1.53E-02	5.26E+00	4.21E-01	3.71E-02
307	369594	3755243	Residence	5.43E+01	5.51E+01	2.82E+00	1.62E-01	8.30E-01	1.82E-01	2.53E-01	1.63E-02	5.90E+00	4.51E-01	3.95E-02
308	369498	3755243	Residence	5.03E+01	5.10E+01	2.51E+00	1.62E-01	7.41E-01	1.73E-01	2.41E-01	1.67E-02	5.28E+00	4.50E-01	4.04E-02
309	369396	3755244	Residence	4.98E+01	5.05E+01	2.51E+00	1.62E-01	7.41E-01	1.73E-01	2.37E-01	1.61E-02	5.28E+00	4.36E-01	3.90E-02
310	369295	3755244	Residence	5.47E+01	5.55E+01	2.96E+00	1.70E-01	8.68E-01	1.90E-01	2.43E-01	1.43E-02	6.19E+00	4.06E-01	3.47E-02
311	369193	3755245	Residence	5.73E+01	5.82E+01	3.30E+00	1.80E-01	9.67E-01	2.06E-01	2.36E-01	1.14E-02	6.90E+00	3.48E-01	2.77E-02
312	369092	3755245	Residence	5.92E+01	6.02E+01	3.46E+00	1.91E-01	1.02E+00	2.17E-01	2.39E-01	1.08E-02	7.24E+00	3.38E-01	2.63E-02
313	368991	3755246	Residence	6.12E+01	6.22E+01	3.44E+00	2.01E-01	1.01E+00	2.24E-01	2.59E-01	1.34E-02	7.22E+00	3.98E-01	3.26E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
314	368889	3755247	Residence	6.03E+01	6.12E+01	3.27E+00	2.03E-01	9.68E-01	2.20E-01	2.64E-01	1.51E-02	6.88E+00	4.34E-01	3.67E-02
315	368782	3755247	Residence	5.82E+01	5.91E+01	3.10E+00	1.97E-01	9.19E-01	2.12E-01	2.60E-01	1.56E-02	6.54E+00	4.39E-01	3.77E-02
316	368676	3755248	Residence	5.83E+01	5.91E+01	2.94E+00	1.90E-01	8.70E-01	2.03E-01	2.77E-01	1.87E-02	6.19E+00	5.08E-01	4.52E-02
317	368569	3755248	Residence	5.87E+01	5.94E+01	2.80E+00	1.83E-01	8.30E-01	1.95E-01	2.93E-01	2.16E-02	5.91E+00	5.74E-01	5.24E-02
318	368471	3755249	Residence	5.72E+01	5.79E+01	2.64E+00	1.77E-01	7.81E-01	1.86E-01	2.95E-01	2.27E-02	5.56E+00	5.95E-01	5.50E-02
319	368373	3755249	Residence	5.41E+01	5.48E+01	2.44E+00	1.72E-01	7.25E-01	1.78E-01	2.83E-01	2.23E-02	5.16E+00	5.82E-01	5.41E-02
320	368275	3755250	Residence	5.01E+01	5.07E+01	2.24E+00	1.70E-01	6.67E-01	1.71E-01	2.63E-01	2.09E-02	4.75E+00	5.43E-01	5.06E-02
321	368167	3755230	Residence	4.61E+01	4.67E+01	2.02E+00	1.68E-01	6.07E-01	1.64E-01	2.43E-01	1.96E-02	4.32E+00	5.06E-01	4.74E-02
322	368054	3755209	Residence	4.22E+01	4.27E+01	1.83E+00	1.66E-01	5.51E-01	1.57E-01	2.22E-01	1.80E-02	3.92E+00	4.65E-01	4.36E-02
323	367941	3755189	Residence	3.91E+01	3.96E+01	1.68E+00	1.62E-01	5.09E-01	1.51E-01	2.06E-01	1.68E-02	3.62E+00	4.32E-01	4.07E-02
324	367824	3755185	Residence	3.70E+01	3.75E+01	1.62E+00	1.55E-01	4.91E-01	1.45E-01	1.92E-01	1.53E-02	3.49E+00	3.97E-01	3.71E-02
325	367711	3755181	Residence	3.56E+01	3.60E+01	1.62E+00	1.45E-01	4.89E-01	1.38E-01	1.79E-01	1.37E-02	3.48E+00	3.59E-01	3.32E-02
326	367598	3755178	Residence	3.43E+01	3.48E+01	1.64E+00	1.32E-01	4.92E-01	1.30E-01	1.67E-01	1.20E-02	3.50E+00	3.21E-01	2.91E-02
327	367484	3755174	Residence	3.26E+01	3.31E+01	1.63E+00	1.20E-01	4.86E-01	1.22E-01	1.54E-01	1.03E-02	3.46E+00	2.82E-01	2.51E-02
328	367461	3755189	Residence	3.26E+01	3.30E+01	1.66E+00	1.17E-01	4.93E-01	1.21E-01	1.52E-01	9.89E-03	3.51E+00	2.72E-01	2.40E-02
329	367415	3755295	Residence	3.50E+01	3.55E+01	1.85E+00	1.09E-01	5.45E-01	1.21E-01	1.60E-01	9.79E-03	3.88E+00	2.75E-01	2.37E-02
330	367369	3755401	Residence	3.86E+01	3.91E+01	2.06E+00	1.10E-01	6.06E-01	1.27E-01	1.76E-01	1.06E-02	4.31E+00	3.01E-01	2.57E-02
331	367324	3755507	Residence	4.28E+01	4.34E+01	2.35E+00	1.12E-01	6.86E-01	1.37E-01	1.91E-01	1.10E-02	4.88E+00	3.16E-01	2.66E-02
332	367484	3755199	Residence	3.30E+01	3.35E+01	1.67E+00	1.19E-01	4.97E-01	1.23E-01	1.54E-01	1.02E-02	3.54E+00	2.79E-01	2.46E-02
333	367301	3755623	Residence	4.78E+01	4.85E+01	2.67E+00	1.15E-01	7.79E-01	1.48E-01	2.11E-01	1.15E-02	5.54E+00	3.39E-01	2.79E-02
334	367114	3756056	Residence	4.91E+01	4.98E+01	2.73E+00	1.27E-01	7.98E-01	1.57E-01	2.16E-01	1.19E-02	5.68E+00	3.49E-01	2.89E-02
335	366985	3756358	Residence	4.12E+01	4.17E+01	2.16E+00	1.46E-01	6.41E-01	1.54E-01	1.86E-01	1.14E-02	4.56E+00	3.19E-01	2.76E-02
336	366853	3756663	Residence	3.47E+01	3.52E+01	1.73E+00	1.59E-01	5.21E-01	1.50E-01	1.59E-01	1.04E-02	3.72E+00	2.85E-01	2.53E-02
337	366902	3756692	Residence	3.50E+01	3.54E+01	1.73E+00	1.65E-01	5.22E-01	1.53E-01	1.61E-01	1.07E-02	3.72E+00	2.90E-01	2.59E-02
338	366876	3756760	Residence	3.37E+01	3.41E+01	1.65E+00	1.64E-01	5.00E-01	1.51E-01	1.55E-01	1.04E-02	3.57E+00	2.82E-01	2.53E-02
339	366813	3756739	Residence	3.33E+01	3.37E+01	1.64E+00	1.59E-01	4.96E-01	1.47E-01	1.53E-01	1.02E-02	3.54E+00	2.76E-01	2.47E-02
340	366677	3757025	Residence	2.82E+01	2.85E+01	1.39E+00	1.51E-01	4.24E-01	1.35E-01	1.26E-01	8.21E-03	3.03E+00	2.24E-01	1.99E-02
341	366536	3757322	Residence	2.76E+01	2.79E+01	1.37E+00	1.35E-01	4.14E-01	1.24E-01	1.25E-01	8.25E-03	2.95E+00	2.25E-01	2.00E-02
342	366437	3757531	Residence	2.69E+01	2.73E+01	1.34E+00	1.24E-01	4.04E-01	1.17E-01	1.23E-01	8.07E-03	2.88E+00	2.20E-01	1.96E-02
343	366487	3757537	Residence	2.74E+01	2.77E+01	1.37E+00	1.26E-01	4.11E-01	1.19E-01	1.25E-01	8.23E-03	2.93E+00	2.24E-01	1.99E-02
344	366624	3757468	Residence	2.88E+01	2.91E+01	1.43E+00	1.34E-01	4.30E-01	1.25E-01	1.32E-01	8.76E-03	3.07E+00	2.38E-01	2.12E-02
345	366644	3757531	Residence	2.89E+01	2.93E+01	1.44E+00	1.33E-01	4.34E-01	1.25E-01	1.33E-01	8.75E-03	3.09E+00	2.38E-01	2.12E-02
346	366777	3757520	Residence	3.03E+01	3.07E+01	1.51E+00	1.38E-01	4.55E-01	1.30E-01	1.39E-01	9.20E-03	3.24E+00	2.51E-01	2.23E-02
347	366999	3757642	Residence	3.26E+01	3.31E+01	1.68E+00	1.38E-01	5.03E-01	1.35E-01	1.47E-01	9.12E-03	3.58E+00	2.54E-01	2.21E-02
348	367174	3757740	Residence	3.55E+01	3.60E+01	1.94E+00	1.35E-01	5.76E-01	1.40E-01	1.53E-01	8.36E-03	4.09E+00	2.44E-01	2.03E-02
349	367291	3757694	Residence	4.32E+01	4.38E+01	2.46E+00	1.41E-01	7.25E-01	1.59E-01	1.81E-01	8.84E-03	5.15E+00	2.70E-01	2.14E-02
350	367413	3757695	Residence	5.03E+01	5.11E+01	2.97E+00	1.45E-01	8.73E-01	1.76E-01	2.04E-01	8.77E-03	6.19E+00	2.83E-01	2.13E-02
351	367410	3757736	Residence	4.21E+01	4.27E+01	2.41E+00	1.41E-01	7.13E-01	1.58E-01	1.74E-01	8.22E-03	5.06E+00	2.54E-01	1.99E-02
352	367518	3757796	Residence	2.69E+01	2.73E+01	1.36E+00	1.36E-01	4.15E-01	1.25E-01	1.19E-01	7.35E-03	2.95E+00	2.04E-01	1.78E-02
353	367539	3757802	Residence	2.66E+01	2.69E+01	1.33E+00	1.35E-01	4.05E-01	1.23E-01	1.18E-01	7.54E-03	2.89E+00	2.07E-01	1.83E-02
354	367609	3757677	Residence	3.08E+01	3.12E+01	1.56E+00	1.48E-01	4.71E-01	1.38E-01	1.38E-01	8.77E-03	3.36E+00	2.41E-01	2.13E-02
355	367769	3757644	Residence	3.19E+01	3.24E+01	1.61E+00	1.51E-01	4.86E-01	1.41E-01	1.44E-01	9.21E-03	3.46E+00	2.53E-01	2.23E-02
356	367775	3757719	Residence	2.98E+01	3.02E+01	1.45E+00	1.44E-01	4.38E-01	1.33E-01	1.38E-01	9.42E-03	3.13E+00	2.54E-01	2.28E-02
357	367809	3757835	Residence	2.62E+01	2.66E+01	1.18E+00	1.35E-01	3.63E-01	1.20E-01	1.28E-01	9.72E-03	2.59E+00	2.54E-01	2.36E-02
358	367807	3757936	Residence	2.63E+01	2.66E+01	1.21E+00	1.28E-01	3.68E-01	1.16E-01	1.28E-01	9.49E-03	2.62E+00	2.50E-01	2.30E-02
359	367775	3757959	Residence	2.57E+01	2.60E+01	1.18E+00	1.27E-01	3.61E-01	1.14E-01	1.25E-01	9.26E-03	2.57E+00	2.43E-01	2.24E-02
360	367798	3758011	Residence	2.60E+01	2.64E+01	1.21E+00	1.23E-01	3.69E-01	1.12E-01	1.26E-01	9.20E-03	2.63E+00	2.43E-01	2.23E-02
361	367914	3757962	Residence	2.80E+01	2.84E+01	1.31E+00	1.26E-01	3.98E-01	1.17E-01	1.36E-01	9.88E-03	2.83E+00	2.62E-01	2.39E-02
362	367905	3757930	Residence	2.79E+01	2.83E+01	1.30E+00	1.28E-01	3.94E-01	1.18E-01	1.36E-01	1.00E-02	2.81E+00	2.64E-01	2.42E-02
363	368109	3757840	Residence	3.20E+01	3.24E+01	1.51E+00	1.34E-01	4.54E-01	1.28E-01	1.56E-01	1.14E-02	3.24E+00	3.01E-01	2.75E-02
364	368233	3757790	Residence	3.50E+01	3.54E+01	1.66E+00	1.37E-01	4.97E-01	1.34E-01	1.71E-01	1.25E-02	3.54E+00	3.31E-01	3.02E-02
365	368309	3757762	Residence	3.76E+01	3.81E+01	1.75E+00	1.39E-01	5.25E-01	1.38E-01	1.88E-01	1.40E-02	3.74E+00	3.71E-01	3.40E-02
366	368603	3757765	Residence	4.50E+01	4.55E+01	2.03E+00	1.34E-01	6.01E-01	1.42E-01	2.37E-01	1.88E-02	4.27E+00	4.89E-01	4.55E-02
367	368604	3757719	Residence	4.66E+01	4.72E+01	2.09E+00	1.39E-01	6.21E-01	1.47E-01	2.46E-01	1.95E-02	4.42E+00	5.08E-01	4.73E-02
368	368770	3757799	Residence	4.63E+01	4.69E+01	2.18E+00	1.34E-01	6.46E-01	1.46E-01	2.36E-01	1.77E-02	4.59E+00	4.68E-01	4.29E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m3)	1-Hour TOG Conc. (µg/m3)	acetaldehyde (µg/m3)	acrolein (µg/m3)	benzene (µg/m3)	butadiene, 1,3- (µg/m3)	ethylbenzene (µg/m3)	ethylene glycol (µg/m3)	formaldehyde (µg/m3)	hexane, n- (µg/m3)	isopropyl alcohol (µg/m3)
369	369017	3757954	Residence	4.78E+01	4.85E+01	2.45E+00	1.23E-01	7.16E-01	1.46E-01	2.30E-01	1.54E-02	5.10E+00	4.22E-01	3.74E-02
370	369080	3757864	Residence	5.16E+01	5.23E+01	2.65E+00	1.28E-01	7.76E-01	1.55E-01	2.47E-01	1.64E-02	5.52E+00	4.51E-01	3.98E-02
371	369224	3757952	Residence	4.33E+01	4.40E+01	2.28E+00	1.24E-01	6.69E-01	1.42E-01	2.00E-01	1.26E-02	4.77E+00	3.51E-01	3.05E-02
372	369409	3757730	Residence	4.87E+01	4.94E+01	2.78E+00	1.42E-01	8.14E-01	1.67E-01	2.05E-01	1.04E-02	5.79E+00	3.12E-01	2.51E-02
373	369454	3757776	Residence	4.60E+01	4.67E+01	2.69E+00	1.39E-01	7.89E-01	1.63E-01	1.87E-01	8.54E-03	5.62E+00	2.67E-01	2.07E-02
374	369265	3757997	Residence	3.93E+01	3.99E+01	2.07E+00	1.21E-01	6.11E-01	1.35E-01	1.80E-01	1.12E-02	4.35E+00	3.12E-01	2.71E-02
375	369452	3758128	Residence	3.39E+01	3.44E+01	1.98E+00	1.14E-01	5.82E-01	1.28E-01	1.37E-01	6.15E-03	4.15E+00	1.92E-01	1.49E-02
376	369460	3758394	Residence	2.79E+01	2.83E+01	1.62E+00	1.02E-01	4.79E-01	1.10E-01	1.11E-01	4.94E-03	3.41E+00	1.55E-01	1.20E-02
377	369853	3758394	Residence	2.11E+01	2.14E+01	1.14E+00	1.01E-01	3.45E-01	9.65E-02	8.71E-02	4.62E-03	2.45E+00	1.35E-01	1.12E-02
378	369850	3758078	Residence	2.62E+01	2.66E+01	1.45E+00	1.16E-01	4.34E-01	1.14E-01	1.08E-01	5.60E-03	3.08E+00	1.65E-01	1.36E-02
384	370886	3758089	Residence	3.60E+01	3.66E+01	2.03E+00	1.17E-01	6.01E-01	1.32E-01	1.52E-01	7.67E-03	4.26E+00	2.31E-01	1.86E-02
391	371193	3757720	Residence	3.23E+01	3.27E+01	1.69E+00	1.29E-01	5.05E-01	1.29E-01	1.43E-01	8.68E-03	3.59E+00	2.44E-01	2.10E-02
392	371254	3757762	Residence	3.10E+01	3.15E+01	1.62E+00	1.24E-01	4.85E-01	1.24E-01	1.38E-01	8.37E-03	3.45E+00	2.35E-01	2.03E-02
393	371264	3757783	Residence	3.05E+01	3.10E+01	1.60E+00	1.23E-01	4.77E-01	1.23E-01	1.36E-01	8.31E-03	3.39E+00	2.33E-01	2.01E-02
394	371372	3757782	Residence	2.99E+01	3.04E+01	1.59E+00	1.16E-01	4.73E-01	1.18E-01	1.32E-01	7.81E-03	3.36E+00	2.21E-01	1.89E-02
395	371399	3757806	Residence	2.94E+01	2.98E+01	1.55E+00	1.14E-01	4.63E-01	1.16E-01	1.30E-01	7.70E-03	3.30E+00	2.18E-01	1.87E-02
396	371798	3758080	Residence	2.37E+01	2.40E+01	1.25E+00	9.35E-02	3.73E-01	9.45E-02	1.05E-01	6.26E-03	2.65E+00	1.77E-01	1.52E-02
397	371908	3757934	Residence	2.42E+01	2.46E+01	1.32E+00	8.99E-02	3.90E-01	9.40E-02	1.05E-01	5.84E-03	2.78E+00	1.69E-01	1.42E-02
398	371964	3757922	Residence	2.38E+01	2.42E+01	1.30E+00	8.87E-02	3.86E-01	9.28E-02	1.02E-01	5.63E-03	2.75E+00	1.63E-01	1.37E-02
442	370667	3755262	Residence	2.74E+01	2.79E+01	1.60E+00	1.61E-01	4.87E-01	1.47E-01	9.82E-02	3.41E-03	3.47E+00	1.16E-01	8.27E-03
443	370380	3755263	Residence	4.00E+01	4.07E+01	2.44E+00	1.64E-01	7.23E-01	1.72E-01	1.47E-01	4.89E-03	5.15E+00	1.73E-01	1.19E-02
444	370076	3755265	Residence	4.94E+01	5.01E+01	2.87E+00	1.67E-01	8.43E-01	1.86E-01	2.00E-01	9.16E-03	6.02E+00	2.84E-01	2.22E-02
446	369498	3755268	Residence	5.13E+01	5.20E+01	2.55E+00	1.65E-01	7.53E-01	1.76E-01	2.47E-01	1.71E-02	5.37E+00	4.62E-01	4.15E-02
447	369194	3755270	Residence	5.97E+01	6.06E+01	3.44E+00	1.86E-01	1.01E+00	2.13E-01	2.47E-01	1.20E-02	7.18E+00	3.65E-01	2.91E-02
448	368889	3755272	Residence	6.13E+01	6.23E+01	3.31E+00	2.07E-01	9.80E-01	2.24E-01	2.70E-01	1.57E-02	6.97E+00	4.47E-01	3.80E-02
449	368569	3755273	Residence	5.98E+01	6.06E+01	2.83E+00	1.85E-01	8.38E-01	1.97E-01	3.02E-01	2.25E-02	5.97E+00	5.96E-01	5.46E-02
450	368275	3755275	Residence	5.04E+01	5.10E+01	2.23E+00	1.72E-01	6.66E-01	1.72E-01	2.65E-01	2.12E-02	4.74E+00	5.51E-01	5.15E-02
451	367936	3755213	Residence	3.91E+01	3.95E+01	1.67E+00	1.64E-01	5.06E-01	1.51E-01	2.06E-01	1.69E-02	3.60E+00	4.34E-01	4.09E-02
74	370324	3758078	School	2.80E+01	2.84E+01	1.42E+00	1.40E-01	4.29E-01	1.29E-01	1.25E-01	7.88E-03	3.06E+00	2.17E-01	1.91E-02
75	370324	3758078	School	3.03E+01	3.07E+01	1.53E+00	1.46E-01	4.63E-01	1.36E-01	1.35E-01	8.53E-03	3.30E+00	2.35E-01	2.07E-02
76	370324	3758078	School	3.03E+01	3.07E+01	1.53E+00	1.46E-01	4.63E-01	1.36E-01	1.35E-01	8.58E-03	3.30E+00	2.36E-01	2.08E-02
77	370324	3758078	School	2.96E+01	3.00E+01	1.45E+00	1.44E-01	4.39E-01	1.32E-01	1.36E-01	9.19E-03	3.13E+00	2.48E-01	2.23E-02
130	370324	3758078	School	2.42E+01	2.45E+01	1.09E+00	1.21E-01	3.34E-01	1.08E-01	1.19E-01	9.03E-03	2.37E+00	2.36E-01	2.19E-02
131	370381	3757991	School	2.67E+01	2.71E+01	1.22E+00	1.26E-01	3.72E-01	1.15E-01	1.31E-01	9.88E-03	2.64E+00	2.59E-01	2.40E-02
132	370435	3758019	School	2.64E+01	2.67E+01	1.22E+00	1.24E-01	3.71E-01	1.13E-01	1.29E-01	9.56E-03	2.63E+00	2.52E-01	2.32E-02
133	370499	3758050	School	2.61E+01	2.65E+01	1.22E+00	1.22E-01	3.71E-01	1.12E-01	1.26E-01	9.21E-03	2.64E+00	2.44E-01	2.23E-02
134	370485	3758025	School	2.66E+01	2.70E+01	1.24E+00	1.24E-01	3.79E-01	1.14E-01	1.29E-01	9.40E-03	2.69E+00	2.49E-01	2.28E-02
135	370481	3758086	School	2.50E+01	2.54E+01	1.16E+00	1.20E-01	3.53E-01	1.09E-01	1.22E-01	9.00E-03	2.51E+00	2.37E-01	2.18E-02
305	369787	3755242	School	4.54E+01	4.60E+01	2.30E+00	1.63E-01	6.85E-01	1.68E-01	2.12E-01	1.40E-02	4.87E+00	3.82E-01	3.38E-02
379	370299	3758078	School	2.41E+01	2.44E+01	1.09E+00	1.21E-01	3.34E-01	1.07E-01	1.19E-01	8.98E-03	2.37E+00	2.35E-01	2.18E-02
380	370298	3757963	School	2.72E+01	2.76E+01	1.23E+00	1.29E-01	3.77E-01	1.17E-01	1.35E-01	1.02E-02	2.68E+00	2.68E-01	2.48E-02
381	370382	3757966	School	2.74E+01	2.77E+01	1.25E+00	1.28E-01	3.81E-01	1.17E-01	1.34E-01	1.01E-02	2.71E+00	2.65E-01	2.45E-02
382	370510	3758027	School	2.68E+01	2.72E+01	1.26E+00	1.24E-01	3.83E-01	1.14E-01	1.29E-01	9.31E-03	2.72E+00	2.47E-01	2.26E-02
383	370506	3758088	School	2.52E+01	2.56E+01	1.17E+00	1.20E-01	3.57E-01	1.09E-01	1.22E-01	8.95E-03	2.54E+00	2.36E-01	2.17E-02
445	369787	3755267	School	4.60E+01	4.67E+01	2.34E+00	1.66E-01	6.96E-01	1.71E-01	2.14E-01	1.40E-02	4.95E+00	3.85E-01	3.41E-02

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Location		methyl alcohol (µg/m^3)	methyl ethyl ketone (µg/m^3)	methyl t-butyl ether (µg/m^3)	naphthalene (µg/m^3)	phenol (µg/m^3)	propylene (µg/m^3)	styrene (µg/m^3)	toluene (µg/m^3)	xylene, m- (µg/m^3)	xylene, o- (µg/m^3)	xylene, p- (µg/m^3)
Residential												
	Maximum Offsite Concentration-->	4.48E-02	6.39E-01	2.39E-02	9.60E-02	6.09E-02	1.50E+00	5.10E-02	2.24E+00	3.20E-01	1.73E-01	5.57E-02
	Average Offsite Concentration-->	2.16E-02	3.13E-01	1.17E-02	5.56E-02	3.78E-02	7.90E-01	2.88E-02	1.06E+00	1.62E-01	8.84E-02	3.00E-02
	Minimum Offsite Concentration-->	3.86E-03	7.29E-02	2.91E-03	1.97E-02	1.50E-02	2.60E-01	1.08E-02	1.99E-01	4.12E-02	2.46E-02	9.52E-03
Commercial												
	Maximum Offsite Concentration-->	4.02E-02	8.43E-01	3.80E-02	8.72E-02	6.37E-02	1.79E+00	5.26E-02	1.85E+00	4.29E-01	2.25E-01	6.34E-02
	Average Offsite Concentration-->	1.45E-02	2.66E-01	1.05E-02	4.88E-02	3.80E-02	7.14E-01	2.71E-02	6.98E-01	1.39E-01	7.64E-02	2.58E-02
	Minimum Offsite Concentration-->	4.46E-03	7.81E-02	3.09E-03	3.21E-02	2.60E-02	3.58E-01	1.80E-02	2.37E-01	4.54E-02	2.79E-02	1.22E-02
School												
	Maximum Offsite Concentration-->	3.08E-02	4.24E-01	1.56E-02	7.49E-02	4.90E-02	1.05E+00	3.80E-02	1.52E+00	2.19E-01	1.19E-01	4.05E-02
	Average Offsite Concentration-->	2.00E-02	2.43E-01	9.29E-03	5.29E-02	3.93E-02	6.71E-01	2.65E-02	1.00E+00	1.29E-01	7.11E-02	2.58E-02
	Minimum Offsite Concentration-->	1.74E-02	1.85E-01	7.43E-03	4.60E-02	3.54E-02	5.44E-01	2.26E-02	8.69E-01	1.00E-01	5.59E-02	2.11E-02
CalEPA Acute REL		28000	13000	NA	NA	5800	NA	21000	37000	22000	22000	22000
Residential												
	Offsite Maximum Acute Hazard-->	1.60E-06	4.91E-05	NA	NA	1.05E-05	NA	2.43E-06	6.04E-05	1.45E-05	7.87E-06	2.53E-06
	Offsite Average Acute Hazard-->	7.70E-07	2.41E-05	NA	NA	6.52E-06	NA	1.37E-06	2.86E-05	7.37E-06	4.02E-06	1.36E-06
	Offsite Minimum Acute Hazard-->	1.38E-07	5.61E-06	NA	NA	2.58E-06	NA	5.14E-07	5.38E-06	1.87E-06	1.12E-06	4.33E-07
Commercial												
	Offsite Maximum Acute Hazard-->	1.43E-06	6.48E-05	NA	NA	1.10E-05	NA	2.51E-06	5.00E-05	1.95E-05	1.02E-05	2.88E-06
	Offsite Average Acute Hazard-->	5.18E-07	2.05E-05	NA	NA	6.56E-06	NA	1.29E-06	1.89E-05	6.31E-06	3.47E-06	1.17E-06
	Offsite Minimum Acute Hazard-->	1.59E-07	6.01E-06	NA	NA	4.48E-06	NA	8.59E-07	6.41E-06	2.07E-06	1.27E-06	5.56E-07
School												
	Offsite Maximum Acute Hazard-->	1.10E-06	3.26E-05	NA	NA	8.44E-06	NA	1.81E-06	4.10E-05	9.96E-06	5.42E-06	1.84E-06
	Offsite Average Acute Hazard-->	7.13E-07	1.87E-05	NA	NA	6.77E-06	NA	1.26E-06	2.71E-05	5.85E-06	3.23E-06	1.17E-06
	Offsite Minimum Acute Hazard-->	6.20E-07	1.42E-05	NA	NA	6.10E-06	NA	1.07E-06	2.35E-05	4.56E-06	2.54E-06	9.60E-07

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
29	370479	3756654	Commercial	4.02E-02	8.28E-01	3.15E-02	8.72E-02	3.59E-02	1.71E+00	4.94E-02	1.85E+00	4.13E-01	2.18E-01	6.34E-02
141	370911	3758089	Commercial	2.06E-02	3.59E-01	1.45E-02	5.41E-02	3.45E-02	8.57E-01	2.94E-02	9.77E-01	1.85E-01	9.95E-02	3.17E-02
142	370911	3757976	Commercial	2.16E-02	3.72E-01	1.48E-02	5.76E-02	3.76E-02	8.99E-01	3.12E-02	1.03E+00	1.92E-01	1.03E-01	3.33E-02
143	370911	3757863	Commercial	2.12E-02	3.17E-01	1.18E-02	5.75E-02	4.05E-02	8.15E-01	3.01E-02	1.04E+00	1.64E-01	8.99E-02	3.06E-02
144	370910	3757751	Commercial	2.21E-02	3.17E-01	1.15E-02	6.00E-02	4.29E-02	8.27E-01	3.11E-02	1.10E+00	1.64E-01	9.03E-02	3.13E-02
145	370930	3757712	Commercial	2.24E-02	3.20E-01	1.16E-02	6.09E-02	4.36E-02	8.37E-01	3.15E-02	1.11E+00	1.66E-01	9.12E-02	3.17E-02
146	370961	3757689	Commercial	2.23E-02	3.18E-01	1.17E-02	6.06E-02	4.34E-02	8.34E-01	3.14E-02	1.10E+00	1.66E-01	9.09E-02	3.15E-02
147	371046	3757693	Commercial	2.15E-02	3.12E-01	1.15E-02	5.82E-02	4.14E-02	8.10E-01	3.03E-02	1.06E+00	1.62E-01	8.88E-02	3.06E-02
148	371071	3757668	Commercial	2.15E-02	3.19E-01	1.19E-02	5.82E-02	4.10E-02	8.20E-01	3.04E-02	1.06E+00	1.65E-01	9.05E-02	3.09E-02
149	371071	3757585	Commercial	2.24E-02	3.51E-01	1.31E-02	6.08E-02	4.20E-02	8.85E-01	3.22E-02	1.09E+00	1.81E-01	9.87E-02	3.31E-02
150	371047	3757610	Commercial	2.24E-02	3.41E-01	1.28E-02	6.03E-02	4.18E-02	8.66E-01	3.17E-02	1.09E+00	1.76E-01	9.63E-02	3.25E-02
151	371122	3757609	Commercial	2.17E-02	3.41E-01	1.27E-02	5.88E-02	4.05E-02	8.58E-01	3.11E-02	1.06E+00	1.76E-01	9.59E-02	3.22E-02
152	371099	3757595	Commercial	2.20E-02	3.46E-01	1.29E-02	5.98E-02	4.13E-02	8.73E-01	3.17E-02	1.07E+00	1.79E-01	9.74E-02	3.27E-02
153	371135	3757663	Commercial	2.11E-02	3.22E-01	1.20E-02	5.68E-02	3.93E-02	8.16E-01	2.98E-02	1.03E+00	1.66E-01	9.08E-02	3.07E-02
168	371995	3757843	Commercial	1.39E-02	2.37E-01	8.84E-03	3.89E-02	2.68E-02	5.90E-01	2.11E-02	6.69E-01	1.22E-01	6.63E-02	2.19E-02
169	371969	3757867	Commercial	1.41E-02	2.39E-01	8.89E-03	3.91E-02	2.67E-02	5.92E-01	2.11E-02	6.81E-01	1.22E-01	6.66E-02	2.20E-02
170	372023	3757868	Commercial	1.37E-02	2.34E-01	8.71E-03	3.84E-02	2.64E-02	5.81E-01	2.08E-02	6.63E-01	1.20E-01	6.53E-02	2.15E-02
171	372048	3757843	Commercial	1.35E-02	2.32E-01	8.65E-03	3.82E-02	2.64E-02	5.79E-01	2.07E-02	6.50E-01	1.19E-01	6.49E-02	2.14E-02
172	372047	3757746	Commercial	1.31E-02	2.33E-01	8.67E-03	3.84E-02	2.70E-02	5.85E-01	2.10E-02	6.31E-01	1.20E-01	6.53E-02	2.15E-02
173	372046	3757649	Commercial	1.26E-02	2.31E-01	8.56E-03	3.80E-02	2.71E-02	5.82E-01	2.10E-02	6.04E-01	1.18E-01	6.46E-02	2.13E-02
174	372045	3757551	Commercial	1.24E-02	2.25E-01	8.32E-03	3.76E-02	2.69E-02	5.69E-01	2.07E-02	5.96E-01	1.15E-01	6.31E-02	2.09E-02
175	372041	3757448	Commercial	1.27E-02	2.15E-01	7.95E-03	3.71E-02	2.65E-02	5.49E-01	2.01E-02	6.16E-01	1.11E-01	6.06E-02	2.03E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
176	372036	3757345	Commercial	1.28E-02	2.03E-01	7.47E-03	3.67E-02	2.65E-02	5.25E-01	1.95E-02	6.27E-01	1.05E-01	5.75E-02	1.96E-02
177	372032	3757242	Commercial	1.33E-02	2.07E-01	7.80E-03	3.74E-02	2.67E-02	5.34E-01	1.98E-02	6.53E-01	1.07E-01	5.87E-02	2.00E-02
178	372027	3757139	Commercial	1.41E-02	2.26E-01	8.50E-03	3.85E-02	2.67E-02	5.68E-01	2.06E-02	6.87E-01	1.17E-01	6.35E-02	2.12E-02
179	372003	3757115	Commercial	1.44E-02	2.32E-01	8.72E-03	3.90E-02	2.68E-02	5.79E-01	2.08E-02	6.99E-01	1.19E-01	6.50E-02	2.16E-02
180	371881	3757114	Commercial	1.50E-02	2.41E-01	9.08E-03	4.07E-02	2.78E-02	6.03E-01	2.17E-02	7.31E-01	1.24E-01	6.77E-02	2.25E-02
181	371758	3757113	Commercial	1.57E-02	2.52E-01	9.47E-03	4.25E-02	2.90E-02	6.28E-01	2.26E-02	7.64E-01	1.30E-01	7.06E-02	2.35E-02
182	371636	3757112	Commercial	1.64E-02	2.62E-01	9.88E-03	4.45E-02	3.04E-02	6.56E-01	2.36E-02	8.00E-01	1.35E-01	7.36E-02	2.45E-02
183	371514	3757111	Commercial	1.72E-02	2.74E-01	1.03E-02	4.67E-02	3.20E-02	6.87E-01	2.48E-02	8.40E-01	1.41E-01	7.70E-02	2.57E-02
184	371394	3757110	Commercial	1.85E-02	3.01E-01	1.10E-02	5.01E-02	3.40E-02	7.47E-01	2.67E-02	8.98E-01	1.54E-01	8.40E-02	2.79E-02
185	371275	3757110	Commercial	2.01E-02	3.40E-01	1.24E-02	5.46E-02	3.64E-02	8.31E-01	2.93E-02	9.74E-01	1.73E-01	9.43E-02	3.10E-02
186	371155	3757109	Commercial	2.20E-02	3.85E-01	1.41E-02	5.99E-02	3.93E-02	9.32E-01	3.25E-02	1.06E+00	1.96E-01	1.06E-01	3.46E-02
187	371035	3757108	Commercial	2.42E-02	4.38E-01	1.61E-02	6.62E-02	4.29E-02	1.05E+00	3.62E-02	1.16E+00	2.23E-01	1.21E-01	3.88E-02
188	371060	3757133	Commercial	2.37E-02	4.31E-01	1.59E-02	6.54E-02	4.27E-02	1.04E+00	3.58E-02	1.14E+00	2.19E-01	1.19E-01	3.83E-02
189	371059	3757085	Commercial	2.38E-02	4.22E-01	1.55E-02	6.47E-02	4.21E-02	1.02E+00	3.52E-02	1.14E+00	2.15E-01	1.16E-01	3.76E-02
190	371034	3757060	Commercial	2.42E-02	4.28E-01	1.57E-02	6.58E-02	4.29E-02	1.03E+00	3.58E-02	1.16E+00	2.18E-01	1.18E-01	3.82E-02
191	370944	3757061	Commercial	2.62E-02	4.76E-01	1.75E-02	7.13E-02	4.60E-02	1.14E+00	3.91E-02	1.25E+00	2.42E-01	1.31E-01	4.20E-02
192	370854	3757061	Commercial	2.83E-02	5.29E-01	1.96E-02	7.75E-02	4.95E-02	1.25E+00	4.28E-02	1.35E+00	2.69E-01	1.45E-01	4.63E-02
193	370764	3757062	Commercial	3.08E-02	5.90E-01	2.20E-02	8.44E-02	5.32E-02	1.39E+00	4.68E-02	1.46E+00	2.99E-01	1.62E-01	5.10E-02
194	370789	3757086	Commercial	2.99E-02	5.72E-01	2.13E-02	8.26E-02	5.26E-02	1.35E+00	4.59E-02	1.42E+00	2.90E-01	1.57E-01	4.97E-02
195	370786	3756996	Commercial	3.03E-02	5.66E-01	2.10E-02	8.09E-02	5.02E-02	1.33E+00	4.46E-02	1.44E+00	2.87E-01	1.55E-01	4.90E-02
196	370782	3756907	Commercial	2.96E-02	5.34E-01	1.96E-02	7.60E-02	4.60E-02	1.24E+00	4.14E-02	1.41E+00	2.70E-01	1.46E-01	4.61E-02
197	370779	3756817	Commercial	2.98E-02	5.44E-01	2.05E-02	7.17E-02	3.97E-02	1.22E+00	3.92E-02	1.41E+00	2.75E-01	1.47E-01	4.55E-02
198	370755	3756843	Commercial	3.01E-02	5.45E-01	2.06E-02	7.36E-02	4.18E-02	1.23E+00	4.01E-02	1.43E+00	2.76E-01	1.48E-01	4.60E-02
199	370847	3756839	Commercial	2.81E-02	5.07E-01	1.91E-02	6.93E-02	3.99E-02	1.15E+00	3.77E-02	1.34E+00	2.57E-01	1.38E-01	4.30E-02
200	370940	3756836	Commercial	2.63E-02	4.72E-01	1.78E-02	6.55E-02	3.82E-02	1.08E+00	3.56E-02	1.25E+00	2.39E-01	1.28E-01	4.03E-02
201	371032	3756832	Commercial	2.47E-02	4.42E-01	1.66E-02	6.20E-02	3.67E-02	1.02E+00	3.37E-02	1.18E+00	2.24E-01	1.20E-01	3.79E-02
202	371056	3756809	Commercial	2.43E-02	4.38E-01	1.64E-02	6.08E-02	3.56E-02	1.00E+00	3.31E-02	1.16E+00	2.22E-01	1.19E-01	3.74E-02
203	371058	3756782	Commercial	2.43E-02	4.41E-01	1.65E-02	6.02E-02	3.47E-02	1.00E+00	3.29E-02	1.15E+00	2.23E-01	1.20E-01	3.74E-02
204	371034	3756805	Commercial	2.47E-02	4.46E-01	1.67E-02	6.15E-02	3.57E-02	1.02E+00	3.35E-02	1.17E+00	2.26E-01	1.21E-01	3.80E-02
205	371146	3756803	Commercial	2.29E-02	4.12E-01	1.54E-02	5.78E-02	3.44E-02	9.49E-01	3.15E-02	1.09E+00	2.09E-01	1.12E-01	3.53E-02
206	371259	3756800	Commercial	2.14E-02	3.82E-01	1.43E-02	5.46E-02	3.32E-02	8.89E-01	2.97E-02	1.02E+00	1.94E-01	1.04E-01	3.31E-02
207	371371	3756798	Commercial	2.03E-02	3.58E-01	1.34E-02	5.19E-02	3.20E-02	8.38E-01	2.83E-02	9.70E-01	1.82E-01	9.80E-02	3.12E-02
208	371484	3756795	Commercial	1.93E-02	3.37E-01	1.26E-02	4.95E-02	3.10E-02	7.95E-01	2.70E-02	9.26E-01	1.72E-01	9.26E-02	2.96E-02
209	371595	3756793	Commercial	1.84E-02	3.19E-01	1.20E-02	4.73E-02	3.00E-02	7.56E-01	2.58E-02	8.81E-01	1.63E-01	8.78E-02	2.82E-02
210	371706	3756791	Commercial	1.74E-02	3.01E-01	1.13E-02	4.52E-02	2.91E-02	7.19E-01	2.47E-02	8.36E-01	1.54E-01	8.31E-02	2.68E-02
211	371818	3756788	Commercial	1.65E-02	2.84E-01	1.07E-02	4.32E-02	2.83E-02	6.84E-01	2.37E-02	7.91E-01	1.45E-01	7.86E-02	2.54E-02
212	371932	3756786	Commercial	1.55E-02	2.68E-01	1.01E-02	4.14E-02	2.75E-02	6.49E-01	2.27E-02	7.47E-01	1.37E-01	7.43E-02	2.41E-02
213	372046	3756783	Commercial	1.47E-02	2.53E-01	9.52E-03	3.96E-02	2.67E-02	6.17E-01	2.17E-02	7.06E-01	1.30E-01	7.02E-02	2.29E-02
214	372161	3756780	Commercial	1.38E-02	2.39E-01	8.99E-03	3.81E-02	2.62E-02	5.89E-01	2.09E-02	6.67E-01	1.22E-01	6.65E-02	2.18E-02
215	372275	3756778	Commercial	1.31E-02	2.25E-01	8.49E-03	3.70E-02	2.60E-02	5.64E-01	2.03E-02	6.31E-01	1.16E-01	6.31E-02	2.09E-02
216	372385	3756776	Commercial	1.24E-02	2.14E-01	8.06E-03	3.61E-02	2.60E-02	5.43E-01	1.98E-02	5.99E-01	1.10E-01	6.02E-02	2.00E-02
217	372494	3756773	Commercial	1.18E-02	2.03E-01	7.65E-03	3.53E-02	2.60E-02	5.24E-01	1.94E-02	5.70E-01	1.05E-01	5.74E-02	1.93E-02
218	372604	3756771	Commercial	1.12E-02	1.93E-01	7.28E-03	3.47E-02	2.62E-02	5.07E-01	1.90E-02	5.43E-01	1.00E-01	5.50E-02	1.86E-02
219	372714	3756768	Commercial	1.08E-02	1.86E-01	7.05E-03	3.42E-02	2.63E-02	4.96E-01	1.88E-02	5.23E-01	9.68E-02	5.33E-02	1.82E-02
220	372738	3756742	Commercial	1.07E-02	1.86E-01	7.06E-03	3.47E-02	2.69E-02	4.99E-01	1.91E-02	5.23E-01	9.67E-02	5.33E-02	1.82E-02
221	372733	3756647	Commercial	1.12E-02	1.94E-01	7.54E-03	3.71E-02	2.94E-02	5.31E-01	2.05E-02	5.42E-01	1.02E-01	5.62E-02	1.93E-02
222	372820	3756574	Commercial	1.10E-02	1.94E-01	7.67E-03	3.89E-02	3.20E-02	5.47E-01	2.16E-02	5.37E-01	1.02E-01	5.68E-02	1.98E-02
223	372844	3756548	Commercial	1.09E-02	1.93E-01	7.59E-03	3.94E-02	3.28E-02	5.50E-01	2.19E-02	5.34E-01	1.02E-01	5.67E-02	1.99E-02
224	372839	3756454	Commercial	1.13E-02	2.05E-01	8.12E-03	4.25E-02	3.61E-02	5.92E-01	2.38E-02	5.48E-01	1.08E-01	6.04E-02	2.12E-02
225	372821	3756363	Commercial	1.12E-02	2.05E-01	8.13E-03	4.61E-02	4.10E-02	6.23E-01	2.59E-02	5.48E-01	1.09E-01	6.16E-02	2.22E-02
226	372796	3756343	Commercial	1.13E-02	2.07E-01	8.19E-03	4.74E-02	4.26E-02	6.37E-01	2.66E-02	5.53E-01	1.11E-01	6.25E-02	2.26E-02
227	372731	3756328	Commercial	1.16E-02	2.16E-01	8.57E-03	4.97E-02	4.49E-02	6.66E-01	2.80E-02	5.70E-01	1.15E-01	6.52E-02	2.36E-02
228	372707	3756352	Commercial	1.21E-02	2.28E-01	9.13E-03	4.95E-02	4.36E-02	6.81E-01	2.80E-02	5.87E-01	1.21E-01	6.80E-02	2.42E-02
229	372928	3756344	Commercial	1.05E-02	1.88E-01	7.37E-03	4.40E-02	3.97E-02	5.84E-01	2.46E-02	5.16E-01	1.01E-01	5.69E-02	2.08E-02
230	372952	3756319	Commercial	1.02E-02	1.83E-01	7.18E-03	4.39E-02	4.00E-02	5.77E-01	2.45E-02	5.06E-01	9.83E-02	5.58E-02	2.05E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
231	372951	3756245	Commercial	9.90E-03	1.77E-01	6.89E-03	4.50E-02	4.21E-02	5.79E-01	2.52E-02	4.93E-01	9.54E-02	5.46E-02	2.05E-02
232	372927	3756270	Commercial	1.01E-02	1.81E-01	7.09E-03	4.50E-02	4.16E-02	5.84E-01	2.52E-02	5.03E-01	9.77E-02	5.57E-02	2.07E-02
233	373033	3756268	Commercial	9.68E-03	1.72E-01	6.71E-03	4.26E-02	3.93E-02	5.53E-01	2.38E-02	4.81E-01	9.26E-02	5.28E-02	1.96E-02
234	373139	3756266	Commercial	9.28E-03	1.64E-01	6.38E-03	4.07E-02	3.75E-02	5.27E-01	2.27E-02	4.62E-01	8.82E-02	5.03E-02	1.87E-02
235	373245	3756264	Commercial	8.92E-03	1.57E-01	6.09E-03	3.90E-02	3.59E-02	5.04E-01	2.17E-02	4.44E-01	8.44E-02	4.81E-02	1.79E-02
236	373351	3756262	Commercial	8.59E-03	1.50E-01	5.83E-03	3.74E-02	3.45E-02	4.84E-01	2.08E-02	4.28E-01	8.09E-02	4.61E-02	1.72E-02
237	373457	3756261	Commercial	8.29E-03	1.45E-01	5.60E-03	3.60E-02	3.31E-02	4.65E-01	2.00E-02	4.13E-01	7.78E-02	4.43E-02	1.65E-02
238	373482	3756235	Commercial	8.16E-03	1.43E-01	5.53E-03	3.60E-02	3.33E-02	4.63E-01	2.00E-02	4.07E-01	7.68E-02	4.39E-02	1.64E-02
239	373480	3756123	Commercial	7.84E-03	1.38E-01	5.37E-03	3.68E-02	3.50E-02	4.65E-01	2.06E-02	3.93E-01	7.50E-02	4.32E-02	1.64E-02
240	373479	3756010	Commercial	7.43E-03	1.32E-01	5.15E-03	3.66E-02	3.53E-02	4.57E-01	2.05E-02	3.74E-01	7.22E-02	4.17E-02	1.61E-02
241	373477	3755897	Commercial	6.95E-03	1.26E-01	4.90E-03	3.52E-02	3.43E-02	4.39E-01	1.97E-02	3.50E-01	6.86E-02	3.98E-02	1.54E-02
242	373476	3755785	Commercial	6.44E-03	1.18E-01	4.63E-03	3.57E-02	3.58E-02	4.35E-01	2.01E-02	3.27E-01	6.52E-02	3.82E-02	1.51E-02
243	373474	3755672	Commercial	5.90E-03	1.10E-01	4.34E-03	3.52E-02	3.60E-02	4.22E-01	1.98E-02	3.02E-01	6.13E-02	3.62E-02	1.46E-02
244	373473	3755559	Commercial	5.34E-03	1.01E-01	4.03E-03	3.37E-02	3.49E-02	4.00E-01	1.90E-02	2.74E-01	5.69E-02	3.38E-02	1.38E-02
245	373447	3755535	Commercial	5.24E-03	1.00E-01	3.99E-03	3.35E-02	3.48E-02	3.97E-01	1.89E-02	2.69E-01	5.62E-02	3.34E-02	1.37E-02
246	373334	3755539	Commercial	5.39E-03	1.03E-01	4.13E-03	3.48E-02	3.63E-02	4.12E-01	1.97E-02	2.77E-01	5.81E-02	3.46E-02	1.42E-02
247	373221	3755544	Commercial	5.54E-03	1.07E-01	4.28E-03	3.61E-02	3.78E-02	4.28E-01	2.05E-02	2.85E-01	6.02E-02	3.59E-02	1.47E-02
248	373197	3755568	Commercial	5.70E-03	1.10E-01	4.38E-03	3.71E-02	3.87E-02	4.39E-01	2.10E-02	2.93E-01	6.18E-02	3.68E-02	1.51E-02
249	373196	3755636	Commercial	6.08E-03	1.15E-01	4.58E-03	3.86E-02	4.02E-02	4.58E-01	2.19E-02	3.12E-01	6.48E-02	3.86E-02	1.58E-02
250	373194	3755705	Commercial	6.45E-03	1.21E-01	4.77E-03	3.98E-02	4.12E-02	4.74E-01	2.25E-02	3.31E-01	6.77E-02	4.02E-02	1.63E-02
251	373220	3755680	Commercial	6.28E-03	1.18E-01	4.67E-03	3.90E-02	4.04E-02	4.64E-01	2.21E-02	3.22E-01	6.62E-02	3.93E-02	1.60E-02
252	373135	3755679	Commercial	6.39E-03	1.21E-01	4.78E-03	4.04E-02	4.21E-02	4.79E-01	2.29E-02	3.29E-01	6.78E-02	4.04E-02	1.65E-02
253	373160	3755704	Commercial	6.49E-03	1.22E-01	4.82E-03	4.04E-02	4.19E-02	4.80E-01	2.28E-02	3.33E-01	6.83E-02	4.06E-02	1.66E-02
254	373158	3755635	Commercial	6.12E-03	1.16E-01	4.63E-03	3.92E-02	4.09E-02	4.64E-01	2.22E-02	3.15E-01	6.55E-02	3.90E-02	1.60E-02
255	373156	3755566	Commercial	5.74E-03	1.11E-01	4.43E-03	3.75E-02	3.92E-02	4.44E-01	2.13E-02	2.95E-01	6.24E-02	3.72E-02	1.52E-02
256	373132	3755542	Commercial	5.63E-03	1.09E-01	4.39E-03	3.71E-02	3.88E-02	4.39E-01	2.10E-02	2.89E-01	6.17E-02	3.68E-02	1.51E-02
257	373055	3755538	Commercial	5.70E-03	1.12E-01	4.49E-03	3.78E-02	3.97E-02	4.48E-01	2.15E-02	2.93E-01	6.29E-02	3.75E-02	1.54E-02
258	373079	3755562	Commercial	5.81E-03	1.13E-01	4.52E-03	3.84E-02	4.02E-02	4.54E-01	2.18E-02	2.99E-01	6.37E-02	3.80E-02	1.56E-02
259	373077	3755465	Commercial	5.26E-03	1.04E-01	4.22E-03	3.59E-02	3.79E-02	4.24E-01	2.04E-02	2.71E-01	5.90E-02	3.53E-02	1.45E-02
260	373075	3755368	Commercial	4.81E-03	9.51E-02	3.87E-03	3.49E-02	3.75E-02	4.05E-01	1.99E-02	2.50E-01	5.44E-02	3.28E-02	1.38E-02
261	373073	3755271	Commercial	4.62E-03	8.55E-02	3.50E-03	3.36E-02	3.64E-02	3.81E-01	1.90E-02	2.43E-01	4.95E-02	3.02E-02	1.30E-02
262	373071	3755174	Commercial	4.46E-03	7.81E-02	3.09E-03	3.21E-02	3.50E-02	3.58E-01	1.81E-02	2.37E-01	4.54E-02	2.79E-02	1.22E-02
263	373046	3755149	Commercial	4.55E-03	7.99E-02	3.12E-03	3.21E-02	3.47E-02	3.60E-01	1.80E-02	2.41E-01	4.62E-02	2.83E-02	1.23E-02
264	372939	3755150	Commercial	4.80E-03	8.48E-02	3.31E-03	3.29E-02	3.53E-02	3.72E-01	1.85E-02	2.53E-01	4.87E-02	2.96E-02	1.28E-02
265	372832	3755151	Commercial	5.06E-03	9.00E-02	3.52E-03	3.36E-02	3.58E-02	3.84E-01	1.89E-02	2.65E-01	5.14E-02	3.11E-02	1.32E-02
266	372725	3755152	Commercial	5.34E-03	9.58E-02	3.76E-03	3.44E-02	3.62E-02	3.98E-01	1.94E-02	2.78E-01	5.44E-02	3.27E-02	1.37E-02
267	372623	3755157	Commercial	5.63E-03	1.02E-01	4.00E-03	3.52E-02	3.67E-02	4.11E-01	1.98E-02	2.91E-01	5.74E-02	3.43E-02	1.42E-02
268	372527	3755158	Commercial	5.91E-03	1.08E-01	4.25E-03	3.59E-02	3.71E-02	4.25E-01	2.02E-02	3.04E-01	6.05E-02	3.60E-02	1.47E-02
269	372431	3755159	Commercial	6.23E-03	1.15E-01	4.55E-03	3.66E-02	3.74E-02	4.40E-01	2.07E-02	3.18E-01	6.41E-02	3.78E-02	1.52E-02
270	372334	3755160	Commercial	6.57E-03	1.23E-01	4.90E-03	3.74E-02	3.77E-02	4.56E-01	2.11E-02	3.33E-01	6.82E-02	4.00E-02	1.58E-02
271	372237	3755161	Commercial	6.96E-03	1.33E-01	5.32E-03	3.83E-02	3.80E-02	4.75E-01	2.16E-02	3.50E-01	7.30E-02	4.25E-02	1.65E-02
272	372139	3755161	Commercial	7.43E-03	1.45E-01	5.85E-03	3.92E-02	3.82E-02	4.98E-01	2.22E-02	3.70E-01	7.91E-02	4.56E-02	1.74E-02
273	372040	3755162	Commercial	8.00E-03	1.60E-01	6.55E-03	4.03E-02	3.83E-02	5.28E-01	2.29E-02	3.93E-01	8.69E-02	4.97E-02	1.84E-02
274	371941	3755163	Commercial	8.73E-03	1.81E-01	7.51E-03	4.17E-02	3.84E-02	5.66E-01	2.39E-02	4.23E-01	9.74E-02	5.51E-02	1.98E-02
275	371843	3755164	Commercial	9.71E-03	2.11E-01	8.85E-03	4.35E-02	3.84E-02	6.20E-01	2.51E-02	4.62E-01	1.12E-01	6.26E-02	2.17E-02
276	371748	3755165	Commercial	1.10E-02	2.50E-01	1.07E-02	4.59E-02	3.84E-02	6.92E-01	2.68E-02	5.11E-01	1.32E-01	7.27E-02	2.42E-02
277	371653	3755165	Commercial	1.25E-02	2.97E-01	1.28E-02	4.87E-02	3.84E-02	7.77E-01	2.87E-02	5.70E-01	1.55E-01	8.47E-02	2.73E-02
278	371558	3755166	Commercial	2.19E-02	6.05E-01	2.76E-02	6.71E-02	3.87E-02	1.35E+00	4.19E-02	9.27E-01	3.11E-01	1.64E-01	4.72E-02
279	371463	3755167	Commercial	2.42E-02	6.81E-01	3.07E-02	7.22E-02	3.95E-02	1.49E+00	4.54E-02	1.02E+00	3.48E-01	1.84E-01	5.22E-02
280	371359	3755168	Commercial	2.91E-02	8.43E-01	3.80E-02	8.24E-02	4.04E-02	1.79E+00	5.26E-02	1.21E+00	4.29E-01	2.25E-01	6.28E-02
281	371256	3755169	Commercial	2.22E-02	6.06E-01	2.77E-02	6.91E-02	4.11E-02	1.36E+00	4.30E-02	9.43E-01	3.12E-01	1.65E-01	4.77E-02
282	371152	3755170	Commercial	1.49E-02	3.59E-01	1.65E-02	5.53E-02	4.19E-02	9.14E-01	3.29E-02	6.66E-01	1.89E-01	1.02E-01	3.20E-02
283	371049	3755171	Commercial	1.26E-02	2.82E-01	1.31E-02	5.13E-02	4.26E-02	7.78E-01	2.99E-02	5.82E-01	1.51E-01	8.26E-02	2.72E-02
284	371024	3755197	Commercial	1.25E-02	2.74E-01	1.27E-02	5.15E-02	4.34E-02	7.68E-01	2.99E-02	5.79E-01	1.47E-01	8.07E-02	2.69E-02
285	371028	3755273	Commercial	1.38E-02	3.08E-01	1.43E-02	5.50E-02	4.52E-02	8.41E-01	3.21E-02	6.35E-01	1.64E-01	8.98E-02	2.95E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
286	371031	3755350	Commercial	1.41E-02	3.09E-01	1.43E-02	5.68E-02	4.73E-02	8.55E-01	3.30E-02	6.52E-01	1.65E-01	9.05E-02	3.00E-02
287	371020	3755376	Commercial	1.38E-02	2.94E-01	1.36E-02	5.67E-02	4.81E-02	8.34E-01	3.28E-02	6.41E-01	1.58E-01	8.70E-02	2.92E-02
288	371018	3755470	Commercial	1.34E-02	2.74E-01	1.26E-02	6.08E-02	5.50E-02	8.39E-01	3.48E-02	6.39E-01	1.49E-01	8.33E-02	2.93E-02
289	371017	3755556	Commercial	1.26E-02	2.39E-01	1.11E-02	6.50E-02	6.31E-02	8.26E-01	3.68E-02	6.18E-01	1.33E-01	7.63E-02	2.87E-02
290	371040	3755532	Commercial	1.33E-02	2.67E-01	1.23E-02	6.45E-02	6.04E-02	8.61E-01	3.69E-02	6.42E-01	1.47E-01	8.29E-02	3.00E-02
291	371026	3755420	Commercial	1.33E-02	2.75E-01	1.27E-02	5.80E-02	5.12E-02	8.18E-01	3.33E-02	6.29E-01	1.49E-01	8.28E-02	2.86E-02
292	371016	3755399	Commercial	1.35E-02	2.82E-01	1.30E-02	5.72E-02	4.98E-02	8.21E-01	3.29E-02	6.33E-01	1.52E-01	8.41E-02	2.87E-02
293	370916	3755327	Commercial	1.17E-02	2.27E-01	1.05E-02	5.23E-02	4.76E-02	7.06E-01	2.97E-02	5.60E-01	1.24E-01	6.95E-02	2.48E-02
294	370816	3755255	Commercial	1.03E-02	1.96E-01	8.24E-03	4.93E-02	4.63E-02	6.42E-01	2.78E-02	5.06E-01	1.07E-01	6.09E-02	2.25E-02
385	370885	3757751	Commercial	2.24E-02	3.20E-01	1.16E-02	6.08E-02	4.35E-02	8.37E-01	3.15E-02	1.11E+00	1.66E-01	9.12E-02	3.16E-02
386	370907	3757702	Commercial	2.27E-02	3.25E-01	1.18E-02	6.19E-02	4.44E-02	8.51E-01	3.20E-02	1.12E+00	1.69E-01	9.27E-02	3.22E-02
387	370945	3757670	Commercial	2.26E-02	3.24E-01	1.19E-02	6.16E-02	4.42E-02	8.49E-01	3.19E-02	1.12E+00	1.69E-01	9.26E-02	3.21E-02
388	371046	3757668	Commercial	2.17E-02	3.18E-01	1.19E-02	5.88E-02	4.16E-02	8.22E-01	3.06E-02	1.07E+00	1.65E-01	9.04E-02	3.10E-02
389	371046	3757585	Commercial	2.26E-02	3.51E-01	1.31E-02	6.14E-02	4.25E-02	8.89E-01	3.24E-02	1.10E+00	1.81E-01	9.90E-02	3.33E-02
390	371122	3757584	Commercial	2.19E-02	3.50E-01	1.31E-02	5.97E-02	4.11E-02	8.78E-01	3.17E-02	1.07E+00	1.80E-01	9.82E-02	3.28E-02
399	371970	3757842	Commercial	1.40E-02	2.40E-01	8.93E-03	3.93E-02	2.70E-02	5.96E-01	2.13E-02	6.78E-01	1.23E-01	6.70E-02	2.21E-02
400	372023	3757843	Commercial	1.36E-02	2.35E-01	8.74E-03	3.85E-02	2.66E-02	5.84E-01	2.09E-02	6.59E-01	1.20E-01	6.56E-02	2.16E-02
401	372020	3757552	Commercial	1.25E-02	2.29E-01	8.47E-03	3.80E-02	2.72E-02	5.78E-01	2.09E-02	6.01E-01	1.17E-01	6.41E-02	2.12E-02
402	372002	3757140	Commercial	1.42E-02	2.28E-01	8.56E-03	3.88E-02	2.69E-02	5.72E-01	2.07E-02	6.93E-01	1.17E-01	6.39E-02	2.14E-02
403	371514	3757136	Commercial	1.71E-02	2.74E-01	1.01E-02	4.69E-02	3.23E-02	6.88E-01	2.49E-02	8.35E-01	1.41E-01	7.68E-02	2.57E-02
404	371035	3757133	Commercial	2.42E-02	4.42E-01	1.63E-02	6.68E-02	4.36E-02	1.06E+00	3.66E-02	1.16E+00	2.25E-01	1.22E-01	3.92E-02
405	371034	3757085	Commercial	2.43E-02	4.34E-01	1.59E-02	6.61E-02	4.29E-02	1.04E+00	3.60E-02	1.16E+00	2.21E-01	1.20E-01	3.86E-02
406	370764	3757087	Commercial	3.06E-02	5.89E-01	2.20E-02	8.45E-02	5.37E-02	1.39E+00	4.70E-02	1.45E+00	2.99E-01	1.61E-01	5.10E-02
407	370754	3756818	Commercial	3.03E-02	5.54E-01	2.09E-02	7.28E-02	4.01E-02	1.24E+00	3.98E-02	1.43E+00	2.80E-01	1.50E-01	4.63E-02
408	371031	3756807	Commercial	2.48E-02	4.47E-01	1.67E-02	6.16E-02	3.58E-02	1.02E+00	3.35E-02	1.18E+00	2.26E-01	1.21E-01	3.80E-02
409	371033	3756780	Commercial	2.47E-02	4.50E-01	1.68E-02	6.10E-02	3.49E-02	1.02E+00	3.33E-02	1.17E+00	2.27E-01	1.22E-01	3.80E-02
410	371483	3756770	Commercial	1.94E-02	3.40E-01	1.27E-02	4.94E-02	3.08E-02	7.98E-01	2.70E-02	9.28E-01	1.73E-01	9.31E-02	2.97E-02
411	371817	3756763	Commercial	1.64E-02	2.85E-01	1.07E-02	4.32E-02	2.83E-02	6.85E-01	2.37E-02	7.89E-01	1.46E-01	7.87E-02	2.55E-02
412	372274	3756753	Commercial	1.30E-02	2.24E-01	8.45E-03	3.72E-02	2.64E-02	5.65E-01	2.04E-02	6.26E-01	1.15E-01	6.30E-02	2.08E-02
413	372713	3756743	Commercial	1.08E-02	1.86E-01	7.08E-03	3.47E-02	2.68E-02	5.00E-01	1.91E-02	5.26E-01	9.70E-02	5.35E-02	1.83E-02
414	372703	3756553	Commercial	1.21E-02	2.21E-01	8.89E-03	4.12E-02	3.27E-02	6.01E-01	2.30E-02	5.81E-01	1.16E-01	6.39E-02	2.17E-02
415	372819	3756549	Commercial	1.11E-02	1.97E-01	7.75E-03	3.97E-02	3.29E-02	5.57E-01	2.21E-02	5.40E-01	1.04E-01	5.76E-02	2.01E-02
416	372814	3756455	Commercial	1.15E-02	2.10E-01	8.35E-03	4.31E-02	3.64E-02	6.04E-01	2.41E-02	5.57E-01	1.11E-01	6.18E-02	2.16E-02
417	372797	3756368	Commercial	1.14E-02	2.10E-01	8.36E-03	4.66E-02	4.11E-02	6.34E-01	2.62E-02	5.57E-01	1.12E-01	6.30E-02	2.26E-02
418	372705	3756372	Commercial	1.23E-02	2.35E-01	9.45E-03	4.88E-02	4.21E-02	6.84E-01	2.76E-02	5.96E-01	1.24E-01	6.95E-02	2.43E-02
419	372706	3756327	Commercial	1.18E-02	2.20E-01	8.75E-03	5.05E-02	4.55E-02	6.78E-01	2.84E-02	5.78E-01	1.18E-01	6.64E-02	2.40E-02
420	372927	3756319	Commercial	1.04E-02	1.86E-01	7.30E-03	4.45E-02	4.05E-02	5.86E-01	2.49E-02	5.12E-01	9.98E-02	5.66E-02	2.08E-02
421	372926	3756245	Commercial	1.00E-02	1.79E-01	6.97E-03	4.55E-02	4.26E-02	5.86E-01	2.55E-02	4.98E-01	9.65E-02	5.52E-02	2.07E-02
422	373457	3756236	Commercial	8.23E-03	1.44E-01	5.58E-03	3.63E-02	3.37E-02	4.67E-01	2.02E-02	4.10E-01	7.75E-02	4.43E-02	1.66E-02
423	373448	3755560	Commercial	5.37E-03	1.02E-01	4.06E-03	3.39E-02	3.52E-02	4.03E-01	1.92E-02	2.76E-01	5.73E-02	3.40E-02	1.39E-02
424	373222	3755569	Commercial	5.67E-03	1.09E-01	4.35E-03	3.68E-02	3.84E-02	4.35E-01	2.08E-02	2.91E-01	6.13E-02	3.65E-02	1.50E-02
425	373219	3755705	Commercial	6.41E-03	1.20E-01	4.74E-03	3.94E-02	4.07E-02	4.69E-01	2.23E-02	3.29E-01	6.72E-02	3.99E-02	1.62E-02
426	373135	3755704	Commercial	6.53E-03	1.23E-01	4.85E-03	4.09E-02	4.24E-02	4.85E-01	2.31E-02	3.36E-01	6.89E-02	4.09E-02	1.67E-02
427	373131	3755567	Commercial	5.77E-03	1.12E-01	4.46E-03	3.78E-02	3.96E-02	4.48E-01	2.15E-02	2.97E-01	6.29E-02	3.75E-02	1.54E-02
428	373054	3755563	Commercial	5.85E-03	1.14E-01	4.56E-03	3.87E-02	4.05E-02	4.58E-01	2.20E-02	3.01E-01	6.42E-02	3.83E-02	1.57E-02
429	373046	3755174	Commercial	4.52E-03	7.91E-02	3.12E-03	3.23E-02	3.51E-02	3.61E-01	1.82E-02	2.40E-01	4.60E-02	2.82E-02	1.23E-02
430	372725	3755177	Commercial	5.31E-03	9.50E-02	3.72E-03	3.47E-02	3.68E-02	3.99E-01	1.95E-02	2.77E-01	5.41E-02	3.26E-02	1.38E-02
431	372624	3755182	Commercial	5.59E-03	1.01E-01	3.96E-03	3.56E-02	3.73E-02	4.13E-01	2.00E-02	2.90E-01	5.71E-02	3.42E-02	1.43E-02
432	372238	3755186	Commercial	6.94E-03	1.32E-01	5.27E-03	3.87E-02	3.87E-02	4.78E-01	2.19E-02	3.50E-01	7.27E-02	4.24E-02	1.66E-02
433	371843	3755189	Commercial	9.82E-03	2.14E-01	8.98E-03	4.44E-02	3.94E-02	6.31E-01	2.56E-02	4.67E-01	1.14E-01	6.36E-02	2.21E-02
434	371463	3755192	Commercial	2.89E-02	8.40E-01	3.76E-02	8.19E-02	3.99E-02	1.78E+00	5.23E-02	1.20E+00	4.27E-01	2.25E-01	6.26E-02
435	371049	3755196	Commercial	1.31E-02	2.95E-01	1.36E-02	5.25E-02	4.32E-02	8.04E-01	3.07E-02	6.02E-01	1.57E-01	8.59E-02	2.82E-02
436	371056	3755349	Commercial	1.49E-02	3.36E-01	1.55E-02	5.82E-02	4.70E-02	9.04E-01	3.41E-02	6.81E-01	1.79E-01	9.75E-02	3.17E-02
437	371043	3755384	Commercial	1.44E-02	3.14E-01	1.45E-02	5.83E-02	4.88E-02	8.74E-01	3.39E-02	6.64E-01	1.68E-01	9.23E-02	3.06E-02
438	371042	3755556	Commercial	1.28E-02	2.48E-01	1.15E-02	6.53E-02	6.29E-02	8.41E-01	3.71E-02	6.25E-01	1.38E-01	7.86E-02	2.92E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
439	370996	3755560	Commercial	1.23E-02	2.28E-01	1.06E-02	6.48E-02	6.37E-02	8.09E-01	3.66E-02	6.09E-01	1.28E-01	7.36E-02	2.81E-02
440	371001	3755419	Commercial	1.29E-02	2.58E-01	1.19E-02	5.70E-02	5.12E-02	7.87E-01	3.26E-02	6.12E-01	1.40E-01	7.85E-02	2.75E-02
441	370801	3755276	Commercial	1.04E-02	2.00E-01	7.92E-03	5.01E-02	4.70E-02	6.52E-01	2.82E-02	5.15E-01	1.08E-01	6.16E-02	2.29E-02
1	372249	3757612	Residence	1.12E-02	2.01E-01	7.45E-03	3.45E-02	2.52E-02	5.16E-01	1.90E-02	5.40E-01	1.03E-01	5.66E-02	1.89E-02
2	372499	3757612	Residence	1.01E-02	1.70E-01	6.29E-03	3.11E-02	2.34E-02	4.48E-01	1.69E-02	4.92E-01	8.78E-02	4.83E-02	1.65E-02
3	372249	3757862	Residence	1.21E-02	2.13E-01	7.91E-03	3.52E-02	2.48E-02	5.34E-01	1.93E-02	5.84E-01	1.09E-01	5.95E-02	1.97E-02
4	372499	3757862	Residence	1.04E-02	1.87E-01	6.98E-03	3.18E-02	2.32E-02	4.80E-01	1.76E-02	5.03E-01	9.64E-02	5.28E-02	1.76E-02
5	372249	3758112	Residence	1.26E-02	2.05E-01	7.69E-03	3.43E-02	2.34E-02	5.11E-01	1.83E-02	6.10E-01	1.06E-01	5.74E-02	1.91E-02
6	372499	3758112	Residence	1.13E-02	1.90E-01	7.11E-03	3.14E-02	2.16E-02	4.73E-01	1.69E-02	5.46E-01	9.77E-02	5.32E-02	1.76E-02
7	372249	3758362	Residence	1.20E-02	1.83E-01	6.93E-03	3.28E-02	2.30E-02	4.68E-01	1.72E-02	5.89E-01	9.48E-02	5.18E-02	1.76E-02
8	372499	3758362	Residence	1.13E-02	1.78E-01	6.72E-03	3.10E-02	2.16E-02	4.51E-01	1.65E-02	5.50E-01	9.21E-02	5.03E-02	1.69E-02
9	373793	3755335	Residence	4.02E-03	7.72E-02	3.09E-03	2.68E-02	2.82E-02	3.15E-01	1.52E-02	2.07E-01	4.37E-02	2.61E-02	1.08E-02
10	374093	3755335	Residence	3.86E-03	7.29E-02	2.91E-03	2.52E-02	2.64E-02	2.95E-01	1.42E-02	1.99E-01	4.12E-02	2.46E-02	1.02E-02
11	373793	3755710	Residence	5.68E-03	1.04E-01	4.09E-03	3.14E-02	3.14E-02	3.83E-01	1.77E-02	2.88E-01	5.75E-02	3.37E-02	1.33E-02
12	374093	3755710	Residence	5.34E-03	9.70E-02	3.81E-03	2.82E-02	2.79E-02	3.48E-01	1.59E-02	2.70E-01	5.33E-02	3.11E-02	1.22E-02
13	373793	3756085	Residence	7.07E-03	1.24E-01	4.83E-03	3.27E-02	3.08E-02	4.14E-01	1.82E-02	3.54E-01	6.73E-02	3.87E-02	1.47E-02
14	374093	3756085	Residence	6.53E-03	1.14E-01	4.43E-03	2.95E-02	2.76E-02	3.76E-01	1.64E-02	3.26E-01	6.17E-02	3.53E-02	1.33E-02
15	373793	3756460	Residence	7.64E-03	1.29E-01	4.99E-03	2.96E-02	2.59E-02	3.93E-01	1.63E-02	3.78E-01	6.89E-02	3.88E-02	1.41E-02
16	374093	3756460	Residence	7.00E-03	1.18E-01	4.55E-03	2.74E-02	2.42E-02	3.61E-01	1.51E-02	3.47E-01	6.29E-02	3.55E-02	1.30E-02
17	373793	3756835	Residence	7.56E-03	1.31E-01	5.03E-03	2.75E-02	2.30E-02	3.78E-01	1.52E-02	3.71E-01	6.91E-02	3.86E-02	1.36E-02
18	374093	3756835	Residence	6.92E-03	1.19E-01	4.57E-03	2.58E-02	2.20E-02	3.49E-01	1.42E-02	3.40E-01	6.29E-02	3.52E-02	1.26E-02
19	373793	3757210	Residence	8.04E-03	1.32E-01	5.03E-03	2.56E-02	2.01E-02	3.61E-01	1.39E-02	3.94E-01	6.91E-02	3.82E-02	1.32E-02
20	374093	3757210	Residence	7.40E-03	1.23E-01	4.67E-03	2.41E-02	1.91E-02	3.37E-01	1.31E-02	3.62E-01	6.42E-02	3.55E-02	1.24E-02
21	373793	3757585	Residence	7.44E-03	1.15E-01	4.38E-03	2.35E-02	1.86E-02	3.21E-01	1.26E-02	3.67E-01	6.06E-02	3.36E-02	1.18E-02
22	374093	3757585	Residence	7.02E-03	1.10E-01	4.18E-03	2.26E-02	1.80E-02	3.08E-01	1.21E-02	3.46E-01	5.78E-02	3.21E-02	1.13E-02
23	373793	3757960	Residence	6.11E-03	9.42E-02	3.55E-03	2.12E-02	1.78E-02	2.78E-01	1.14E-02	3.04E-01	5.00E-02	2.80E-02	1.02E-02
24	374093	3757960	Residence	5.79E-03	8.61E-02	3.29E-03	2.02E-02	1.72E-02	2.60E-01	1.08E-02	2.89E-01	4.60E-02	2.59E-02	9.52E-03
25	373793	3758335	Residence	6.33E-03	1.13E-01	4.27E-03	2.12E-02	1.67E-02	3.07E-01	1.18E-02	3.08E-01	5.90E-02	3.26E-02	1.11E-02
26	374093	3758335	Residence	5.54E-03	9.86E-02	3.73E-03	1.97E-02	1.61E-02	2.77E-01	1.09E-02	2.71E-01	5.16E-02	2.87E-02	1.00E-02
27	373793	3758710	Residence	7.30E-03	1.22E-01	4.61E-03	2.16E-02	1.59E-02	3.17E-01	1.17E-02	3.55E-01	6.33E-02	3.47E-02	1.17E-02
28	374093	3758710	Residence	6.45E-03	1.11E-01	4.18E-03	1.99E-02	1.50E-02	2.91E-01	1.09E-02	3.13E-01	5.74E-02	3.15E-02	1.07E-02
30	367278	3755614	Residence	2.94E-02	4.97E-01	1.92E-02	6.48E-02	3.34E-02	1.09E+00	3.45E-02	1.39E+00	2.52E-01	1.34E-01	4.14E-02
31	367231	3755722	Residence	3.08E-02	5.23E-01	2.02E-02	6.74E-02	3.41E-02	1.14E+00	3.59E-02	1.46E+00	2.65E-01	1.41E-01	4.33E-02
32	367185	3755830	Residence	3.11E-02	5.31E-01	2.04E-02	6.85E-02	3.49E-02	1.17E+00	3.66E-02	1.47E+00	2.69E-01	1.43E-01	4.41E-02
33	367138	3755938	Residence	3.08E-02	5.43E-01	2.09E-02	6.93E-02	3.56E-02	1.19E+00	3.74E-02	1.45E+00	2.75E-01	1.46E-01	4.48E-02
34	367091	3756047	Residence	3.01E-02	5.05E-01	1.94E-02	6.83E-02	3.69E-02	1.13E+00	3.64E-02	1.43E+00	2.57E-01	1.37E-01	4.27E-02
35	367048	3756147	Residence	2.95E-02	4.80E-01	1.84E-02	6.81E-02	3.86E-02	1.10E+00	3.60E-02	1.41E+00	2.45E-01	1.31E-01	4.14E-02
36	367005	3756247	Residence	2.77E-02	4.33E-01	1.66E-02	6.65E-02	4.05E-02	1.02E+00	3.49E-02	1.34E+00	2.22E-01	1.19E-01	3.87E-02
37	366962	3756348	Residence	2.62E-02	3.92E-01	1.50E-02	6.53E-02	4.25E-02	9.60E-01	3.40E-02	1.27E+00	2.02E-01	1.10E-01	3.64E-02
38	366918	3756450	Residence	2.50E-02	3.58E-01	1.37E-02	6.45E-02	4.42E-02	9.09E-01	3.34E-02	1.23E+00	1.86E-01	1.01E-01	3.45E-02
39	366874	3756551	Residence	2.36E-02	3.27E-01	1.25E-02	6.29E-02	4.51E-02	8.60E-01	3.25E-02	1.16E+00	1.71E-01	9.39E-02	3.26E-02
40	366830	3756653	Residence	2.24E-02	3.02E-01	1.15E-02	6.20E-02	4.63E-02	8.21E-01	3.19E-02	1.11E+00	1.59E-01	8.76E-02	3.11E-02
41	366840	3756685	Residence	2.23E-02	2.96E-01	1.13E-02	6.22E-02	4.70E-02	8.15E-01	3.20E-02	1.11E+00	1.56E-01	8.64E-02	3.09E-02
42	366890	3756714	Residence	2.26E-02	2.94E-01	1.12E-02	6.35E-02	4.85E-02	8.21E-01	3.26E-02	1.13E+00	1.56E-01	8.64E-02	3.11E-02
43	366879	3756683	Residence	2.27E-02	3.00E-01	1.15E-02	6.33E-02	4.79E-02	8.27E-01	3.25E-02	1.13E+00	1.58E-01	8.75E-02	3.13E-02
44	366852	3756751	Residence	2.19E-02	2.84E-01	1.08E-02	6.21E-02	4.78E-02	7.99E-01	3.18E-02	1.10E+00	1.51E-01	8.36E-02	3.03E-02
45	366884	3756737	Residence	2.23E-02	2.90E-01	1.11E-02	6.31E-02	4.85E-02	8.13E-01	3.24E-02	1.12E+00	1.54E-01	8.51E-02	3.08E-02
46	366821	3756715	Residence	2.19E-02	2.89E-01	1.10E-02	6.15E-02	4.68E-02	8.01E-01	3.16E-02	1.09E+00	1.53E-01	8.45E-02	3.03E-02
47	366790	3756728	Residence	2.16E-02	2.84E-01	1.08E-02	6.06E-02	4.62E-02	7.88E-01	3.11E-02	1.08E+00	1.50E-01	8.31E-02	2.99E-02
48	366745	3756823	Residence	2.04E-02	2.62E-01	1.00E-02	5.85E-02	4.57E-02	7.46E-01	3.00E-02	1.02E+00	1.39E-01	7.74E-02	2.82E-02
49	366700	3756919	Residence	1.89E-02	2.40E-01	9.16E-03	5.63E-02	4.52E-02	7.04E-01	2.89E-02	9.49E-01	1.28E-01	7.17E-02	2.66E-02
50	366655	3757014	Residence	1.76E-02	2.33E-01	8.95E-03	5.43E-02	4.41E-02	6.86E-01	2.82E-02	8.85E-01	1.24E-01	6.96E-02	2.57E-02
51	366608	3757113	Residence	1.70E-02	2.32E-01	8.94E-03	5.29E-02	4.28E-02	6.77E-01	2.76E-02	8.48E-01	1.24E-01	6.91E-02	2.52E-02
52	366561	3757212	Residence	1.73E-02	2.33E-01	8.94E-03	5.20E-02	4.13E-02	6.68E-01	2.70E-02	8.66E-01	1.24E-01	6.89E-02	2.51E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
53	366514	3757311	Residence	1.75E-02	2.33E-01	8.94E-03	5.08E-02	3.95E-02	6.58E-01	2.63E-02	8.74E-01	1.24E-01	6.86E-02	2.48E-02
54	366464	3757416	Residence	1.75E-02	2.33E-01	8.93E-03	4.96E-02	3.78E-02	6.47E-01	2.55E-02	8.72E-01	1.23E-01	6.82E-02	2.44E-02
55	366415	3757520	Residence	1.73E-02	2.32E-01	8.90E-03	4.83E-02	3.63E-02	6.36E-01	2.48E-02	8.61E-01	1.22E-01	6.75E-02	2.40E-02
56	366434	3757556	Residence	1.74E-02	2.34E-01	8.99E-03	4.85E-02	3.64E-02	6.40E-01	2.50E-02	8.67E-01	1.23E-01	6.81E-02	2.42E-02
57	366484	3757562	Residence	1.77E-02	2.38E-01	9.14E-03	4.92E-02	3.69E-02	6.50E-01	2.54E-02	8.82E-01	1.26E-01	6.93E-02	2.46E-02
58	366567	3757525	Residence	1.83E-02	2.44E-01	9.37E-03	5.09E-02	3.83E-02	6.69E-01	2.62E-02	9.12E-01	1.29E-01	7.12E-02	2.53E-02
59	366621	3757539	Residence	1.87E-02	2.49E-01	9.57E-03	5.17E-02	3.87E-02	6.81E-01	2.66E-02	9.29E-01	1.31E-01	7.25E-02	2.58E-02
60	366646	3757556	Residence	1.88E-02	2.52E-01	9.68E-03	5.19E-02	3.88E-02	6.86E-01	2.67E-02	9.35E-01	1.33E-01	7.32E-02	2.60E-02
61	366713	3757550	Residence	1.93E-02	2.58E-01	9.92E-03	5.30E-02	3.95E-02	7.02E-01	2.73E-02	9.58E-01	1.36E-01	7.50E-02	2.66E-02
62	366779	3757545	Residence	1.98E-02	2.64E-01	1.02E-02	5.42E-02	4.02E-02	7.18E-01	2.78E-02	9.82E-01	1.39E-01	7.68E-02	2.72E-02
63	366839	3757583	Residence	2.00E-02	2.72E-01	1.05E-02	5.45E-02	4.01E-02	7.31E-01	2.81E-02	9.91E-01	1.43E-01	7.87E-02	2.77E-02
64	366913	3757623	Residence	2.03E-02	2.83E-01	1.10E-02	5.53E-02	4.04E-02	7.52E-01	2.87E-02	1.00E+00	1.49E-01	8.15E-02	2.84E-02
65	366986	3757664	Residence	2.05E-02	2.97E-01	1.17E-02	5.59E-02	4.03E-02	7.77E-01	2.92E-02	1.00E+00	1.55E-01	8.50E-02	2.92E-02
66	367074	3757713	Residence	2.07E-02	3.18E-01	1.27E-02	5.64E-02	3.98E-02	8.14E-01	2.99E-02	1.01E+00	1.66E-01	9.05E-02	3.04E-02
67	367162	3757761	Residence	2.06E-02	3.36E-01	1.37E-02	5.66E-02	3.92E-02	8.45E-01	3.05E-02	9.91E-01	1.75E-01	9.50E-02	3.13E-02
68	367300	3757718	Residence	2.40E-02	4.30E-01	1.80E-02	6.39E-02	4.11E-02	1.03E+00	3.52E-02	1.13E+00	2.22E-01	1.20E-01	3.79E-02
69	367385	3757734	Residence	2.39E-02	4.38E-01	1.84E-02	6.43E-02	4.13E-02	1.04E+00	3.57E-02	1.12E+00	2.27E-01	1.22E-01	3.84E-02
70	367398	3757758	Residence	2.19E-02	3.88E-01	1.61E-02	6.07E-02	4.08E-02	9.51E-01	3.34E-02	1.04E+00	2.01E-01	1.09E-01	3.50E-02
71	367506	3757818	Residence	1.63E-02	2.27E-01	8.88E-03	4.97E-02	3.94E-02	6.47E-01	2.60E-02	8.10E-01	1.21E-01	6.70E-02	2.41E-02
72	367533	3757826	Residence	1.64E-02	2.20E-01	8.30E-03	4.93E-02	3.92E-02	6.33E-01	2.56E-02	8.19E-01	1.17E-01	6.51E-02	2.37E-02
73	367561	3757814	Residence	1.67E-02	2.23E-01	8.40E-03	4.99E-02	3.95E-02	6.39E-01	2.58E-02	8.36E-01	1.18E-01	6.59E-02	2.40E-02
78	367786	3757842	Residence	1.84E-02	1.99E-01	7.46E-03	5.05E-02	3.98E-02	5.94E-01	2.49E-02	9.37E-01	1.07E-01	6.01E-02	2.30E-02
79	367782	3757935	Residence	1.83E-02	2.02E-01	7.71E-03	4.90E-02	3.78E-02	5.88E-01	2.42E-02	9.25E-01	1.08E-01	6.04E-02	2.28E-02
80	367752	3757969	Residence	1.78E-02	1.98E-01	7.58E-03	4.81E-02	3.72E-02	5.78E-01	2.38E-02	9.04E-01	1.07E-01	5.94E-02	2.23E-02
81	367775	3758021	Residence	1.80E-02	2.06E-01	7.84E-03	4.77E-02	3.61E-02	5.85E-01	2.36E-02	9.08E-01	1.10E-01	6.10E-02	2.26E-02
82	367808	3758034	Residence	1.83E-02	2.12E-01	8.07E-03	4.79E-02	3.59E-02	5.95E-01	2.38E-02	9.20E-01	1.13E-01	6.26E-02	2.30E-02
83	367866	3758009	Residence	1.90E-02	2.22E-01	8.42E-03	4.91E-02	3.62E-02	6.14E-01	2.43E-02	9.54E-01	1.18E-01	6.51E-02	2.38E-02
84	367924	3757985	Residence	1.97E-02	2.32E-01	8.79E-03	5.03E-02	3.66E-02	6.34E-01	2.49E-02	9.88E-01	1.23E-01	6.77E-02	2.46E-02
85	367938	3757954	Residence	2.00E-02	2.34E-01	8.87E-03	5.10E-02	3.73E-02	6.41E-01	2.52E-02	1.01E+00	1.24E-01	6.84E-02	2.49E-02
86	367928	3757923	Residence	2.01E-02	2.30E-01	8.76E-03	5.15E-02	3.79E-02	6.39E-01	2.54E-02	1.01E+00	1.23E-01	6.77E-02	2.48E-02
87	367915	3757953	Residence	1.98E-02	2.29E-01	8.70E-03	5.07E-02	3.73E-02	6.33E-01	2.51E-02	9.96E-01	1.22E-01	6.72E-02	2.45E-02
88	368017	3757908	Residence	2.12E-02	2.48E-01	9.41E-03	5.30E-02	3.81E-02	6.72E-01	2.62E-02	1.06E+00	1.31E-01	7.23E-02	2.61E-02
89	368119	3757863	Residence	2.26E-02	2.69E-01	1.02E-02	5.55E-02	3.89E-02	7.15E-01	2.74E-02	1.13E+00	1.42E-01	7.79E-02	2.78E-02
90	368180	3757839	Residence	2.35E-02	2.83E-01	1.07E-02	5.70E-02	3.93E-02	7.42E-01	2.81E-02	1.17E+00	1.49E-01	8.14E-02	2.88E-02
91	368242	3757814	Residence	2.55E-02	2.99E-01	1.12E-02	5.93E-02	3.97E-02	7.70E-01	2.89E-02	1.27E+00	1.57E-01	8.55E-02	3.02E-02
92	368318	3757785	Residence	2.80E-02	3.18E-01	1.19E-02	6.23E-02	4.02E-02	8.07E-01	2.99E-02	1.40E+00	1.67E-01	9.07E-02	3.20E-02
93	368407	3757788	Residence	3.09E-02	3.39E-01	1.25E-02	6.48E-02	3.98E-02	8.39E-01	3.05E-02	1.55E+00	1.77E-01	9.59E-02	3.37E-02
94	368505	3757789	Residence	3.35E-02	3.58E-01	1.31E-02	6.71E-02	3.93E-02	8.67E-01	3.10E-02	1.68E+00	1.86E-01	1.01E-01	3.52E-02
95	368603	3757790	Residence	3.50E-02	3.70E-01	1.34E-02	6.84E-02	3.90E-02	8.86E-01	3.13E-02	1.75E+00	1.92E-01	1.04E-01	3.62E-02
96	368628	3757765	Residence	3.60E-02	3.80E-01	1.38E-02	7.00E-02	3.96E-02	9.07E-01	3.20E-02	1.80E+00	1.97E-01	1.06E-01	3.71E-02
97	368676	3757781	Residence	3.56E-02	3.78E-01	1.36E-02	6.95E-02	3.95E-02	9.02E-01	3.19E-02	1.78E+00	1.96E-01	1.06E-01	3.68E-02
98	368759	3757821	Residence	3.45E-02	4.02E-01	1.50E-02	6.92E-02	3.90E-02	9.46E-01	3.27E-02	1.71E+00	2.08E-01	1.12E-01	3.79E-02
99	368839	3757872	Residence	3.36E-02	4.37E-01	1.60E-02	6.92E-02	3.80E-02	1.01E+00	3.38E-02	1.65E+00	2.24E-01	1.20E-01	3.97E-02
100	368921	3757924	Residence	3.41E-02	4.57E-01	1.64E-02	6.96E-02	3.69E-02	1.03E+00	3.41E-02	1.67E+00	2.32E-01	1.25E-01	4.07E-02
101	369004	3757976	Residence	3.30E-02	4.54E-01	1.61E-02	6.78E-02	3.57E-02	1.02E+00	3.35E-02	1.61E+00	2.30E-01	1.23E-01	4.01E-02
102	369038	3757969	Residence	3.29E-02	4.57E-01	1.62E-02	6.79E-02	3.57E-02	1.03E+00	3.37E-02	1.61E+00	2.32E-01	1.24E-01	4.03E-02
103	369101	3757878	Residence	3.51E-02	4.96E-01	1.75E-02	7.22E-02	3.73E-02	1.11E+00	3.59E-02	1.72E+00	2.51E-01	1.34E-01	4.33E-02
104	369067	3757885	Residence	3.54E-02	4.93E-01	1.74E-02	7.22E-02	3.73E-02	1.10E+00	3.58E-02	1.73E+00	2.50E-01	1.34E-01	4.32E-02
105	369139	3757930	Residence	3.24E-02	4.65E-01	1.63E-02	6.83E-02	3.64E-02	1.05E+00	3.43E-02	1.58E+00	2.35E-01	1.26E-01	4.08E-02
106	369211	3757974	Residence	2.85E-02	4.20E-01	1.48E-02	6.34E-02	3.59E-02	9.66E-01	3.23E-02	1.39E+00	2.13E-01	1.15E-01	3.73E-02
107	369243	3757968	Residence	2.74E-02	4.10E-01	1.44E-02	6.24E-02	3.61E-02	9.49E-01	3.19E-02	1.34E+00	2.08E-01	1.12E-01	3.65E-02
108	369305	3757894	Residence	2.71E-02	4.21E-01	1.51E-02	6.37E-02	3.76E-02	9.81E-01	3.31E-02	1.32E+00	2.14E-01	1.15E-01	3.74E-02
109	369366	3757820	Residence	2.72E-02	4.66E-01	1.66E-02	6.69E-02	3.94E-02	1.08E+00	3.57E-02	1.31E+00	2.35E-01	1.27E-01	4.04E-02
110	369436	3757794	Residence	2.54E-02	4.91E-01	1.73E-02	6.71E-02	4.02E-02	1.13E+00	3.72E-02	1.20E+00	2.46E-01	1.33E-01	4.16E-02
111	369435	3757760	Residence	2.63E-02	5.07E-01	1.78E-02	6.91E-02	4.10E-02	1.16E+00	3.82E-02	1.25E+00	2.54E-01	1.37E-01	4.30E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
112	369251	3758017	Residence	2.56E-02	3.81E-01	1.34E-02	5.94E-02	3.52E-02	8.94E-01	3.04E-02	1.25E+00	1.94E-01	1.05E-01	3.43E-02
113	369344	3758083	Residence	2.20E-02	3.74E-01	1.34E-02	5.57E-02	3.42E-02	8.79E-01	2.98E-02	1.06E+00	1.89E-01	1.02E-01	3.29E-02
114	369437	3758148	Residence	1.84E-02	3.58E-01	1.27E-02	5.18E-02	3.33E-02	8.47E-01	2.88E-02	8.77E-01	1.81E-01	9.78E-02	3.11E-02
115	369429	3758218	Residence	1.76E-02	3.39E-01	1.21E-02	4.97E-02	3.22E-02	8.07E-01	2.76E-02	8.41E-01	1.71E-01	9.29E-02	2.97E-02
116	369432	3758306	Residence	1.64E-02	3.17E-01	1.13E-02	4.71E-02	3.09E-02	7.60E-01	2.62E-02	7.84E-01	1.60E-01	8.70E-02	2.79E-02
117	369435	3758395	Residence	1.54E-02	2.97E-01	1.06E-02	4.47E-02	2.98E-02	7.17E-01	2.49E-02	7.34E-01	1.51E-01	8.18E-02	2.63E-02
118	369460	3758419	Residence	1.46E-02	2.90E-01	1.04E-02	4.37E-02	2.96E-02	7.03E-01	2.45E-02	6.94E-01	1.47E-01	7.98E-02	2.56E-02
119	369558	3758419	Residence	1.36E-02	2.75E-01	9.81E-03	4.26E-02	2.99E-02	6.78E-01	2.40E-02	6.46E-01	1.39E-01	7.60E-02	2.46E-02
120	369657	3758419	Residence	1.32E-02	2.53E-01	9.02E-03	4.15E-02	2.99E-02	6.39E-01	2.31E-02	6.35E-01	1.29E-01	7.06E-02	2.33E-02
121	369755	3758419	Residence	1.25E-02	2.25E-01	8.09E-03	3.99E-02	2.99E-02	5.88E-01	2.19E-02	6.08E-01	1.16E-01	6.37E-02	2.15E-02
122	369853	3758419	Residence	1.16E-02	1.95E-01	7.08E-03	3.79E-02	2.96E-02	5.32E-01	2.06E-02	5.68E-01	1.01E-01	5.62E-02	1.95E-02
123	369878	3758394	Residence	1.15E-02	1.91E-01	6.94E-03	3.78E-02	2.98E-02	5.25E-01	2.05E-02	5.65E-01	9.92E-02	5.51E-02	1.92E-02
124	369877	3758289	Residence	1.23E-02	2.06E-01	7.51E-03	3.99E-02	3.11E-02	5.61E-01	2.16E-02	6.04E-01	1.07E-01	5.93E-02	2.06E-02
125	369876	3758183	Residence	1.32E-02	2.25E-01	8.21E-03	4.23E-02	3.24E-02	6.03E-01	2.30E-02	6.48E-01	1.17E-01	6.44E-02	2.21E-02
126	369962	3758103	Residence	1.46E-02	2.14E-01	7.96E-03	4.37E-02	3.36E-02	5.89E-01	2.30E-02	7.23E-01	1.12E-01	6.21E-02	2.20E-02
127	370075	3758103	Residence	1.50E-02	1.79E-01	6.57E-03	4.32E-02	3.43E-02	5.27E-01	2.18E-02	7.59E-01	9.54E-02	5.35E-02	2.01E-02
128	370187	3758103	Residence	1.61E-02	1.81E-01	6.57E-03	4.44E-02	3.48E-02	5.32E-01	2.20E-02	8.18E-01	9.67E-02	5.41E-02	2.05E-02
129	370299	3758103	Residence	1.67E-02	1.74E-01	7.07E-03	4.47E-02	3.51E-02	5.23E-01	2.19E-02	8.48E-01	9.51E-02	5.31E-02	2.03E-02
136	370506	3758113	Residence	1.73E-02	1.95E-01	7.56E-03	4.59E-02	3.49E-02	5.59E-01	2.27E-02	8.75E-01	1.05E-01	5.81E-02	2.16E-02
137	370601	3758113	Residence	1.74E-02	2.09E-01	7.97E-03	4.63E-02	3.46E-02	5.82E-01	2.31E-02	8.76E-01	1.11E-01	6.14E-02	2.24E-02
138	370696	3758114	Residence	1.76E-02	2.29E-01	8.71E-03	4.72E-02	3.47E-02	6.19E-01	2.40E-02	8.76E-01	1.20E-01	6.64E-02	2.36E-02
139	370791	3758114	Residence	1.87E-02	2.85E-01	1.12E-02	4.99E-02	3.45E-02	7.21E-01	2.63E-02	9.09E-01	1.48E-01	8.06E-02	2.70E-02
140	370886	3758114	Residence	2.00E-02	3.44E-01	1.39E-02	5.26E-02	3.37E-02	8.26E-01	2.85E-02	9.54E-01	1.78E-01	9.57E-02	3.06E-02
154	371170	3757732	Residence	2.02E-02	2.98E-01	1.12E-02	5.45E-02	3.83E-02	7.68E-01	2.84E-02	9.93E-01	1.55E-01	8.47E-02	2.89E-02
155	371240	3757783	Residence	1.93E-02	2.85E-01	1.07E-02	5.20E-02	3.66E-02	7.32E-01	2.71E-02	9.50E-01	1.48E-01	8.08E-02	2.76E-02
156	371264	3757808	Residence	1.90E-02	2.78E-01	1.05E-02	5.11E-02	3.60E-02	7.17E-01	2.66E-02	9.33E-01	1.45E-01	7.91E-02	2.70E-02
157	371372	3757807	Residence	1.84E-02	2.79E-01	1.05E-02	4.93E-02	3.41E-02	7.08E-01	2.59E-02	8.99E-01	1.45E-01	7.89E-02	2.66E-02
158	371385	3757827	Residence	1.82E-02	2.75E-01	1.03E-02	4.88E-02	3.38E-02	6.98E-01	2.56E-02	8.90E-01	1.42E-01	7.76E-02	2.63E-02
159	371485	3757895	Residence	1.72E-02	2.60E-01	9.78E-03	4.61E-02	3.20E-02	6.60E-01	2.42E-02	8.41E-01	1.34E-01	7.34E-02	2.48E-02
160	371585	3757964	Residence	1.63E-02	2.46E-01	9.28E-03	4.37E-02	3.04E-02	6.25E-01	2.29E-02	7.97E-01	1.27E-01	6.95E-02	2.35E-02
161	371684	3758032	Residence	1.55E-02	2.33E-01	8.81E-03	4.15E-02	2.89E-02	5.93E-01	2.18E-02	7.57E-01	1.21E-01	6.59E-02	2.23E-02
162	371784	3758101	Residence	1.47E-02	2.21E-01	8.37E-03	3.95E-02	2.76E-02	5.64E-01	2.07E-02	7.19E-01	1.15E-01	6.26E-02	2.12E-02
163	371818	3758095	Residence	1.46E-02	2.22E-01	8.38E-03	3.93E-02	2.73E-02	5.63E-01	2.06E-02	7.13E-01	1.15E-01	6.26E-02	2.12E-02
164	371873	3758022	Residence	1.46E-02	2.30E-01	8.65E-03	3.94E-02	2.70E-02	5.77E-01	2.09E-02	7.12E-01	1.19E-01	6.47E-02	2.16E-02
165	371928	3757949	Residence	1.44E-02	2.36E-01	8.81E-03	3.89E-02	2.63E-02	5.83E-01	2.08E-02	6.99E-01	1.21E-01	6.58E-02	2.18E-02
166	371969	3757946	Residence	1.42E-02	2.33E-01	8.71E-03	3.83E-02	2.58E-02	5.76E-01	2.05E-02	6.86E-01	1.20E-01	6.51E-02	2.15E-02
167	371989	3757924	Residence	1.40E-02	2.33E-01	8.72E-03	3.83E-02	2.59E-02	5.77E-01	2.06E-02	6.79E-01	1.20E-01	6.52E-02	2.15E-02
295	370737	3755244	Residence	1.11E-02	2.35E-01	8.64E-03	5.16E-02	4.65E-02	7.11E-01	2.94E-02	5.42E-01	1.23E-01	6.99E-02	2.50E-02
296	370669	3755237	Residence	1.20E-02	2.70E-01	9.87E-03	5.37E-02	4.66E-02	7.77E-01	3.10E-02	5.78E-01	1.41E-01	7.88E-02	2.73E-02
297	370571	3755237	Residence	1.34E-02	3.25E-01	1.18E-02	5.72E-02	4.70E-02	8.79E-01	3.34E-02	6.35E-01	1.67E-01	9.25E-02	3.09E-02
298	370476	3755238	Residence	1.59E-02	3.81E-01	1.36E-02	6.13E-02	4.72E-02	9.80E-01	3.58E-02	7.48E-01	1.94E-01	1.06E-01	3.47E-02
299	370380	3755238	Residence	1.87E-02	4.33E-01	1.53E-02	6.54E-02	4.73E-02	1.07E+00	3.80E-02	8.78E-01	2.19E-01	1.20E-01	3.84E-02
300	370279	3755239	Residence	2.16E-02	4.79E-01	1.68E-02	6.95E-02	4.76E-02	1.16E+00	3.99E-02	1.02E+00	2.41E-01	1.31E-01	4.17E-02
301	370177	3755240	Residence	2.43E-02	5.08E-01	1.77E-02	7.29E-02	4.80E-02	1.21E+00	4.12E-02	1.15E+00	2.55E-01	1.38E-01	4.40E-02
302	370076	3755240	Residence	2.65E-02	5.12E-01	1.78E-02	7.48E-02	4.83E-02	1.22E+00	4.15E-02	1.27E+00	2.58E-01	1.40E-01	4.47E-02
303	369979	3755241	Residence	2.81E-02	4.91E-01	1.72E-02	7.51E-02	4.83E-02	1.18E+00	4.06E-02	1.36E+00	2.48E-01	1.35E-01	4.38E-02
304	369883	3755241	Residence	2.92E-02	4.50E-01	1.60E-02	7.42E-02	4.81E-02	1.10E+00	3.87E-02	1.43E+00	2.30E-01	1.25E-01	4.15E-02
306	369690	3755242	Residence	3.39E-02	4.59E-01	1.89E-02	7.72E-02	4.76E-02	1.11E+00	3.90E-02	1.65E+00	2.40E-01	1.29E-01	4.28E-02
307	369594	3755243	Residence	3.66E-02	5.24E-01	1.93E-02	8.18E-02	4.76E-02	1.22E+00	4.15E-02	1.79E+00	2.68E-01	1.44E-01	4.72E-02
308	369498	3755243	Residence	3.51E-02	4.62E-01	1.57E-02	7.87E-02	4.78E-02	1.11E+00	3.89E-02	1.74E+00	2.36E-01	1.28E-01	4.33E-02
309	369396	3755244	Residence	3.42E-02	4.61E-01	1.57E-02	7.81E-02	4.78E-02	1.11E+00	3.89E-02	1.70E+00	2.35E-01	1.28E-01	4.31E-02
310	369295	3755244	Residence	3.42E-02	5.47E-01	1.85E-02	8.31E-02	5.01E-02	1.28E+00	4.35E-02	1.67E+00	2.76E-01	1.49E-01	4.87E-02
311	369193	3755245	Residence	3.21E-02	6.11E-01	2.07E-02	8.60E-02	5.28E-02	1.42E+00	4.74E-02	1.53E+00	3.06E-01	1.65E-01	5.25E-02
312	369092	3755245	Residence	3.21E-02	6.39E-01	2.19E-02	8.95E-02	5.60E-02	1.49E+00	5.00E-02	1.53E+00	3.20E-01	1.73E-01	5.48E-02
313	368991	3755246	Residence	3.55E-02	6.34E-01	2.18E-02	9.41E-02	5.92E-02	1.50E+00	5.10E-02	1.71E+00	3.19E-01	1.73E-01	5.57E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
314	368889	3755247	Residence	3.69E-02	6.00E-01	2.11E-02	9.42E-02	5.97E-02	1.44E+00	4.98E-02	1.80E+00	3.05E-01	1.65E-01	5.41E-02
315	368782	3755247	Residence	3.66E-02	5.69E-01	2.00E-02	9.14E-02	5.79E-02	1.37E+00	4.77E-02	1.79E+00	2.89E-01	1.57E-01	5.19E-02
316	368676	3755248	Residence	4.01E-02	5.41E-01	1.93E-02	9.13E-02	5.59E-02	1.30E+00	4.56E-02	1.98E+00	2.77E-01	1.50E-01	5.05E-02
317	368569	3755248	Residence	4.34E-02	5.19E-01	1.86E-02	9.14E-02	5.40E-02	1.24E+00	4.37E-02	2.16E+00	2.67E-01	1.44E-01	4.95E-02
318	368471	3755249	Residence	4.41E-02	4.89E-01	1.79E-02	8.92E-02	5.21E-02	1.18E+00	4.17E-02	2.21E+00	2.53E-01	1.37E-01	4.74E-02
319	368373	3755249	Residence	4.26E-02	4.51E-01	1.68E-02	8.56E-02	5.07E-02	1.10E+00	3.95E-02	2.14E+00	2.35E-01	1.27E-01	4.46E-02
320	368275	3755250	Residence	3.96E-02	4.09E-01	1.56E-02	8.14E-02	5.01E-02	1.02E+00	3.76E-02	1.99E+00	2.15E-01	1.17E-01	4.15E-02
321	368167	3755230	Residence	3.66E-02	3.65E-01	1.41E-02	7.72E-02	4.95E-02	9.43E-01	3.56E-02	1.85E+00	1.94E-01	1.06E-01	3.82E-02
322	368054	3755209	Residence	3.34E-02	3.25E-01	1.27E-02	7.29E-02	4.90E-02	8.69E-01	3.38E-02	1.69E+00	1.74E-01	9.52E-02	3.51E-02
323	367941	3755189	Residence	3.10E-02	2.96E-01	1.17E-02	6.92E-02	4.79E-02	8.11E-01	3.22E-02	1.57E+00	1.59E-01	8.76E-02	3.27E-02
324	367824	3755185	Residence	2.87E-02	2.85E-01	1.13E-02	6.56E-02	4.58E-02	7.81E-01	3.09E-02	1.45E+00	1.53E-01	8.42E-02	3.12E-02
325	367711	3755181	Residence	2.66E-02	2.88E-01	1.15E-02	6.19E-02	4.27E-02	7.69E-01	2.97E-02	1.34E+00	1.54E-01	8.40E-02	3.04E-02
326	367598	3755178	Residence	2.46E-02	2.94E-01	1.18E-02	5.79E-02	3.90E-02	7.61E-01	2.85E-02	1.22E+00	1.56E-01	8.47E-02	2.96E-02
327	367484	3755174	Residence	2.24E-02	2.95E-01	1.18E-02	5.36E-02	3.53E-02	7.42E-01	2.70E-02	1.10E+00	1.55E-01	8.38E-02	2.85E-02
328	367461	3755189	Residence	2.19E-02	3.01E-01	1.18E-02	5.28E-02	3.44E-02	7.48E-01	2.69E-02	1.07E+00	1.57E-01	8.50E-02	2.86E-02
329	367415	3755295	Residence	2.28E-02	3.42E-01	1.31E-02	5.33E-02	3.21E-02	8.08E-01	2.76E-02	1.11E+00	1.76E-01	9.46E-02	3.08E-02
330	367369	3755401	Residence	2.52E-02	3.86E-01	1.49E-02	5.68E-02	3.22E-02	8.86E-01	2.94E-02	1.22E+00	1.97E-01	1.06E-01	3.38E-02
331	367324	3755507	Residence	2.73E-02	4.43E-01	1.69E-02	6.08E-02	3.28E-02	9.92E-01	3.20E-02	1.30E+00	2.25E-01	1.20E-01	3.77E-02
332	367484	3755199	Residence	2.23E-02	3.03E-01	1.20E-02	5.37E-02	3.50E-02	7.55E-01	2.72E-02	1.09E+00	1.58E-01	8.57E-02	2.90E-02
333	367301	3755623	Residence	2.99E-02	5.08E-01	1.96E-02	6.58E-02	3.37E-02	1.12E+00	3.51E-02	1.42E+00	2.57E-01	1.37E-01	4.22E-02
334	367114	3756056	Residence	3.06E-02	5.16E-01	1.97E-02	6.93E-02	3.72E-02	1.15E+00	3.69E-02	1.46E+00	2.62E-01	1.40E-01	4.35E-02
335	366985	3756358	Residence	2.64E-02	3.94E-01	1.51E-02	6.60E-02	4.31E-02	9.67E-01	3.44E-02	1.29E+00	2.03E-01	1.10E-01	3.66E-02
336	366853	3756663	Residence	2.26E-02	3.02E-01	1.15E-02	6.26E-02	4.70E-02	8.25E-01	3.22E-02	1.12E+00	1.59E-01	8.78E-02	3.12E-02
337	366902	3756692	Residence	2.28E-02	3.00E-01	1.15E-02	6.39E-02	4.86E-02	8.31E-01	3.28E-02	1.14E+00	1.59E-01	8.77E-02	3.15E-02
338	366876	3756760	Residence	2.20E-02	2.84E-01	1.09E-02	6.26E-02	4.84E-02	8.03E-01	3.21E-02	1.10E+00	1.51E-01	8.38E-02	3.04E-02
339	366813	3756739	Residence	2.17E-02	2.83E-01	1.08E-02	6.11E-02	4.68E-02	7.91E-01	3.14E-02	1.08E+00	1.50E-01	8.32E-02	3.00E-02
340	366677	3757025	Residence	1.77E-02	2.34E-01	9.02E-03	5.48E-02	4.46E-02	6.92E-01	2.85E-02	8.86E-01	1.25E-01	7.02E-02	2.59E-02
341	366536	3757322	Residence	1.77E-02	2.35E-01	9.02E-03	5.13E-02	3.98E-02	6.63E-01	2.64E-02	8.86E-01	1.25E-01	6.92E-02	2.50E-02
342	366437	3757531	Residence	1.75E-02	2.34E-01	8.97E-03	4.86E-02	3.66E-02	6.41E-01	2.50E-02	8.68E-01	1.23E-01	6.81E-02	2.42E-02
343	366487	3757537	Residence	1.78E-02	2.38E-01	9.13E-03	4.95E-02	3.72E-02	6.51E-01	2.54E-02	8.85E-01	1.25E-01	6.93E-02	2.47E-02
344	366624	3757468	Residence	1.88E-02	2.48E-01	9.49E-03	5.23E-02	3.95E-02	6.83E-01	2.68E-02	9.35E-01	1.31E-01	7.23E-02	2.59E-02
345	366644	3757531	Residence	1.89E-02	2.51E-01	9.64E-03	5.22E-02	3.91E-02	6.87E-01	2.68E-02	9.38E-01	1.33E-01	7.31E-02	2.60E-02
346	366777	3757520	Residence	1.98E-02	2.63E-01	1.01E-02	5.45E-02	4.07E-02	7.18E-01	2.80E-02	9.86E-01	1.39E-01	7.67E-02	2.72E-02
347	366999	3757642	Residence	2.07E-02	2.98E-01	1.17E-02	5.65E-02	4.08E-02	7.82E-01	2.95E-02	1.02E+00	1.56E-01	8.54E-02	2.94E-02
348	367174	3757740	Residence	2.13E-02	3.50E-01	1.43E-02	5.80E-02	3.97E-02	8.72E-01	3.12E-02	1.02E+00	1.82E-01	9.86E-02	3.24E-02
349	367291	3757694	Residence	2.50E-02	4.52E-01	1.90E-02	6.58E-02	4.15E-02	1.07E+00	3.63E-02	1.18E+00	2.34E-01	1.25E-01	3.94E-02
350	367413	3757695	Residence	2.80E-02	5.55E-01	2.39E-02	7.24E-02	4.24E-02	1.26E+00	4.11E-02	1.29E+00	2.86E-01	1.52E-01	4.62E-02
351	367410	3757736	Residence	2.39E-02	4.43E-01	1.87E-02	6.46E-02	4.14E-02	1.05E+00	3.59E-02	1.12E+00	2.29E-01	1.23E-01	3.87E-02
352	367518	3757796	Residence	1.67E-02	2.33E-01	9.99E-03	5.06E-02	4.00E-02	6.64E-01	2.66E-02	8.23E-01	1.26E-01	6.94E-02	2.47E-02
353	367539	3757802	Residence	1.66E-02	2.28E-01	8.61E-03	5.03E-02	3.98E-02	6.51E-01	2.62E-02	8.27E-01	1.21E-01	6.72E-02	2.44E-02
354	367609	3757677	Residence	1.94E-02	2.70E-01	1.02E-02	5.65E-02	4.36E-02	7.48E-01	2.95E-02	9.64E-01	1.42E-01	7.87E-02	2.81E-02
355	367769	3757644	Residence	2.02E-02	2.79E-01	1.06E-02	5.83E-02	4.45E-02	7.70E-01	3.02E-02	1.01E+00	1.47E-01	8.13E-02	2.90E-02
356	367775	3757719	Residence	1.97E-02	2.49E-01	9.34E-03	5.54E-02	4.26E-02	7.03E-01	2.82E-02	9.87E-01	1.32E-01	7.33E-02	2.67E-02
357	367809	3757835	Residence	1.87E-02	1.99E-01	7.62E-03	5.08E-02	4.00E-02	5.97E-01	2.50E-02	9.51E-01	1.08E-01	6.04E-02	2.31E-02
358	367807	3757936	Residence	1.86E-02	2.06E-01	7.89E-03	4.94E-02	3.78E-02	5.97E-01	2.44E-02	9.41E-01	1.11E-01	6.17E-02	2.31E-02
359	367775	3757959	Residence	1.81E-02	2.02E-01	7.72E-03	4.86E-02	3.74E-02	5.86E-01	2.40E-02	9.18E-01	1.08E-01	6.04E-02	2.27E-02
360	367798	3758011	Residence	1.83E-02	2.09E-01	7.97E-03	4.82E-02	3.63E-02	5.93E-01	2.39E-02	9.21E-01	1.12E-01	6.20E-02	2.29E-02
361	367914	3757962	Residence	1.97E-02	2.29E-01	8.71E-03	5.06E-02	3.71E-02	6.33E-01	2.50E-02	9.93E-01	1.22E-01	6.72E-02	2.45E-02
362	367905	3757930	Residence	1.98E-02	2.26E-01	8.59E-03	5.10E-02	3.78E-02	6.31E-01	2.52E-02	9.98E-01	1.20E-01	6.65E-02	2.45E-02
363	368109	3757840	Residence	2.28E-02	2.67E-01	1.01E-02	5.60E-02	3.95E-02	7.13E-01	2.75E-02	1.14E+00	1.41E-01	7.74E-02	2.78E-02
364	368233	3757790	Residence	2.51E-02	2.96E-01	1.12E-02	5.95E-02	4.04E-02	7.71E-01	2.91E-02	1.25E+00	1.56E-01	8.51E-02	3.02E-02
365	368309	3757762	Residence	2.78E-02	3.17E-01	1.19E-02	6.26E-02	4.09E-02	8.09E-01	3.01E-02	1.39E+00	1.66E-01	9.05E-02	3.20E-02
366	368603	3757765	Residence	3.57E-02	3.77E-01	1.37E-02	6.96E-02	3.95E-02	9.02E-01	3.18E-02	1.79E+00	1.96E-01	1.06E-01	3.68E-02
367	368604	3757719	Residence	3.71E-02	3.90E-01	1.42E-02	7.21E-02	4.09E-02	9.32E-01	3.29E-02	1.86E+00	2.03E-01	1.09E-01	3.81E-02
368	368770	3757799	Residence	3.52E-02	4.08E-01	1.52E-02	7.04E-02	3.95E-02	9.60E-01	3.32E-02	1.75E+00	2.11E-01	1.13E-01	3.85E-02

Table 5-5
Summary of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	methyl alcohol (µg/m3)	methyl ethyl ketone (µg/m3)	methyl t-butyl ether (µg/m3)	naphthalene (µg/m3)	phenol (µg/m3)	propylene (µg/m3)	styrene (µg/m3)	toluene (µg/m3)	xylene, m- (µg/m3)	xylene, o- (µg/m3)	xylene, p- (µg/m3)
369	369017	3757954	Residence	3.35E-02	4.63E-01	1.64E-02	6.88E-02	3.61E-02	1.04E+00	3.40E-02	1.64E+00	2.34E-01	1.26E-01	4.08E-02
370	369080	3757864	Residence	3.60E-02	5.04E-01	1.77E-02	7.34E-02	3.77E-02	1.12E+00	3.64E-02	1.76E+00	2.54E-01	1.36E-01	4.40E-02
371	369224	3757952	Residence	2.87E-02	4.27E-01	1.50E-02	6.42E-02	3.63E-02	9.81E-01	3.27E-02	1.40E+00	2.16E-01	1.16E-01	3.78E-02
372	369409	3757730	Residence	2.83E-02	5.18E-01	1.83E-02	7.13E-02	4.17E-02	1.18E+00	3.89E-02	1.35E+00	2.60E-01	1.40E-01	4.41E-02
373	369454	3757776	Residence	2.53E-02	5.00E-01	1.76E-02	6.78E-02	4.07E-02	1.15E+00	3.78E-02	1.20E+00	2.51E-01	1.35E-01	4.23E-02
374	369265	3757997	Residence	2.57E-02	3.85E-01	1.37E-02	5.98E-02	3.56E-02	9.03E-01	3.07E-02	1.25E+00	1.96E-01	1.06E-01	3.46E-02
375	369452	3758128	Residence	1.83E-02	3.63E-01	1.29E-02	5.22E-02	3.36E-02	8.59E-01	2.92E-02	8.70E-01	1.83E-01	9.91E-02	3.15E-02
376	369460	3758394	Residence	1.48E-02	2.95E-01	1.05E-02	4.43E-02	2.99E-02	7.14E-01	2.48E-02	7.06E-01	1.49E-01	8.11E-02	2.61E-02
377	369853	3758394	Residence	1.17E-02	1.99E-01	7.21E-03	3.84E-02	2.99E-02	5.40E-01	2.08E-02	5.77E-01	1.03E-01	5.71E-02	1.98E-02
378	369850	3758078	Residence	1.46E-02	2.55E-01	9.23E-03	4.57E-02	3.41E-02	6.67E-01	2.49E-02	7.14E-01	1.31E-01	7.23E-02	2.45E-02
384	370886	3758089	Residence	2.11E-02	3.75E-01	1.53E-02	5.50E-02	3.44E-02	8.86E-01	3.01E-02	9.98E-01	1.93E-01	1.04E-01	3.28E-02
391	371193	3757720	Residence	2.02E-02	3.03E-01	1.13E-02	5.43E-02	3.79E-02	7.73E-01	2.84E-02	9.90E-01	1.57E-01	8.57E-02	2.91E-02
392	371254	3757762	Residence	1.94E-02	2.91E-01	1.09E-02	5.22E-02	3.64E-02	7.43E-01	2.73E-02	9.53E-01	1.51E-01	8.23E-02	2.80E-02
393	371264	3757783	Residence	1.92E-02	2.85E-01	1.07E-02	5.16E-02	3.61E-02	7.31E-01	2.70E-02	9.42E-01	1.48E-01	8.08E-02	2.75E-02
394	371372	3757782	Residence	1.85E-02	2.85E-01	1.07E-02	4.97E-02	3.42E-02	7.19E-01	2.62E-02	9.05E-01	1.47E-01	8.04E-02	2.70E-02
395	371399	3757806	Residence	1.82E-02	2.79E-01	1.05E-02	4.88E-02	3.36E-02	7.06E-01	2.57E-02	8.90E-01	1.44E-01	7.87E-02	2.65E-02
396	371798	3758080	Residence	1.47E-02	2.24E-01	8.47E-03	3.97E-02	2.76E-02	5.69E-01	2.08E-02	7.21E-01	1.16E-01	6.33E-02	2.14E-02
397	371908	3757934	Residence	1.45E-02	2.38E-01	8.90E-03	3.93E-02	2.65E-02	5.89E-01	2.10E-02	7.05E-01	1.22E-01	6.65E-02	2.20E-02
398	371964	3757922	Residence	1.42E-02	2.35E-01	8.79E-03	3.86E-02	2.61E-02	5.82E-01	2.07E-02	6.87E-01	1.21E-01	6.57E-02	2.17E-02
442	370667	3755262	Residence	1.21E-02	2.69E-01	9.84E-03	5.44E-02	4.74E-02	7.80E-01	3.13E-02	5.85E-01	1.40E-01	7.87E-02	2.74E-02
443	370380	3755263	Residence	1.87E-02	4.37E-01	1.55E-02	6.63E-02	4.84E-02	1.09E+00	3.86E-02	8.76E-01	2.21E-01	1.21E-01	3.88E-02
444	370076	3755265	Residence	2.68E-02	5.27E-01	1.83E-02	7.63E-02	4.92E-02	1.25E+00	4.25E-02	1.28E+00	2.65E-01	1.44E-01	4.58E-02
446	369498	3755268	Residence	3.58E-02	4.70E-01	1.59E-02	8.02E-02	4.86E-02	1.13E+00	3.95E-02	1.78E+00	2.39E-01	1.30E-01	4.41E-02
447	369194	3755270	Residence	3.36E-02	6.36E-01	2.16E-02	8.94E-02	5.46E-02	1.47E+00	4.92E-02	1.61E+00	3.18E-01	1.72E-01	5.47E-02
448	368889	3755272	Residence	3.79E-02	6.07E-01	2.14E-02	9.60E-02	6.09E-02	1.46E+00	5.06E-02	1.84E+00	3.08E-01	1.67E-01	5.50E-02
449	368569	3755273	Residence	4.48E-02	5.25E-01	1.89E-02	9.30E-02	5.45E-02	1.26E+00	4.42E-02	2.24E+00	2.71E-01	1.46E-01	5.02E-02
450	368275	3755275	Residence	4.01E-02	4.07E-01	1.56E-02	8.21E-02	5.07E-02	1.02E+00	3.78E-02	2.01E+00	2.15E-01	1.16E-01	4.16E-02
451	367936	3755213	Residence	3.10E-02	2.93E-01	1.16E-02	6.95E-02	4.83E-02	8.09E-01	3.22E-02	1.57E+00	1.58E-01	8.70E-02	3.27E-02
74	370324	3758078	School	1.74E-02	2.43E-01	9.19E-03	5.25E-02	4.12E-02	6.87E-01	2.74E-02	8.69E-01	1.28E-01	7.14E-02	2.57E-02
75	370324	3758078	School	1.89E-02	2.65E-01	1.00E-02	5.57E-02	4.32E-02	7.37E-01	2.91E-02	9.41E-01	1.40E-01	7.74E-02	2.76E-02
76	370324	3758078	School	1.90E-02	2.65E-01	1.00E-02	5.59E-02	4.32E-02	7.37E-01	2.91E-02	9.45E-01	1.40E-01	7.74E-02	2.76E-02
77	370324	3758078	School	1.94E-02	2.49E-01	9.37E-03	5.51E-02	4.25E-02	7.03E-01	2.81E-02	9.71E-01	1.32E-01	7.33E-02	2.67E-02
130	370324	3758078	School	1.74E-02	1.85E-01	7.43E-03	4.61E-02	3.56E-02	5.44E-01	2.26E-02	8.83E-01	1.00E-01	5.59E-02	2.12E-02
131	370381	3757991	School	1.92E-02	2.09E-01	8.15E-03	4.96E-02	3.73E-02	5.98E-01	2.43E-02	9.72E-01	1.13E-01	6.24E-02	2.33E-02
132	370435	3758019	School	1.88E-02	2.10E-01	8.10E-03	4.88E-02	3.67E-02	5.95E-01	2.40E-02	9.49E-01	1.12E-01	6.22E-02	2.31E-02
133	370499	3758050	School	1.83E-02	2.11E-01	8.10E-03	4.81E-02	3.61E-02	5.94E-01	2.38E-02	9.24E-01	1.13E-01	6.24E-02	2.30E-02
134	370485	3758025	School	1.87E-02	2.15E-01	8.26E-03	4.89E-02	3.65E-02	6.05E-01	2.42E-02	9.44E-01	1.15E-01	6.36E-02	2.34E-02
135	370481	3758086	School	1.77E-02	1.99E-01	7.69E-03	4.67E-02	3.54E-02	5.68E-01	2.30E-02	8.95E-01	1.07E-01	5.91E-02	2.20E-02
305	369787	3755242	School	3.05E-02	4.18E-01	1.56E-02	7.37E-02	4.80E-02	1.04E+00	3.73E-02	1.50E+00	2.16E-01	1.17E-01	3.98E-02
379	370299	3758078	School	1.74E-02	1.85E-01	7.48E-03	4.60E-02	3.56E-02	5.44E-01	2.26E-02	8.79E-01	1.00E-01	5.59E-02	2.11E-02
380	370298	3757963	School	1.98E-02	2.12E-01	8.40E-03	5.06E-02	3.79E-02	6.07E-01	2.47E-02	1.00E+00	1.14E-01	6.34E-02	2.37E-02
381	370382	3757966	School	1.97E-02	2.16E-01	8.34E-03	5.06E-02	3.78E-02	6.13E-01	2.48E-02	9.94E-01	1.16E-01	6.42E-02	2.39E-02
382	370510	3758027	School	1.87E-02	2.19E-01	8.36E-03	4.89E-02	3.64E-02	6.11E-01	2.43E-02	9.41E-01	1.16E-01	6.44E-02	2.36E-02
383	370506	3758088	School	1.77E-02	2.02E-01	7.78E-03	4.68E-02	3.54E-02	5.73E-01	2.32E-02	8.95E-01	1.08E-01	5.99E-02	2.22E-02
445	369787	3755267	School	3.08E-02	4.24E-01	1.56E-02	7.49E-02	4.90E-02	1.05E+00	3.80E-02	1.52E+00	2.19E-01	1.19E-01	4.05E-02

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard
			CalEPA Acute REL	NA	NA		470		2.5		1300		NA		NA		NA		55
29	370479	3756654	Commercial	7.08E+01	7.20E+01	4.28E+00	9.10E-03	1.23E-01	4.93E-02	1.24E+00	9.56E-04	1.97E-01	NA	2.91E-01	NA	1.25E-02	NA	8.79E+00	1.60E-01
141	370911	3758089	Commercial	3.49E+01	3.54E+01	1.95E+00	4.16E-03	1.17E-01	4.69E-02	5.78E-01	4.45E-04	1.29E-01	NA	1.48E-01	NA	7.62E-03	NA	4.10E+00	7.46E-02
142	370911	3757976	Commercial	3.66E+01	3.72E+01	2.04E+00	4.33E-03	1.28E-01	5.11E-02	6.03E-01	4.64E-04	1.38E-01	NA	1.56E-01	NA	8.17E-03	NA	4.28E+00	7.79E-02
143	370911	3757863	Commercial	3.39E+01	3.44E+01	1.78E+00	3.78E-03	1.37E-01	5.49E-02	5.31E-01	4.09E-04	1.37E-01	NA	1.51E-01	NA	9.15E-03	NA	3.78E+00	6.87E-02
144	370910	3757751	Commercial	3.48E+01	3.53E+01	1.79E+00	3.80E-03	1.45E-01	5.82E-02	5.35E-01	4.12E-04	1.42E-01	NA	1.57E-01	NA	9.90E-03	NA	3.81E+00	6.92E-02
145	370930	3757712	Commercial	3.52E+01	3.57E+01	1.80E+00	3.84E-03	1.48E-01	5.92E-02	5.41E-01	4.16E-04	1.45E-01	NA	1.58E-01	NA	1.00E-02	NA	3.85E+00	7.00E-02
146	370961	3757689	Commercial	3.50E+01	3.55E+01	1.80E+00	3.82E-03	1.47E-01	5.89E-02	5.39E-01	4.14E-04	1.44E-01	NA	1.58E-01	NA	9.93E-03	NA	3.83E+00	6.97E-02
147	371046	3757693	Commercial	3.40E+01	3.44E+01	1.75E+00	3.73E-03	1.40E-01	5.61E-02	5.25E-01	4.04E-04	1.38E-01	NA	1.52E-01	NA	9.47E-03	NA	3.74E+00	6.80E-02
148	371071	3757668	Commercial	3.43E+01	3.48E+01	1.79E+00	3.80E-03	1.39E-01	5.56E-02	5.34E-01	4.11E-04	1.38E-01	NA	1.53E-01	NA	9.36E-03	NA	3.80E+00	6.91E-02
149	371071	3757585	Commercial	3.66E+01	3.71E+01	1.95E+00	4.15E-03	1.43E-01	5.71E-02	5.82E-01	4.48E-04	1.45E-01	NA	1.60E-01	NA	9.31E-03	NA	4.14E+00	7.52E-02
150	371047	3757610	Commercial	3.60E+01	3.66E+01	1.90E+00	4.05E-03	1.42E-01	5.68E-02	5.68E-01	4.37E-04	1.44E-01	NA	1.59E-01	NA	9.50E-03	NA	4.04E+00	7.34E-02
151	371122	3757609	Commercial	3.55E+01	3.60E+01	1.90E+00	4.03E-03	1.38E-01	5.50E-02	5.65E-01	4.35E-04	1.41E-01	NA	1.55E-01	NA	9.01E-03	NA	4.02E+00	7.31E-02
152	371099	3757595	Commercial	3.60E+01	3.66E+01	1.93E+00	4.10E-03	1.40E-01	5.60E-02	5.74E-01	4.42E-04	1.43E-01	NA	1.58E-01	NA	9.14E-03	NA	4.08E+00	7.42E-02
153	371135	3757663	Commercial	3.40E+01	3.45E+01	1.79E+00	3.81E-03	1.34E-01	5.34E-02	5.35E-01	4.11E-04	1.35E-01	NA	1.50E-01	NA	8.99E-03	NA	3.80E+00	6.92E-02
168	371995	3757843	Commercial	2.38E+01	2.42E+01	1.32E+00	2.80E-03	9.10E-02	3.64E-02	3.91E-01	3.00E-04	9.46E-02	NA	1.01E-01	NA	5.35E-03	NA	2.78E+00	5.05E-02
169	371969	3757867	Commercial	2.40E+01	2.44E+01	1.32E+00	2.81E-03	9.08E-02	3.63E-02	3.92E-01	3.02E-04	9.47E-02	NA	1.02E-01	NA	5.50E-03	NA	2.79E+00	5.07E-02
170	372023	3757868	Commercial	2.35E+01	2.38E+01	1.30E+00	2.76E-03	8.95E-02	3.58E-02	3.85E-01	2.96E-04	9.31E-02	NA	9.96E-02	NA	5.32E-03	NA	2.74E+00	4.98E-02
171	372048	3757843	Commercial	2.33E+01	2.36E+01	1.29E+00	2.74E-03	8.96E-02	3.58E-02	3.83E-01	2.94E-04	9.30E-02	NA	9.81E-02	NA	5.16E-03	NA	2.72E+00	4.95E-02
172	372047	3757746	Commercial	2.32E+01	2.36E+01	1.30E+00	2.76E-03	9.16E-02	3.66E-02	3.86E-01	2.97E-04	9.45E-02	NA	9.63E-02	NA	4.87E-03	NA	2.75E+00	5.00E-02
173	372046	3757649	Commercial	2.28E+01	2.32E+01	1.29E+00	2.74E-03	9.21E-02	3.68E-02	3.83E-01	2.95E-04	9.46E-02	NA	9.32E-02	NA	4.54E-03	NA	2.73E+00	4.96E-02
174	372045	3757551	Commercial	2.24E+01	2.27E+01	1.26E+00	2.68E-03	9.14E-02	3.66E-02	3.74E-01	2.88E-04	9.33E-02	NA	9.16E-02	NA	4.51E-03	NA	2.66E+00	4.84E-02
175	372041	3757448	Commercial	2.20E+01	2.23E+01	1.21E+00	2.57E-03	8.98E-02	3.59E-02	3.60E-01	2.77E-04	9.09E-02	NA	9.26E-02	NA	4.94E-03	NA	2.56E+00	4.65E-02
176	372036	3757345	Commercial	2.14E+01	2.17E+01	1.14E+00	2.43E-03	8.99E-02	3.60E-02	3.42E-01	2.63E-04	8.91E-02	NA	9.24E-02	NA	5.30E-03	NA	2.43E+00	4.42E-02
177	372032	3757242	Commercial	2.19E+01	2.22E+01	1.16E+00	2.47E-03	9.07E-02	3.63E-02	3.48E-01	2.68E-04	9.03E-02	NA	9.56E-02	NA	5.58E-03	NA	2.47E+00	4.50E-02
178	372027	3757139	Commercial	2.33E+01	2.37E+01	1.26E+00	2.67E-03	9.05E-02	3.62E-02	3.74E-01	2.88E-04	9.27E-02	NA	1.01E-01	NA	5.78E-03	NA	2.66E+00	4.84E-02
179	372003	3757115	Commercial	2.38E+01	2.42E+01	1.28E+00	2.73E-03	9.10E-02	3.64E-02	3.82E-01	2.94E-04	9.38E-02	NA	1.03E-01	NA	5.86E-03	NA	2.72E+00	4.94E-02
180	371881	3757114	Commercial	2.48E+01	2.52E+01	1.34E+00	2.85E-03	9.45E-02	3.78E-02	3.98E-01	3.06E-04	9.75E-02	NA	1.08E-01	NA	6.13E-03	NA	2.83E+00	5.15E-02
181	371758	3757113	Commercial	2.59E+01	2.63E+01	1.39E+00	2.97E-03	9.85E-02	3.94E-02	4.15E-01	3.19E-04	1.02E-01	NA	1.13E-01	NA	6.42E-03	NA	2.95E+00	5.37E-02
182	371636	3757112	Commercial	2.71E+01	2.75E+01	1.46E+00	3.10E-03	1.03E-01	4.13E-02	4.34E-01	3.34E-04	1.06E-01	NA	1.18E-01	NA	6.74E-03	NA	3.08E+00	5.60E-02
183	371514	3757111	Commercial	2.83E+01	2.88E+01	1.52E+00	3.24E-03	1.09E-01	4.35E-02	4.54E-01	3.49E-04	1.12E-01	NA	1.24E-01	NA	7.09E-03	NA	3.22E+00	5.86E-02
184	371394	3757110	Commercial	3.07E+01	3.12E+01	1.66E+00	3.54E-03	1.15E-01	4.62E-02	4.95E-01	3.81E-04	1.20E-01	NA	1.33E-01	NA	7.48E-03	NA	3.52E+00	6.40E-02
185	371275	3757110	Commercial	3.40E+01	3.45E+01	1.87E+00	3.98E-03	1.24E-01	4.94E-02	5.55E-01	4.27E-04	1.31E-01	NA	1.45E-01	NA	7.92E-03	NA	3.94E+00	7.17E-02
186	371155	3757109	Commercial	3.79E+01	3.85E+01	2.11E+00	4.49E-03	1.33E-01	5.34E-02	6.25E-01	4.81E-04	1.44E-01	NA	1.60E-01	NA	8.39E-03	NA	4.45E+00	8.08E-02
187	371035	3757108	Commercial	4.24E+01	4.30E+01	2.39E+00	5.09E-03	1.46E-01	5.83E-02	7.08E-01	5.45E-04	1.60E-01	NA	1.77E-01	NA	8.91E-03	NA	5.03E+00	9.15E-02
188	371060	3757133	Commercial	4.17E+01	4.23E+01	2.36E+00	5.02E-03	1.45E-01	5.81E-02	6.97E-01	5.36E-04	1.58E-01	NA	1.74E-01	NA	8.69E-03	NA	4.96E+00	9.01E-02
189	371059	3757085	Commercial	4.12E+01	4.18E+01	2.31E+00	4.91E-03	1.43E-01	5.73E-02	6.83E-01	5.26E-04	1.55E-01	NA	1.73E-01	NA	8.90E-03	NA	4.86E+00	8.83E-02
190	371034	3757060	Commercial	4.18E+01	4.25E+01	2.34E+00	4.99E-03	1.46E-01	5.83E-02	6.94E-01	5.34E-04	1.58E-01	NA	1.76E-01	NA	9.11E-03	NA	4.93E+00	8.97E-02
191	370944	3757061	Commercial	4.58E+01	4.66E+01	2.60E+00	5.52E-03	1.57E-01	6.26E-02	7.67E-01	5.90E-04	1.72E-01	NA	1.91E-01	NA	9.56E-03	NA	5.45E+00	9.92E-02
192	370854	3757061	Commercial	5.03E+01	5.11E+01	2.88E+00	6.13E-03	1.68E-01	6.74E-02	8.51E-01	6.54E-04	1.87E-01	NA	2.08E-01	NA	1.01E-02	NA	6.04E+00	1.10E-01
193	370764	3757062	Commercial	5.54E+01	5.63E+01	3.21E+00	6.82E-03	1.81E-01	7.23E-02	9.45E-01	7.27E-04	2.04E-01	NA	2.27E-01	NA	1.06E-02	NA	6.71E+00	1.22E-01
194	370789	3757086	Commercial	5.39E+01	5.48E+01	3.11E+00	6.62E-03	1.79E-01	7.16E-02	9.19E-01	7.07E-04	2.01E-01	NA	2.20E-01	NA	1.03E-02	NA	6.52E+00	1.19E-01
195	370786	3756996	Commercial	5.35E+01	5.43E+01	3.07E+00	6.52E-03	1.71E-01	6.83E-02	9.04E-01	6.96E-04	1.94E-01	NA	2.22E-01	NA	1.07E-02	NA	6.42E+00	1.17E-01
196	370782	3756907	Commercial	5.08E+01	5.16E+01	2.88E+00	6.13E-03	1.57E-01	6.26E-02	8.50E-01	6.54E-04	1.80E-01	NA	2.14E-01	NA	1.09E-02	NA	6.03E+00	1.10E-01
197	370779	3756817	Commercial	5.05E+01	5.14E+01	2.89E+00	6.15E-03	1.35E-01	5.41E-02	8.49E-01	6.53E-04	1.67E-01	NA	2.14E-01	NA	1.07E-02	NA	6.02E+00	1.09E-01
198	370755	3756843	Commercial	5.11E+01	5.20E+01	2.91E+00	6.19E-03	1.42E-01	5.70E-02	8.56E-01	6.59E-04	1.72E-01	NA	2.17E-01	NA	1.10E-02	NA	6.07E+00	1.10E-01
199	370847	3756839	Commercial	4.77E+01	4.85E+01	2.71E+00	5.77E-03	1.36E-01	5.44E-02	7.98E-01	6.14E-04	1.62E-01	NA	2.03E-01	NA	1.03E-02	NA	5.66E+00	1.03E-01
200	370940	3756836	Commercial	4.47E+01	4.54E+01	2.53E+00	5.39E-03	1.30E-01	5.20E-02	7.45E-01	5.73E-04	1.53E-01	NA	1.90E-01	NA	9.71E-03	NA	5.29E+00	9.61E-02
201	371032	3756832	Commercial	4.19E+01	4.26E+01	2.37E+00	5.05E-03	1.25E-01	4.99E-02	6.99E-01	5.37E-04	1.46E-01	NA	1.78E-01	NA	9.15E-03	NA	4.96E+00	9.02E-02
202	371056	3756809	Commercial	4.14E+01	4.21E+01	2.35E+00	5.00E-03	1.21E-01	4.85E-02	6.92E-01	5.32E-04	1.43E-01	NA	1.76E-01	NA	8.93E-03	NA	4.91E+00	8.92E-02
203	371058	3756782	Commercial	4.14E+01	4.21E+01	2.36E+00	5.02E-03	1.18E-01	4.73E-02	6.94E-01	5.34E-04	1.41E-01	NA	1.75E-01	NA	8.82E-03	NA	4.93E+00	8.96E-02
204	371034	3756805	Commercial	4.21E+01	4.27E+01	2.39E+00	5.09E-03	1.22E-01	4.87E-02	7.03E-01	5.41E-04	1.44E-01	NA	1.78E-01	NA	9.05E-03	NA	4.99E+00	9.07E-02
205	371146	3756803	Commercial	3.91E+01	3.97E+01	2.21E+00	4.71E-03	1.17E-01	4.68E-02	6.52E-01	5.01E-04	1.36E-01	NA	1.65E-01	NA	8.43E-03	NA	4.63E+00	8.41E-02
206	371259	3756800	Commercial	3.65E+01	3.71E+01	2.06E+00	4.39E-03	1.13E-01	4.51E-02	6.07E-01	4.67E-04	1.29E-01	NA	1.55E-01	NA	7.94E-03	NA	4.31E+00	7.84E-02
207	371371	3756798	Commercial	3.44E+01	3.50E+01	1.94E+00	4.12E-03	1.09E-01	4.36E-02	5.71E-01	4.39E-04	1.23E-01	NA	1.46E-01	NA	7.61E-03	NA	4.06E+00	7.37E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (μg/m^3)	1-Hour TOG Conc. (μg/m^3)	acetaldehyde (μg/m^3)	acetaldehyde Acute Hazard	acrolein (μg/m^3)	acrolein Acute Hazard	benzene (μg/m^3)	benzene Acute Hazard	butadiene, 1,3- (μg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (μg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (μg/m^3)	ethylene glycol Acute Hazard	formaldehyde (μg/m^3)	formaldehyde Acute Hazard
208	371484	3756795	Commercial	3.27E+01	3.32E+01	1.83E+00	3.89E-03	1.05E-01	4.22E-02	5.40E-01	4.15E-04	1.18E-01	NA	1.39E-01	NA	7.32E-03	NA	3.84E+00	6.98E-02
209	371595	3756793	Commercial	3.11E+01	3.15E+01	1.73E+00	3.69E-03	1.02E-01	4.09E-02	5.12E-01	3.94E-04	1.13E-01	NA	1.33E-01	NA	7.00E-03	NA	3.64E+00	6.61E-02
210	371706	3756791	Commercial	2.95E+01	2.99E+01	1.64E+00	3.49E-03	9.91E-02	3.96E-02	4.85E-01	3.73E-04	1.09E-01	NA	1.26E-01	NA	6.66E-03	NA	3.45E+00	6.27E-02
211	371818	3756788	Commercial	2.79E+01	2.84E+01	1.55E+00	3.31E-03	9.61E-02	3.85E-02	4.60E-01	3.54E-04	1.05E-01	NA	1.19E-01	NA	6.30E-03	NA	3.27E+00	5.94E-02
212	371932	3756786	Commercial	2.65E+01	2.69E+01	1.47E+00	3.13E-03	9.33E-02	3.73E-02	4.35E-01	3.35E-04	1.00E-01	NA	1.12E-01	NA	5.95E-03	NA	3.09E+00	5.63E-02
213	372046	3756783	Commercial	2.51E+01	2.54E+01	1.39E+00	2.96E-03	9.07E-02	3.63E-02	4.12E-01	3.17E-04	9.66E-02	NA	1.06E-01	NA	5.61E-03	NA	2.93E+00	5.33E-02
214	372161	3756780	Commercial	2.38E+01	2.41E+01	1.32E+00	2.81E-03	8.91E-02	3.56E-02	3.91E-01	3.01E-04	9.35E-02	NA	1.01E-01	NA	5.30E-03	NA	2.78E+00	5.06E-02
215	372275	3756778	Commercial	2.26E+01	2.30E+01	1.25E+00	2.67E-03	8.84E-02	3.54E-02	3.73E-01	2.87E-04	9.13E-02	NA	9.53E-02	NA	5.00E-03	NA	2.65E+00	4.82E-02
216	372385	3756776	Commercial	2.17E+01	2.20E+01	1.20E+00	2.54E-03	8.83E-02	3.53E-02	3.56E-01	2.74E-04	8.96E-02	NA	9.07E-02	NA	4.74E-03	NA	2.54E+00	4.61E-02
217	372494	3756773	Commercial	2.07E+01	2.10E+01	1.14E+00	2.43E-03	8.84E-02	3.54E-02	3.41E-01	2.63E-04	8.83E-02	NA	8.64E-02	NA	4.50E-03	NA	2.43E+00	4.42E-02
218	372604	3756771	Commercial	1.99E+01	2.02E+01	1.10E+00	2.33E-03	8.87E-02	3.55E-02	3.28E-01	2.52E-04	8.72E-02	NA	8.24E-02	NA	4.27E-03	NA	2.34E+00	4.25E-02
219	372714	3756768	Commercial	1.93E+01	1.96E+01	1.06E+00	2.26E-03	8.93E-02	3.57E-02	3.19E-01	2.45E-04	8.66E-02	NA	7.96E-02	NA	4.10E-03	NA	2.27E+00	4.13E-02
220	372738	3756742	Commercial	1.94E+01	1.97E+01	1.06E+00	2.26E-03	9.13E-02	3.65E-02	3.20E-01	2.46E-04	8.79E-02	NA	7.96E-02	NA	4.10E-03	NA	2.28E+00	4.14E-02
221	372733	3756647	Commercial	2.04E+01	2.07E+01	1.12E+00	2.39E-03	9.97E-02	3.99E-02	3.38E-01	2.60E-04	9.50E-02	NA	8.30E-02	NA	4.19E-03	NA	2.41E+00	4.37E-02
222	372820	3756574	Commercial	2.07E+01	2.10E+01	1.14E+00	2.42E-03	1.08E-01	4.34E-02	3.44E-01	2.65E-04	1.01E-01	NA	8.29E-02	NA	4.08E-03	NA	2.45E+00	4.45E-02
223	372844	3756548	Commercial	2.07E+01	2.10E+01	1.14E+00	2.42E-03	1.11E-01	4.45E-02	3.44E-01	2.65E-04	1.03E-01	NA	8.25E-02	NA	4.04E-03	NA	2.45E+00	4.46E-02
224	372839	3756454	Commercial	2.19E+01	2.22E+01	1.21E+00	2.58E-03	1.22E-01	4.89E-02	3.68E-01	2.83E-04	1.12E-01	NA	8.58E-02	NA	4.02E-03	NA	2.62E+00	4.77E-02
225	372821	3756363	Commercial	2.26E+01	2.29E+01	1.25E+00	2.65E-03	1.39E-01	5.56E-02	3.80E-01	2.93E-04	1.24E-01	NA	8.66E-02	NA	3.96E-03	NA	2.71E+00	4.93E-02
226	372796	3756343	Commercial	2.29E+01	2.32E+01	1.26E+00	2.69E-03	1.44E-01	5.77E-02	3.87E-01	2.97E-04	1.27E-01	NA	8.75E-02	NA	3.97E-03	NA	2.76E+00	5.01E-02
227	372731	3756328	Commercial	2.39E+01	2.42E+01	1.32E+00	2.81E-03	1.52E-01	6.08E-02	4.04E-01	3.11E-04	1.34E-01	NA	9.06E-02	NA	4.05E-03	NA	2.88E+00	5.24E-02
228	372707	3756352	Commercial	2.46E+01	2.49E+01	1.37E+00	2.92E-03	1.48E-01	5.91E-02	4.18E-01	3.22E-04	1.33E-01	NA	9.36E-02	NA	4.12E-03	NA	2.98E+00	5.42E-02
229	372928	3756344	Commercial	2.11E+01	2.14E+01	1.15E+00	2.45E-03	1.35E-01	5.38E-02	3.53E-01	2.72E-04	1.18E-01	NA	8.10E-02	NA	3.79E-03	NA	2.52E+00	4.58E-02
230	372952	3756319	Commercial	2.07E+01	2.10E+01	1.13E+00	2.41E-03	1.35E-01	5.41E-02	3.47E-01	2.67E-04	1.18E-01	NA	7.96E-02	NA	3.73E-03	NA	2.48E+00	4.50E-02
231	372951	3756245	Commercial	2.05E+01	2.08E+01	1.11E+00	2.36E-03	1.42E-01	5.70E-02	3.43E-01	2.64E-04	1.22E-01	NA	7.77E-02	NA	3.62E-03	NA	2.45E+00	4.45E-02
232	372927	3756270	Commercial	2.08E+01	2.11E+01	1.13E+00	2.41E-03	1.41E-01	5.64E-02	3.48E-01	2.68E-04	1.22E-01	NA	7.93E-02	NA	3.69E-03	NA	2.49E+00	4.52E-02
233	373033	3756268	Commercial	1.98E+01	2.00E+01	1.07E+00	2.28E-03	1.33E-01	5.32E-02	3.30E-01	2.54E-04	1.15E-01	NA	7.56E-02	NA	3.56E-03	NA	2.36E+00	4.28E-02
234	373139	3756266	Commercial	1.89E+01	1.91E+01	1.02E+00	2.17E-03	1.27E-01	5.08E-02	3.14E-01	2.42E-04	1.10E-01	NA	7.24E-02	NA	3.44E-03	NA	2.24E+00	4.08E-02
235	373245	3756264	Commercial	1.81E+01	1.83E+01	9.77E-01	2.08E-03	1.22E-01	4.86E-02	3.01E-01	2.31E-04	1.05E-01	NA	6.95E-02	NA	3.33E-03	NA	2.15E+00	3.90E-02
236	373351	3756262	Commercial	1.74E+01	1.76E+01	9.37E-01	1.99E-03	1.17E-01	4.67E-02	2.88E-01	2.22E-04	1.01E-01	NA	6.68E-02	NA	3.22E-03	NA	2.06E+00	3.74E-02
237	373457	3756261	Commercial	1.67E+01	1.69E+01	9.01E-01	1.92E-03	1.12E-01	4.48E-02	2.77E-01	2.13E-04	9.68E-02	NA	6.44E-02	NA	3.11E-03	NA	1.98E+00	3.60E-02
238	373482	3756235	Commercial	1.66E+01	1.68E+01	8.92E-01	1.90E-03	1.13E-01	4.51E-02	2.75E-01	2.11E-04	9.70E-02	NA	6.36E-02	NA	3.06E-03	NA	1.96E+00	3.57E-02
239	373480	3756123	Commercial	1.64E+01	1.66E+01	8.81E-01	1.87E-03	1.18E-01	4.74E-02	2.73E-01	2.10E-04	1.00E-01	NA	6.19E-02	NA	2.91E-03	NA	1.95E+00	3.55E-02
240	373479	3756010	Commercial	1.59E+01	1.61E+01	8.55E-01	1.82E-03	1.19E-01	4.78E-02	2.66E-01	2.04E-04	1.00E-01	NA	5.92E-02	NA	2.73E-03	NA	1.90E+00	3.45E-02
241	373477	3755897	Commercial	1.51E+01	1.53E+01	8.15E-01	1.73E-03	1.16E-01	4.64E-02	2.54E-01	1.95E-04	9.69E-02	NA	5.59E-02	NA	2.52E-03	NA	1.81E+00	3.30E-02
242	373476	3755785	Commercial	1.46E+01	1.49E+01	7.88E-01	1.68E-03	1.21E-01	4.84E-02	2.47E-01	1.90E-04	9.94E-02	NA	5.28E-02	NA	2.29E-03	NA	1.77E+00	3.21E-02
243	373474	3755672	Commercial	1.39E+01	1.42E+01	7.50E-01	1.60E-03	1.22E-01	4.87E-02	2.37E-01	1.82E-04	9.88E-02	NA	4.92E-02	NA	2.06E-03	NA	1.69E+00	3.08E-02
244	373473	3755559	Commercial	1.30E+01	1.32E+01	7.02E-01	1.49E-03	1.18E-01	4.72E-02	2.22E-01	1.71E-04	9.51E-02	NA	4.52E-02	NA	1.82E-03	NA	1.59E+00	2.89E-02
245	373447	3755535	Commercial	1.29E+01	1.31E+01	6.95E-01	1.48E-03	1.18E-01	4.71E-02	2.20E-01	1.69E-04	9.47E-02	NA	4.46E-02	NA	1.77E-03	NA	1.58E+00	2.86E-02
246	373334	3755539	Commercial	1.34E+01	1.36E+01	7.20E-01	1.53E-03	1.23E-01	4.91E-02	2.28E-01	1.76E-04	9.85E-02	NA	4.59E-02	NA	1.81E-03	NA	1.63E+00	2.97E-02
247	373221	3755544	Commercial	1.38E+01	1.40E+01	7.47E-01	1.59E-03	1.28E-01	5.11E-02	2.37E-01	1.82E-04	1.03E-01	NA	4.74E-02	NA	1.84E-03	NA	1.69E+00	3.08E-02
248	373197	3755568	Commercial	1.42E+01	1.44E+01	7.66E-01	1.63E-03	1.31E-01	5.24E-02	2.43E-01	1.87E-04	1.05E-01	NA	4.87E-02	NA	1.90E-03	NA	1.74E+00	3.16E-02
249	373196	3755636	Commercial	1.49E+01	1.51E+01	8.02E-01	1.71E-03	1.36E-01	5.44E-02	2.54E-01	1.95E-04	1.09E-01	NA	5.16E-02	NA	2.07E-03	NA	1.82E+00	3.31E-02
250	373194	3755705	Commercial	1.55E+01	1.58E+01	8.34E-01	1.77E-03	1.39E-01	5.57E-02	2.64E-01	2.03E-04	1.12E-01	NA	5.43E-02	NA	2.23E-03	NA	1.89E+00	3.43E-02
251	373220	3755680	Commercial	1.52E+01	1.54E+01	8.16E-01	1.74E-03	1.37E-01	5.47E-02	2.58E-01	1.99E-04	1.10E-01	NA	5.30E-02	NA	2.16E-03	NA	1.85E+00	3.36E-02
252	373135	3755679	Commercial	1.56E+01	1.58E+01	8.39E-01	1.79E-03	1.42E-01	5.69E-02	2.66E-01	2.04E-04	1.14E-01	NA	5.42E-02	NA	2.19E-03	NA	1.90E+00	3.46E-02
253	373160	3755704	Commercial	1.57E+01	1.59E+01	8.43E-01	1.79E-03	1.42E-01	5.66E-02	2.67E-01	2.05E-04	1.14E-01	NA	5.48E-02	NA	2.24E-03	NA	1.91E+00	3.47E-02
254	373158	3755635	Commercial	1.51E+01	1.53E+01	8.11E-01	1.73E-03	1.38E-01	5.53E-02	2.57E-01	1.98E-04	1.11E-01	NA	5.21E-02	NA	2.07E-03	NA	1.84E+00	3.35E-02
255	373156	3755566	Commercial	1.43E+01	1.46E+01	7.74E-01	1.65E-03	1.33E-01	5.31E-02	2.46E-01	1.89E-04	1.06E-01	NA	4.91E-02	NA	1.91E-03	NA	1.76E+00	3.19E-02
256	373132	3755542	Commercial	1.42E+01	1.44E+01	7.65E-01	1.63E-03	1.31E-01	5.25E-02	2.43E-01	1.87E-04	1.05E-01	NA	4.83E-02	NA	1.85E-03	NA	1.74E+00	3.16E-02
257	373055	3755538	Commercial	1.44E+01	1.46E+01	7.81E-01	1.66E-03	1.34E-01	5.36E-02	2.48E-01	1.91E-04	1.08E-01	NA	4.91E-02	NA	1.86E-03	NA	1.77E+00	3.22E-02
258	373079	3755562	Commercial	1.46E+01	1.48E+01	7.90E-01	1.68E-03	1.36E-01	5.44E-02	2.51E-01	1.93E-04	1.09E-01	NA	4.99E-02	NA	1.91E-03	NA	1.79E+00	3.26E-02
259	373077	3755465	Commercial	1.36E+01	1.38E+01	7.35E-01	1.56E-03	1.28E-01	5.12E-02	2.34E-01	1.80E-04	1.02E-01	NA	4.56E-02	NA	1.68E-03	NA	1.67E+00	3.04E-02
260	373075	3755368	Commercial	1.28E+01	1.30E+01	6.87E-01	1.46E-03	1.27E-01	5.06E-02	2.20E-01	1.69E-04	1.00E-01	NA	4.24E-02	NA	1.54E-03	NA	1.57E+00	2.86E-02
261	373073	3755271	Commercial	1.20E+01	1.22E+01	6.33E-01	1.35E-03	1.23E-01	4.92E-02	2.04E-01	1.57E-04	9.63E-02	NA	4.04E-02	NA	1.61E-03	NA	1.46E+00	2.65E-02
262	373071	3755174	Commercial	1.13E+01	1.15E+01	5.87E-01	1.25E-03	1.18E-01	4.72E-02	1.90E-01	1.46E-04	9.19E-02	NA	3.88E-02	NA	1.66E-03	NA	1.36E+00	2.47E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard
263	373046	3755149	Commercial	1.15E+01	1.16E+01	5.95E-01	1.27E-03	1.17E-01	4.69E-02	1.92E-01	1.48E-04	9.16E-02	NA	3.93E-02	NA	1.69E-03	NA	1.37E+00	2.50E-02
264	372939	3755150	Commercial	1.19E+01	1.21E+01	6.22E-01	1.32E-03	1.19E-01	4.77E-02	2.00E-01	1.54E-04	9.36E-02	NA	4.12E-02	NA	1.77E-03	NA	1.43E+00	2.60E-02
265	372832	3755151	Commercial	1.24E+01	1.26E+01	6.51E-01	1.38E-03	1.21E-01	4.84E-02	2.09E-01	1.60E-04	9.55E-02	NA	4.32E-02	NA	1.86E-03	NA	1.49E+00	2.71E-02
266	372725	3755152	Commercial	1.29E+01	1.31E+01	6.82E-01	1.45E-03	1.23E-01	4.90E-02	2.18E-01	1.67E-04	9.74E-02	NA	4.52E-02	NA	1.94E-03	NA	1.56E+00	2.83E-02
267	372623	3755157	Commercial	1.35E+01	1.37E+01	7.14E-01	1.52E-03	1.24E-01	4.97E-02	2.27E-01	1.75E-04	9.94E-02	NA	4.73E-02	NA	2.03E-03	NA	1.62E+00	2.95E-02
268	372527	3755158	Commercial	1.40E+01	1.42E+01	7.46E-01	1.59E-03	1.25E-01	5.02E-02	2.36E-01	1.82E-04	1.01E-01	NA	4.94E-02	NA	2.11E-03	NA	1.69E+00	3.07E-02
269	372431	3755159	Commercial	1.46E+01	1.48E+01	7.83E-01	1.67E-03	1.27E-01	5.06E-02	2.47E-01	1.90E-04	1.03E-01	NA	5.17E-02	NA	2.19E-03	NA	1.77E+00	3.21E-02
270	372334	3755160	Commercial	1.52E+01	1.55E+01	8.25E-01	1.75E-03	1.28E-01	5.10E-02	2.59E-01	1.99E-04	1.05E-01	NA	5.43E-02	NA	2.27E-03	NA	1.85E+00	3.37E-02
271	372237	3755161	Commercial	1.60E+01	1.62E+01	8.74E-01	1.86E-03	1.28E-01	5.14E-02	2.73E-01	2.10E-04	1.06E-01	NA	5.72E-02	NA	2.35E-03	NA	1.95E+00	3.55E-02
272	372139	3755161	Commercial	1.69E+01	1.72E+01	9.35E-01	1.99E-03	1.29E-01	5.17E-02	2.91E-01	2.24E-04	1.09E-01	NA	6.06E-02	NA	2.43E-03	NA	2.07E+00	3.77E-02
273	372040	3755162	Commercial	1.81E+01	1.83E+01	1.01E+00	2.15E-03	1.30E-01	5.19E-02	3.13E-01	2.41E-04	1.11E-01	NA	6.49E-02	NA	2.51E-03	NA	2.23E+00	4.06E-02
274	371941	3755163	Commercial	1.96E+01	1.99E+01	1.12E+00	2.38E-03	1.30E-01	5.20E-02	3.43E-01	2.64E-04	1.14E-01	NA	7.03E-02	NA	2.59E-03	NA	2.44E+00	4.44E-02
275	371843	3755164	Commercial	2.17E+01	2.20E+01	1.26E+00	2.69E-03	1.30E-01	5.21E-02	3.85E-01	2.96E-04	1.19E-01	NA	7.77E-02	NA	2.66E-03	NA	2.74E+00	4.97E-02
276	371748	3755165	Commercial	2.44E+01	2.48E+01	1.46E+00	3.10E-03	1.30E-01	5.21E-02	4.40E-01	3.39E-04	1.24E-01	NA	8.74E-02	NA	2.74E-03	NA	3.13E+00	5.69E-02
277	371653	3755165	Commercial	2.77E+01	2.81E+01	1.69E+00	3.60E-03	1.30E-01	5.21E-02	5.07E-01	3.90E-04	1.31E-01	NA	9.88E-02	NA	2.80E-03	NA	3.60E+00	6.54E-02
278	371558	3755166	Commercial	4.90E+01	4.99E+01	3.23E+00	6.87E-03	1.33E-01	5.30E-02	9.45E-01	7.27E-04	1.75E-01	NA	1.71E-01	NA	2.87E-03	NA	6.68E+00	1.22E-01
279	371463	3755167	Commercial	5.43E+01	5.53E+01	3.61E+00	7.68E-03	1.35E-01	5.42E-02	1.05E+00	8.10E-04	1.88E-01	NA	1.89E-01	NA	2.93E-03	NA	7.45E+00	1.35E-01
280	371359	3755168	Commercial	6.56E+01	6.68E+01	4.42E+00	9.41E-03	1.39E-01	5.55E-02	1.28E+00	9.88E-04	2.13E-01	NA	2.27E-01	NA	2.99E-03	NA	9.08E+00	1.65E-01
281	371256	3755169	Commercial	4.95E+01	5.04E+01	3.25E+00	6.91E-03	1.41E-01	5.63E-02	9.52E-01	7.32E-04	1.81E-01	NA	1.73E-01	NA	3.05E-03	NA	6.73E+00	1.22E-01
282	371152	3755170	Commercial	3.27E+01	3.32E+01	2.02E+00	4.30E-03	1.42E-01	5.70E-02	6.04E-01	4.65E-04	1.48E-01	NA	1.17E-01	NA	3.09E-03	NA	4.28E+00	7.77E-02
283	371049	3755171	Commercial	2.75E+01	2.80E+01	1.64E+00	3.50E-03	1.45E-01	5.78E-02	4.98E-01	3.83E-04	1.39E-01	NA	9.92E-02	NA	3.11E-03	NA	3.52E+00	6.40E-02
284	371024	3755197	Commercial	2.71E+01	2.76E+01	1.61E+00	3.42E-03	1.47E-01	5.89E-02	4.88E-01	3.75E-04	1.39E-01	NA	9.81E-02	NA	3.19E-03	NA	3.45E+00	6.28E-02
285	371028	3755273	Commercial	2.99E+01	3.04E+01	1.78E+00	3.80E-03	1.53E-01	6.14E-02	5.40E-01	4.15E-04	1.48E-01	NA	1.08E-01	NA	3.41E-03	NA	3.82E+00	6.95E-02
286	371031	3755350	Commercial	3.04E+01	3.09E+01	1.80E+00	3.83E-03	1.60E-01	6.42E-02	5.46E-01	4.20E-04	1.53E-01	NA	1.10E-01	NA	3.61E-03	NA	3.86E+00	7.02E-02
287	371020	3755376	Commercial	2.95E+01	3.00E+01	1.73E+00	3.69E-03	1.63E-01	6.53E-02	5.27E-01	4.06E-04	1.53E-01	NA	1.08E-01	NA	3.68E-03	NA	3.73E+00	6.79E-02
288	371018	3755470	Commercial	2.92E+01	2.97E+01	1.67E+00	3.55E-03	1.86E-01	7.45E-02	5.14E-01	3.95E-04	1.66E-01	NA	1.06E-01	NA	3.89E-03	NA	3.64E+00	6.62E-02
289	371017	3755556	Commercial	2.80E+01	2.85E+01	1.54E+00	3.28E-03	2.14E-01	8.55E-02	4.84E-01	3.72E-04	1.80E-01	NA	1.01E-01	NA	4.04E-03	NA	3.43E+00	6.24E-02
290	371040	3755532	Commercial	2.96E+01	3.01E+01	1.67E+00	3.55E-03	2.05E-01	8.19E-02	5.17E-01	3.98E-04	1.78E-01	NA	1.06E-01	NA	3.97E-03	NA	3.67E+00	6.67E-02
291	371026	3755420	Commercial	2.87E+01	2.92E+01	1.66E+00	3.52E-03	1.74E-01	6.95E-02	5.07E-01	3.90E-04	1.58E-01	NA	1.05E-01	NA	3.78E-03	NA	3.59E+00	6.53E-02
292	371016	3755399	Commercial	2.89E+01	2.94E+01	1.68E+00	3.57E-03	1.69E-01	6.75E-02	5.13E-01	3.95E-04	1.55E-01	NA	1.06E-01	NA	3.74E-03	NA	3.63E+00	6.60E-02
293	370916	3755327	Commercial	2.48E+01	2.52E+01	1.39E+00	2.96E-03	1.61E-01	6.45E-02	4.30E-01	3.31E-04	1.42E-01	NA	9.13E-02	NA	3.63E-03	NA	3.05E+00	5.54E-02
294	370816	3755255	Commercial	2.23E+01	2.27E+01	1.23E+00	2.63E-03	1.57E-01	6.27E-02	3.83E-01	2.95E-04	1.35E-01	NA	8.19E-02	NA	3.41E-03	NA	2.72E+00	4.95E-02
385	370885	3757751	Commercial	3.52E+01	3.57E+01	1.80E+00	3.84E-03	1.48E-01	5.90E-02	5.41E-01	4.16E-04	1.44E-01	NA	1.58E-01	NA	9.99E-03	NA	3.85E+00	7.00E-02
386	370907	3757702	Commercial	3.57E+01	3.63E+01	1.83E+00	3.90E-03	1.50E-01	6.02E-02	5.50E-01	4.23E-04	1.47E-01	NA	1.61E-01	NA	1.01E-02	NA	3.91E+00	7.12E-02
387	370945	3757670	Commercial	3.56E+01	3.61E+01	1.83E+00	3.89E-03	1.50E-01	5.99E-02	5.49E-01	4.22E-04	1.47E-01	NA	1.60E-01	NA	1.01E-02	NA	3.90E+00	7.10E-02
388	371046	3757668	Commercial	3.44E+01	3.49E+01	1.78E+00	3.80E-03	1.41E-01	5.64E-02	5.34E-01	4.11E-04	1.40E-01	NA	1.54E-01	NA	9.50E-03	NA	3.80E+00	6.91E-02
389	371046	3757585	Commercial	3.68E+01	3.73E+01	1.96E+00	4.16E-03	1.44E-01	5.78E-02	5.84E-01	4.49E-04	1.47E-01	NA	1.62E-01	NA	9.48E-03	NA	4.15E+00	7.55E-02
390	371122	3757584	Commercial	3.61E+01	3.67E+01	1.94E+00	4.13E-03	1.40E-01	5.58E-02	5.79E-01	4.45E-04	1.43E-01	NA	1.57E-01	NA	8.97E-03	NA	4.11E+00	7.48E-02
399	371970	3757842	Commercial	2.41E+01	2.44E+01	1.33E+00	2.83E-03	9.17E-02	3.67E-02	3.94E-01	3.03E-04	9.54E-02	NA	1.02E-01	NA	5.43E-03	NA	2.81E+00	5.10E-02
400	372023	3757843	Commercial	2.35E+01	2.39E+01	1.30E+00	2.77E-03	9.03E-02	3.61E-02	3.87E-01	2.97E-04	9.38E-02	NA	9.93E-02	NA	5.25E-03	NA	2.75E+00	5.00E-02
401	372020	3757552	Commercial	2.27E+01	2.30E+01	1.28E+00	2.72E-03	9.23E-02	3.69E-02	3.80E-01	2.92E-04	9.44E-02	NA	9.26E-02	NA	4.53E-03	NA	2.71E+00	4.92E-02
402	372002	3757140	Commercial	2.35E+01	2.39E+01	1.26E+00	2.69E-03	9.12E-02	3.65E-02	3.77E-01	2.90E-04	9.34E-02	NA	1.02E-01	NA	5.83E-03	NA	2.68E+00	4.87E-02
403	371514	3757136	Commercial	2.83E+01	2.87E+01	1.52E+00	3.24E-03	1.10E-01	4.39E-02	4.54E-01	3.49E-04	1.12E-01	NA	1.23E-01	NA	7.03E-03	NA	3.23E+00	5.86E-02
404	371035	3757133	Commercial	4.26E+01	4.33E+01	2.42E+00	5.15E-03	1.48E-01	5.92E-02	7.15E-01	5.50E-04	1.62E-01	NA	1.77E-01	NA	8.79E-03	NA	5.08E+00	9.24E-02
405	371034	3757085	Commercial	4.22E+01	4.28E+01	2.37E+00	5.05E-03	1.46E-01	5.84E-02	7.02E-01	5.40E-04	1.59E-01	NA	1.77E-01	NA	9.01E-03	NA	4.99E+00	9.07E-02
406	370764	3757087	Commercial	5.53E+01	5.62E+01	3.20E+00	6.81E-03	1.83E-01	7.30E-02	9.45E-01	7.27E-04	2.05E-01	NA	2.26E-01	NA	1.04E-02	NA	6.71E+00	1.22E-01
407	370754	3756818	Commercial	5.14E+01	5.23E+01	2.95E+00	6.27E-03	1.37E-01	5.47E-02	8.65E-01	6.65E-04	1.69E-01	NA	2.18E-01	NA	1.09E-02	NA	6.13E+00	1.11E-01
408	371031	3756807	Commercial	4.21E+01	4.28E+01	2.39E+00	5.09E-03	1.22E-01	4.88E-02	7.04E-01	5.42E-04	1.44E-01	NA	1.79E-01	NA	9.07E-03	NA	5.00E+00	9.08E-02
409	371033	3756780	Commercial	4.21E+01	4.28E+01	2.41E+00	5.12E-03	1.19E-01	4.76E-02	7.07E-01	5.44E-04	1.43E-01	NA	1.78E-01	NA	8.95E-03	NA	5.01E+00	9.12E-02
410	371483	3756770	Commercial	3.28E+01	3.33E+01	1.84E+00	3.91E-03	1.05E-01	4.20E-02	5.42E-01	4.17E-04	1.18E-01	NA	1.40E-01	NA	7.33E-03	NA	3.85E+00	7.01E-02
411	371817	3756763	Commercial	2.79E+01	2.84E+01	1.56E+00	3.31E-03	9.63E-02	3.85E-02	4.60E-01	3.54E-04	1.05E-01	NA	1.19E-01	NA	6.27E-03	NA	3.27E+00	5.95E-02
412	372274	3756753	Commercial	2.26E+01	2.29E+01	1.25E+00	2.66E-03	8.97E-02	3.59E-02	3.72E-01	2.86E-04	9.20E-02	NA	9.47E-02	NA	4.94E-03	NA	2.65E+00	4.81E-02
413	372713	3756743	Commercial	1.95E+01	1.97E+01	1.07E+00	2.27E-03	9.10E-02	3.64E-02	3.21E-01	2.47E-04	8.79E-02	NA	8.01E-02	NA	4.13E-03	NA	2.28E+00	4.15E-02
414	372703	3756553	Commercial	2.28E+01	2.31E+01	1.28E+00	2.71E-03	1.11E-01	4.44E-02	3.84E-01	2.95E-04	1.06E-01	NA	9.06E-02	NA	4.26E-03	NA	2.73E+00	4.96E-02
415	372819	3756549	Commercial	2.10E+01	2.13E+01	1.15E+00	2.46E-03	1.11E-01	4.46E-02	3.49E-01	2.69E-04	1.03E-01	NA	8.36E-02	NA	4.08E-03	NA	2.49E+00	4.53E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (μg/m^3)	1-Hour TOG Conc. (μg/m^3)	acetaldehyde (μg/m^3)	acetaldehyde Acute Hazard	acrolein (μg/m^3)	acrolein Acute Hazard	benzene (μg/m^3)	benzene Acute Hazard	butadiene, 1,3- (μg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (μg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (μg/m^3)	ethylene glycol Acute Hazard	formaldehyde (μg/m^3)	formaldehyde Acute Hazard
416	372814	3756455	Commercial	2.23E+01	2.27E+01	1.24E+00	2.64E-03	1.23E-01	4.94E-02	3.77E-01	2.90E-04	1.14E-01	NA	8.73E-02	NA	4.05E-03	NA	2.68E+00	4.88E-02
417	372797	3756368	Commercial	2.30E+01	2.33E+01	1.27E+00	2.71E-03	1.39E-01	5.57E-02	3.88E-01	2.98E-04	1.25E-01	NA	8.82E-02	NA	4.00E-03	NA	2.77E+00	5.03E-02
418	372705	3756372	Commercial	2.49E+01	2.52E+01	1.40E+00	2.97E-03	1.43E-01	5.71E-02	4.24E-01	3.27E-04	1.30E-01	NA	9.51E-02	NA	4.14E-03	NA	3.02E+00	5.50E-02
419	372706	3756327	Commercial	2.43E+01	2.46E+01	1.34E+00	2.86E-03	1.54E-01	6.17E-02	4.11E-01	3.16E-04	1.36E-01	NA	9.20E-02	NA	4.08E-03	NA	2.93E+00	5.33E-02
420	372927	3756319	Commercial	2.10E+01	2.13E+01	1.15E+00	2.44E-03	1.37E-01	5.49E-02	3.52E-01	2.71E-04	1.20E-01	NA	8.06E-02	NA	3.76E-03	NA	2.51E+00	4.57E-02
421	372926	3756245	Commercial	2.07E+01	2.10E+01	1.12E+00	2.39E-03	1.44E-01	5.77E-02	3.47E-01	2.67E-04	1.24E-01	NA	7.86E-02	NA	3.65E-03	NA	2.48E+00	4.51E-02
422	373457	3756236	Commercial	1.67E+01	1.69E+01	9.00E-01	1.92E-03	1.14E-01	4.56E-02	2.77E-01	2.13E-04	9.79E-02	NA	6.41E-02	NA	3.09E-03	NA	1.98E+00	3.60E-02
423	373448	3755560	Commercial	1.31E+01	1.33E+01	7.07E-01	1.50E-03	1.19E-01	4.77E-02	2.24E-01	1.72E-04	9.59E-02	NA	4.55E-02	NA	1.82E-03	NA	1.60E+00	2.91E-02
424	373222	3755569	Commercial	1.41E+01	1.43E+01	7.60E-01	1.62E-03	1.30E-01	5.19E-02	2.41E-01	1.85E-04	1.04E-01	NA	4.84E-02	NA	1.90E-03	NA	1.72E+00	3.14E-02
425	373219	3755705	Commercial	1.54E+01	1.56E+01	8.27E-01	1.76E-03	1.38E-01	5.50E-02	2.61E-01	2.01E-04	1.11E-01	NA	5.39E-02	NA	2.22E-03	NA	1.87E+00	3.40E-02
426	373135	3755704	Commercial	1.58E+01	1.61E+01	8.51E-01	1.81E-03	1.43E-01	5.73E-02	2.69E-01	2.07E-04	1.15E-01	NA	5.52E-02	NA	2.25E-03	NA	1.93E+00	3.50E-02
427	373131	3755567	Commercial	1.45E+01	1.47E+01	7.80E-01	1.66E-03	1.34E-01	5.36E-02	2.48E-01	1.90E-04	1.07E-01	NA	4.95E-02	NA	1.91E-03	NA	1.77E+00	3.22E-02
428	373054	3755563	Commercial	1.47E+01	1.50E+01	7.97E-01	1.70E-03	1.37E-01	5.48E-02	2.53E-01	1.95E-04	1.10E-01	NA	5.03E-02	NA	1.92E-03	NA	1.81E+00	3.29E-02
429	373046	3755174	Commercial	1.14E+01	1.16E+01	5.93E-01	1.26E-03	1.19E-01	4.75E-02	1.92E-01	1.48E-04	9.25E-02	NA	3.92E-02	NA	1.68E-03	NA	1.37E+00	2.50E-02
430	372725	3755177	Commercial	1.29E+01	1.31E+01	6.81E-01	1.45E-03	1.24E-01	4.97E-02	2.18E-01	1.67E-04	9.85E-02	NA	4.51E-02	NA	1.94E-03	NA	1.56E+00	2.83E-02
431	372624	3755182	Commercial	1.35E+01	1.37E+01	7.13E-01	1.52E-03	1.26E-01	5.04E-02	2.27E-01	1.75E-04	1.01E-01	NA	4.72E-02	NA	2.02E-03	NA	1.62E+00	2.95E-02
432	372238	3755186	Commercial	1.60E+01	1.63E+01	8.74E-01	1.86E-03	1.31E-01	5.23E-02	2.74E-01	2.11E-04	1.08E-01	NA	5.72E-02	NA	2.35E-03	NA	1.95E+00	3.55E-02
433	371843	3755189	Commercial	2.20E+01	2.23E+01	1.28E+00	2.73E-03	1.33E-01	5.34E-02	3.91E-01	3.01E-04	1.21E-01	NA	7.87E-02	NA	2.68E-03	NA	2.78E+00	5.05E-02
434	371463	3755192	Commercial	6.54E+01	6.66E+01	4.41E+00	9.38E-03	1.37E-01	5.49E-02	1.28E+00	9.85E-04	2.11E-01	NA	2.26E-01	NA	2.97E-03	NA	9.06E+00	1.65E-01
435	371049	3755196	Commercial	2.85E+01	2.90E+01	1.71E+00	3.63E-03	1.47E-01	5.86E-02	5.17E-01	3.97E-04	1.42E-01	NA	1.03E-01	NA	3.18E-03	NA	3.66E+00	6.65E-02
436	371056	3755349	Commercial	3.22E+01	3.27E+01	1.94E+00	4.12E-03	1.60E-01	6.38E-02	5.84E-01	4.49E-04	1.56E-01	NA	1.16E-01	NA	3.59E-03	NA	4.13E+00	7.51E-02
437	371043	3755384	Commercial	3.10E+01	3.15E+01	1.84E+00	3.91E-03	1.65E-01	6.62E-02	5.57E-01	4.28E-04	1.57E-01	NA	1.12E-01	NA	3.68E-03	NA	3.94E+00	7.17E-02
438	371042	3755556	Commercial	2.86E+01	2.91E+01	1.59E+00	3.38E-03	2.13E-01	8.52E-02	4.96E-01	3.81E-04	1.81E-01	NA	1.03E-01	NA	4.00E-03	NA	3.52E+00	6.40E-02
439	370996	3755560	Commercial	2.74E+01	2.78E+01	1.49E+00	3.17E-03	2.15E-01	8.62E-02	4.69E-01	3.61E-04	1.80E-01	NA	9.91E-02	NA	4.09E-03	NA	3.33E+00	6.05E-02
440	371001	3755419	Commercial	2.76E+01	2.80E+01	1.57E+00	3.34E-03	1.73E-01	6.94E-02	4.83E-01	3.72E-04	1.55E-01	NA	1.01E-01	NA	3.81E-03	NA	3.42E+00	6.22E-02
441	370801	3755276	Commercial	2.27E+01	2.31E+01	1.26E+00	2.67E-03	1.59E-01	6.36E-02	3.90E-01	3.00E-04	1.37E-01	NA	8.33E-02	NA	3.48E-03	NA	2.77E+00	5.04E-02
1	372249	3757612	Residence	2.02E+01	2.05E+01	1.13E+00	2.41E-03	8.57E-02	3.43E-02	3.37E-01	2.59E-04	8.61E-02	NA	8.28E-02	NA	4.12E-03	NA	2.40E+00	4.37E-02
2	372499	3757612	Residence	1.77E+01	1.80E+01	9.64E-01	2.05E-03	7.93E-02	3.17E-02	2.89E-01	2.22E-04	7.75E-02	NA	7.40E-02	NA	3.96E-03	NA	2.06E+00	3.74E-02
3	372249	3757862	Residence	2.13E+01	2.16E+01	1.18E+00	2.52E-03	8.43E-02	3.37E-02	3.52E-01	2.71E-04	8.67E-02	NA	8.87E-02	NA	4.56E-03	NA	2.51E+00	4.56E-02
4	372499	3757862	Residence	1.88E+01	1.91E+01	1.05E+00	2.24E-03	7.89E-02	3.16E-02	3.14E-01	2.41E-04	7.96E-02	NA	7.71E-02	NA	3.84E-03	NA	2.23E+00	4.06E-02
5	372249	3758112	Residence	2.09E+01	2.13E+01	1.14E+00	2.42E-03	7.96E-02	3.19E-02	3.38E-01	2.60E-04	8.24E-02	NA	9.05E-02	NA	5.06E-03	NA	2.40E+00	4.37E-02
6	372499	3758112	Residence	1.92E+01	1.95E+01	1.05E+00	2.24E-03	7.32E-02	2.93E-02	3.13E-01	2.41E-04	7.60E-02	NA	8.17E-02	NA	4.42E-03	NA	2.23E+00	4.05E-02
7	372249	3758362	Residence	1.94E+01	1.97E+01	1.02E+00	2.18E-03	7.80E-02	3.12E-02	3.05E-01	2.35E-04	7.83E-02	NA	8.58E-02	NA	5.12E-03	NA	2.17E+00	3.95E-02
8	372499	3758362	Residence	1.86E+01	1.88E+01	9.94E-01	2.11E-03	7.33E-02	2.93E-02	2.96E-01	2.28E-04	7.44E-02	NA	8.09E-02	NA	4.67E-03	NA	2.11E+00	3.83E-02
9	373793	3755335	Residence	1.01E+01	1.03E+01	5.44E-01	1.16E-03	9.54E-02	3.81E-02	1.73E-01	1.33E-04	7.62E-02	NA	3.46E-02	NA	1.34E-03	NA	1.24E+00	2.25E-02
10	374093	3755335	Residence	9.56E+00	9.70E+00	5.12E-01	1.09E-03	8.92E-02	3.57E-02	1.63E-01	1.25E-04	7.14E-02	NA	3.29E-02	NA	1.32E-03	NA	1.17E+00	2.12E-02
11	373793	3755710	Residence	1.29E+01	1.31E+01	6.94E-01	1.48E-03	1.06E-01	4.25E-02	2.18E-01	1.67E-04	8.73E-02	NA	4.65E-02	NA	2.02E-03	NA	1.56E+00	2.83E-02
12	374093	3755710	Residence	1.19E+01	1.20E+01	6.39E-01	1.36E-03	9.44E-02	3.77E-02	2.00E-01	1.54E-04	7.81E-02	NA	4.33E-02	NA	1.92E-03	NA	1.43E+00	2.59E-02
13	373793	3756085	Residence	1.46E+01	1.49E+01	7.88E-01	1.68E-03	1.04E-01	4.17E-02	2.44E-01	1.88E-04	8.87E-02	NA	5.56E-02	NA	2.63E-03	NA	1.74E+00	3.17E-02
14	374093	3756085	Residence	1.34E+01	1.36E+01	7.19E-01	1.53E-03	9.33E-02	3.73E-02	2.22E-01	1.71E-04	7.97E-02	NA	5.11E-02	NA	2.44E-03	NA	1.59E+00	2.88E-02
15	373793	3756460	Residence	1.46E+01	1.48E+01	7.83E-01	1.67E-03	8.79E-02	3.51E-02	2.39E-01	1.84E-04	7.80E-02	NA	5.80E-02	NA	2.96E-03	NA	1.71E+00	3.10E-02
16	374093	3756460	Residence	1.34E+01	1.36E+01	7.17E-01	1.53E-03	8.19E-02	3.28E-02	2.19E-01	1.69E-04	7.23E-02	NA	5.32E-02	NA	2.72E-03	NA	1.56E+00	2.85E-02
17	373793	3756835	Residence	1.42E+01	1.44E+01	7.75E-01	1.65E-03	7.81E-02	3.12E-02	2.35E-01	1.81E-04	7.15E-02	NA	5.70E-02	NA	2.86E-03	NA	1.68E+00	3.05E-02
18	374093	3756835	Residence	1.31E+01	1.33E+01	7.09E-01	1.51E-03	7.44E-02	2.98E-02	2.16E-01	1.66E-04	6.73E-02	NA	5.23E-02	NA	2.64E-03	NA	1.54E+00	2.80E-02
19	373793	3757210	Residence	1.41E+01	1.43E+01	7.62E-01	1.62E-03	6.80E-02	2.72E-02	2.29E-01	1.76E-04	6.47E-02	NA	5.91E-02	NA	3.20E-03	NA	1.63E+00	2.97E-02
20	374093	3757210	Residence	1.31E+01	1.33E+01	7.10E-01	1.51E-03	6.46E-02	2.58E-02	2.14E-01	1.64E-04	6.10E-02	NA	5.46E-02	NA	2.93E-03	NA	1.52E+00	2.77E-02
21	373793	3757585	Residence	1.27E+01	1.29E+01	6.70E-01	1.43E-03	6.31E-02	2.52E-02	2.02E-01	1.56E-04	5.89E-02	NA	5.42E-02	NA	3.11E-03	NA	1.44E+00	2.62E-02
22	374093	3757585	Residence	1.21E+01	1.23E+01	6.41E-01	1.36E-03	6.10E-02	2.44E-02	1.93E-01	1.49E-04	5.68E-02	NA	5.14E-02	NA	2.92E-03	NA	1.38E+00	2.51E-02
23	373793	3757960	Residence	1.08E+01	1.09E+01	5.62E-01	1.20E-03	6.04E-02	2.42E-02	1.71E-01	1.32E-04	5.43E-02	NA	4.51E-02	NA	2.58E-03	NA	1.22E+00	2.22E-02
24	374093	3757960	Residence	1.01E+01	1.02E+01	5.18E-01	1.10E-03	5.81E-02	2.32E-02	1.58E-01	1.22E-04	5.16E-02	NA	4.26E-02	NA	2.50E-03	NA	1.13E+00	2.05E-02
25	373793	3758335	Residence	1.18E+01	1.19E+01	6.53E-01	1.39E-03	5.66E-02	2.27E-02	1.96E-01	1.51E-04	5.43E-02	NA	4.74E-02	NA	2.34E-03	NA	1.40E+00	2.54E-02
26	374093	3758335	Residence	1.05E+01	1.06E+01	5.77E-01	1.23E-03	5.47E-02	2.19E-02	1.74E-01	1.34E-04	5.10E-02	NA	4.18E-02	NA	2.05E-03	NA	1.24E+00	2.26E-02
27	373793	3758710	Residence	1.26E+01	1.28E+01	6.90E-01	1.47E-03	5.38E-02	2.15E-02	2.06E-01	1.58E-04	5.35E-02	NA	5.33E-02	NA	2.86E-03	NA	1.47E+00	2.67E-02
28	374093	3758710	Residence	1.14E+01	1.16E+01	6.29E-01	1.34E-03	5.08E-02	2.03E-02	1.88E-01	1.45E-04	4.99E-02	NA	4.75E-02	NA	2.48E-03	NA	1.34E+00	2.44E-02
30	367278	3755614	Residence	4.69E+01	4.76E+01	2.62E+00	5.58E-03	1.14E-01	4.55E-02	7.64E-01	5.88E-04	1.46E-01	NA	2.07E-01	NA	1.14E-02	NA	5.43E+00	9.88E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (μg/m^3)	1-Hour TOG Conc. (μg/m^3)	acetaldehyde (μg/m^3)	acetaldehyde Acute Hazard	acrolein (μg/m^3)	acrolein Acute Hazard	benzene (μg/m^3)	benzene Acute Hazard	butadiene, 1,3- (μg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (μg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (μg/m^3)	ethylene glycol Acute Hazard	formaldehyde (μg/m^3)	formaldehyde Acute Hazard
31	367231	3755722	Residence	4.91E+01	4.99E+01	2.75E+00	5.85E-03	1.16E-01	4.66E-02	8.01E-01	6.16E-04	1.51E-01	NA	2.17E-01	NA	1.19E-02	NA	5.69E+00	1.04E-01
32	367185	3755830	Residence	4.99E+01	5.06E+01	2.80E+00	5.95E-03	1.19E-01	4.76E-02	8.15E-01	6.27E-04	1.54E-01	NA	2.19E-01	NA	1.19E-02	NA	5.80E+00	1.05E-01
33	367138	3755938	Residence	5.04E+01	5.12E+01	2.86E+00	6.09E-03	1.22E-01	4.86E-02	8.34E-01	6.41E-04	1.57E-01	NA	2.19E-01	NA	1.14E-02	NA	5.93E+00	1.08E-01
34	367091	3756047	Residence	4.82E+01	4.89E+01	2.68E+00	5.70E-03	1.26E-01	5.03E-02	7.83E-01	6.02E-04	1.55E-01	NA	2.13E-01	NA	1.18E-02	NA	5.57E+00	1.01E-01
35	367048	3756147	Residence	4.68E+01	4.75E+01	2.56E+00	5.45E-03	1.31E-01	5.25E-02	7.51E-01	5.78E-04	1.55E-01	NA	2.08E-01	NA	1.18E-02	NA	5.34E+00	9.72E-02
36	367005	3756247	Residence	4.36E+01	4.42E+01	2.34E+00	4.98E-03	1.38E-01	5.52E-02	6.89E-01	5.30E-04	1.53E-01	NA	1.95E-01	NA	1.15E-02	NA	4.91E+00	8.92E-02
37	366962	3756348	Residence	4.08E+01	4.14E+01	2.15E+00	4.57E-03	1.44E-01	5.77E-02	6.37E-01	4.90E-04	1.52E-01	NA	1.84E-01	NA	1.12E-02	NA	4.53E+00	8.24E-02
38	366918	3756450	Residence	3.86E+01	3.92E+01	1.99E+00	4.24E-03	1.50E-01	6.01E-02	5.93E-01	4.56E-04	1.51E-01	NA	1.76E-01	NA	1.11E-02	NA	4.23E+00	7.68E-02
39	366874	3756551	Residence	3.64E+01	3.69E+01	1.85E+00	3.93E-03	1.53E-01	6.13E-02	5.53E-01	4.26E-04	1.49E-01	NA	1.66E-01	NA	1.06E-02	NA	3.94E+00	7.17E-02
40	366830	3756653	Residence	3.45E+01	3.50E+01	1.73E+00	3.68E-03	1.57E-01	6.27E-02	5.20E-01	4.00E-04	1.48E-01	NA	1.58E-01	NA	1.03E-02	NA	3.71E+00	6.74E-02
41	366840	3756685	Residence	3.43E+01	3.47E+01	1.70E+00	3.63E-03	1.59E-01	6.37E-02	5.14E-01	3.95E-04	1.49E-01	NA	1.57E-01	NA	1.04E-02	NA	3.66E+00	6.66E-02
42	366890	3756714	Residence	3.45E+01	3.50E+01	1.70E+00	3.63E-03	1.64E-01	6.58E-02	5.15E-01	3.96E-04	1.53E-01	NA	1.59E-01	NA	1.06E-02	NA	3.67E+00	6.67E-02
43	366879	3756683	Residence	3.48E+01	3.53E+01	1.73E+00	3.67E-03	1.62E-01	6.49E-02	5.21E-01	4.00E-04	1.52E-01	NA	1.60E-01	NA	1.06E-02	NA	3.71E+00	6.75E-02
44	366852	3756751	Residence	3.36E+01	3.40E+01	1.65E+00	3.51E-03	1.62E-01	6.48E-02	4.99E-01	3.84E-04	1.49E-01	NA	1.54E-01	NA	1.03E-02	NA	3.56E+00	6.47E-02
45	366884	3756737	Residence	3.42E+01	3.46E+01	1.68E+00	3.57E-03	1.64E-01	6.58E-02	5.08E-01	3.91E-04	1.52E-01	NA	1.57E-01	NA	1.05E-02	NA	3.62E+00	6.59E-02
46	366821	3756715	Residence	3.37E+01	3.41E+01	1.67E+00	3.55E-03	1.59E-01	6.35E-02	5.03E-01	3.87E-04	1.48E-01	NA	1.54E-01	NA	1.03E-02	NA	3.59E+00	6.52E-02
47	366790	3756728	Residence	3.31E+01	3.36E+01	1.64E+00	3.49E-03	1.57E-01	6.26E-02	4.95E-01	3.81E-04	1.46E-01	NA	1.52E-01	NA	1.01E-02	NA	3.53E+00	6.42E-02
48	366745	3756823	Residence	3.12E+01	3.16E+01	1.53E+00	3.26E-03	1.55E-01	6.19E-02	4.64E-01	3.57E-04	1.42E-01	NA	1.43E-01	NA	9.63E-03	NA	3.31E+00	6.01E-02
49	366700	3756919	Residence	2.92E+01	2.96E+01	1.42E+00	3.02E-03	1.53E-01	6.12E-02	4.32E-01	3.32E-04	1.37E-01	NA	1.33E-01	NA	9.00E-03	NA	3.08E+00	5.61E-02
50	366655	3757014	Residence	2.80E+01	2.83E+01	1.38E+00	2.94E-03	1.49E-01	5.98E-02	4.20E-01	3.23E-04	1.34E-01	NA	1.26E-01	NA	8.22E-03	NA	3.00E+00	5.45E-02
51	366608	3757113	Residence	2.74E+01	2.78E+01	1.37E+00	2.92E-03	1.45E-01	5.80E-02	4.17E-01	3.21E-04	1.31E-01	NA	1.22E-01	NA	7.73E-03	NA	2.98E+00	5.41E-02
52	366561	3757212	Residence	2.74E+01	2.78E+01	1.37E+00	2.91E-03	1.40E-01	5.59E-02	4.14E-01	3.19E-04	1.27E-01	NA	1.23E-01	NA	7.99E-03	NA	2.95E+00	5.37E-02
53	366514	3757311	Residence	2.73E+01	2.77E+01	1.36E+00	2.89E-03	1.34E-01	5.36E-02	4.10E-01	3.16E-04	1.23E-01	NA	1.24E-01	NA	8.12E-03	NA	2.93E+00	5.32E-02
54	366464	3757416	Residence	2.71E+01	2.74E+01	1.34E+00	2.86E-03	1.28E-01	5.13E-02	4.06E-01	3.12E-04	1.19E-01	NA	1.23E-01	NA	8.13E-03	NA	2.89E+00	5.26E-02
55	366415	3757520	Residence	2.67E+01	2.70E+01	1.33E+00	2.83E-03	1.23E-01	4.92E-02	4.01E-01	3.09E-04	1.16E-01	NA	1.22E-01	NA	8.00E-03	NA	2.86E+00	5.20E-02
56	366434	3757556	Residence	2.69E+01	2.72E+01	1.34E+00	2.86E-03	1.23E-01	4.93E-02	4.04E-01	3.11E-04	1.16E-01	NA	1.23E-01	NA	8.04E-03	NA	2.88E+00	5.24E-02
57	366484	3757562	Residence	2.73E+01	2.77E+01	1.36E+00	2.90E-03	1.25E-01	5.01E-02	4.11E-01	3.16E-04	1.18E-01	NA	1.25E-01	NA	8.19E-03	NA	2.93E+00	5.33E-02
58	366567	3757525	Residence	2.82E+01	2.85E+01	1.40E+00	2.98E-03	1.30E-01	5.19E-02	4.23E-01	3.25E-04	1.22E-01	NA	1.29E-01	NA	8.50E-03	NA	3.01E+00	5.48E-02
59	366621	3757539	Residence	2.87E+01	2.91E+01	1.43E+00	3.04E-03	1.31E-01	5.25E-02	4.30E-01	3.31E-04	1.24E-01	NA	1.31E-01	NA	8.66E-03	NA	3.07E+00	5.58E-02
60	366646	3757556	Residence	2.89E+01	2.93E+01	1.44E+00	3.07E-03	1.32E-01	5.26E-02	4.34E-01	3.34E-04	1.24E-01	NA	1.32E-01	NA	8.70E-03	NA	3.10E+00	5.63E-02
61	366713	3757550	Residence	2.96E+01	3.00E+01	1.48E+00	3.14E-03	1.34E-01	5.36E-02	4.44E-01	3.42E-04	1.27E-01	NA	1.36E-01	NA	8.91E-03	NA	3.17E+00	5.76E-02
62	366779	3757545	Residence	3.03E+01	3.07E+01	1.51E+00	3.22E-03	1.36E-01	5.46E-02	4.55E-01	3.50E-04	1.29E-01	NA	1.39E-01	NA	9.13E-03	NA	3.24E+00	5.90E-02
63	366839	3757583	Residence	3.08E+01	3.12E+01	1.55E+00	3.30E-03	1.36E-01	5.44E-02	4.65E-01	3.58E-04	1.30E-01	NA	1.41E-01	NA	9.15E-03	NA	3.32E+00	6.03E-02
64	366913	3757623	Residence	3.15E+01	3.20E+01	1.60E+00	3.41E-03	1.37E-01	5.48E-02	4.81E-01	3.70E-04	1.32E-01	NA	1.43E-01	NA	9.10E-03	NA	3.43E+00	6.23E-02
65	366986	3757664	Residence	3.24E+01	3.28E+01	1.67E+00	3.56E-03	1.37E-01	5.47E-02	5.01E-01	3.85E-04	1.34E-01	NA	1.45E-01	NA	8.94E-03	NA	3.57E+00	6.48E-02
66	367074	3757713	Residence	3.35E+01	3.40E+01	1.78E+00	3.79E-03	1.35E-01	5.40E-02	5.31E-01	4.08E-04	1.36E-01	NA	1.47E-01	NA	8.61E-03	NA	3.78E+00	6.87E-02
67	367162	3757761	Residence	3.43E+01	3.48E+01	1.87E+00	3.97E-03	1.33E-01	5.33E-02	5.56E-01	4.28E-04	1.37E-01	NA	1.48E-01	NA	8.13E-03	NA	3.95E+00	7.19E-02
68	367300	3757718	Residence	4.14E+01	4.20E+01	2.34E+00	4.99E-03	1.40E-01	5.60E-02	6.93E-01	5.33E-04	1.55E-01	NA	1.73E-01	NA	8.56E-03	NA	4.92E+00	8.94E-02
69	367385	3757734	Residence	4.18E+01	4.24E+01	2.39E+00	5.08E-03	1.41E-01	5.63E-02	7.05E-01	5.43E-04	1.57E-01	NA	1.73E-01	NA	8.28E-03	NA	5.01E+00	9.11E-02
70	367398	3757758	Residence	3.80E+01	3.86E+01	2.14E+00	4.55E-03	1.39E-01	5.55E-02	6.34E-01	4.88E-04	1.48E-01	NA	1.59E-01	NA	7.94E-03	NA	4.50E+00	8.19E-02
71	367506	3757818	Residence	2.63E+01	2.66E+01	1.33E+00	2.83E-03	1.34E-01	5.34E-02	4.03E-01	3.10E-04	1.22E-01	NA	1.16E-01	NA	7.32E-03	NA	2.87E+00	5.22E-02
72	367533	3757826	Residence	2.60E+01	2.63E+01	1.29E+00	2.75E-03	1.33E-01	5.31E-02	3.92E-01	3.02E-04	1.21E-01	NA	1.17E-01	NA	7.56E-03	NA	2.80E+00	5.09E-02
73	367561	3757814	Residence	2.63E+01	2.67E+01	1.31E+00	2.78E-03	1.34E-01	5.35E-02	3.97E-01	3.05E-04	1.22E-01	NA	1.19E-01	NA	7.75E-03	NA	2.83E+00	5.14E-02
78	367786	3757842	Residence	2.60E+01	2.64E+01	1.18E+00	2.51E-03	1.35E-01	5.39E-02	3.61E-01	2.78E-04	1.19E-01	NA	1.27E-01	NA	9.54E-03	NA	2.58E+00	4.68E-02
79	367782	3757935	Residence	2.58E+01	2.62E+01	1.18E+00	2.52E-03	1.28E-01	5.13E-02	3.61E-01	2.78E-04	1.15E-01	NA	1.26E-01	NA	9.36E-03	NA	2.57E+00	4.68E-02
80	367752	3757969	Residence	2.53E+01	2.57E+01	1.16E+00	2.48E-03	1.26E-01	5.04E-02	3.55E-01	2.73E-04	1.13E-01	NA	1.23E-01	NA	9.11E-03	NA	2.53E+00	4.60E-02
81	367775	3758021	Residence	2.57E+01	2.60E+01	1.20E+00	2.54E-03	1.22E-01	4.90E-02	3.63E-01	2.80E-04	1.12E-01	NA	1.24E-01	NA	9.07E-03	NA	2.59E+00	4.71E-02
82	367808	3758034	Residence	2.61E+01	2.65E+01	1.23E+00	2.61E-03	1.22E-01	4.86E-02	3.72E-01	2.86E-04	1.12E-01	NA	1.26E-01	NA	9.15E-03	NA	2.65E+00	4.81E-02
83	367866	3758009	Residence	2.71E+01	2.74E+01	1.27E+00	2.71E-03	1.23E-01	4.91E-02	3.86E-01	2.97E-04	1.14E-01	NA	1.31E-01	NA	9.46E-03	NA	2.75E+00	4.99E-02
84	367924	3757985	Residence	2.80E+01	2.84E+01	1.32E+00	2.82E-03	1.24E-01	4.97E-02	4.00E-01	3.08E-04	1.16E-01	NA	1.35E-01	NA	9.78E-03	NA	2.85E+00	5.18E-02
85	367938	3757954	Residence	2.84E+01	2.88E+01	1.34E+00	2.84E-03	1.26E-01	5.05E-02	4.04E-01	3.11E-04	1.18E-01	NA	1.38E-01	NA	1.00E-02	NA	2.88E+00	5.23E-02
86	367928	3757923	Residence	2.84E+01	2.87E+01	1.32E+00	2.82E-03	1.29E-01	5.14E-02	4.01E-01	3.08E-04	1.19E-01	NA	1.38E-01	NA	1.01E-02	NA	2.85E+00	5.19E-02
87	367915	3757953	Residence	2.80E+01	2.84E+01	1.31E+00	2.80E-03	1.26E-01	5.06E-02	3.98E-01	3.06E-04	1.17E-01	NA	1.36E-01	NA	9.92E-03	NA	2.83E+00	5.15E-02
88	368017	3757908	Residence	2.99E+01	3.03E+01	1.41E+00	3.00E-03	1.29E-01	5.16E-02	4.26E-01	3.28E-04	1.22E-01	NA	1.45E-01	NA	1.05E-02	NA	3.03E+00	5.51E-02
89	368119	3757863	Residence	3.20E+01	3.24E+01	1.52E+00	3.23E-03	1.32E-01	5.27E-02	4.57E-01	3.52E-04	1.27E-01	NA	1.55E-01	NA	1.12E-02	NA	3.25E+00	5.91E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (μg/m^3)	1-Hour TOG Conc. (μg/m^3)	acetaldehyde (μg/m^3)	acetaldehyde Acute Hazard	acrolein (μg/m^3)	acrolein Acute Hazard	benzene (μg/m^3)	benzene Acute Hazard	butadiene, 1,3- (μg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (μg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (μg/m^3)	ethylene glycol Acute Hazard	formaldehyde (μg/m^3)	formaldehyde Acute Hazard
90	368180	3757839	Residence	3.32E+01	3.36E+01	1.59E+00	3.38E-03	1.33E-01	5.33E-02	4.77E-01	3.67E-04	1.29E-01	NA	1.61E-01	NA	1.15E-02	NA	3.39E+00	6.17E-02
91	368242	3757814	Residence	3.52E+01	3.56E+01	1.66E+00	3.54E-03	1.35E-01	5.39E-02	4.98E-01	3.83E-04	1.32E-01	NA	1.73E-01	NA	1.27E-02	NA	3.54E+00	6.44E-02
92	368318	3757785	Residence	3.77E+01	3.82E+01	1.76E+00	3.74E-03	1.36E-01	5.46E-02	5.25E-01	4.04E-04	1.36E-01	NA	1.89E-01	NA	1.42E-02	NA	3.74E+00	6.79E-02
93	368407	3757788	Residence	4.03E+01	4.08E+01	1.85E+00	3.93E-03	1.35E-01	5.40E-02	5.51E-01	4.24E-04	1.38E-01	NA	2.07E-01	NA	1.59E-02	NA	3.92E+00	7.13E-02
94	368505	3757789	Residence	4.26E+01	4.32E+01	1.93E+00	4.11E-03	1.33E-01	5.34E-02	5.74E-01	4.42E-04	1.39E-01	NA	2.22E-01	NA	1.75E-02	NA	4.09E+00	7.43E-02
95	368603	3757790	Residence	4.41E+01	4.47E+01	1.99E+00	4.23E-03	1.32E-01	5.30E-02	5.90E-01	4.54E-04	1.40E-01	NA	2.32E-01	NA	1.84E-02	NA	4.20E+00	7.63E-02
96	368628	3757765	Residence	4.53E+01	4.58E+01	2.04E+00	4.34E-03	1.35E-01	5.39E-02	6.05E-01	4.65E-04	1.43E-01	NA	2.38E-01	NA	1.89E-02	NA	4.30E+00	7.82E-02
97	368676	3757781	Residence	4.49E+01	4.55E+01	2.03E+00	4.31E-03	1.34E-01	5.37E-02	6.01E-01	4.62E-04	1.42E-01	NA	2.36E-01	NA	1.87E-02	NA	4.28E+00	7.78E-02
98	368759	3757821	Residence	4.55E+01	4.61E+01	2.15E+00	4.58E-03	1.32E-01	5.30E-02	6.36E-01	4.89E-04	1.44E-01	NA	2.31E-01	NA	1.73E-02	NA	4.52E+00	8.22E-02
99	368839	3757872	Residence	4.68E+01	4.74E+01	2.33E+00	4.96E-03	1.29E-01	5.18E-02	6.85E-01	5.27E-04	1.47E-01	NA	2.28E-01	NA	1.59E-02	NA	4.88E+00	8.86E-02
100	368921	3757924	Residence	4.80E+01	4.86E+01	2.42E+00	5.15E-03	1.26E-01	5.03E-02	7.10E-01	5.46E-04	1.47E-01	NA	2.33E-01	NA	1.59E-02	NA	5.05E+00	9.19E-02
101	369004	3757976	Residence	4.70E+01	4.77E+01	2.40E+00	5.11E-03	1.22E-01	4.86E-02	7.03E-01	5.41E-04	1.44E-01	NA	2.26E-01	NA	1.52E-02	NA	5.01E+00	9.10E-02
102	369038	3757969	Residence	4.72E+01	4.78E+01	2.42E+00	5.15E-03	1.22E-01	4.86E-02	7.08E-01	5.45E-04	1.45E-01	NA	2.26E-01	NA	1.51E-02	NA	5.04E+00	9.17E-02
103	369101	3757878	Residence	5.07E+01	5.14E+01	2.62E+00	5.57E-03	1.27E-01	5.08E-02	7.65E-01	5.89E-04	1.54E-01	NA	2.41E-01	NA	1.59E-02	NA	5.45E+00	9.91E-02
104	369067	3757885	Residence	5.07E+01	5.14E+01	2.60E+00	5.54E-03	1.27E-01	5.08E-02	7.61E-01	5.85E-04	1.53E-01	NA	2.43E-01	NA	1.62E-02	NA	5.42E+00	9.85E-02
105	369139	3757930	Residence	4.74E+01	4.80E+01	2.46E+00	5.24E-03	1.24E-01	4.96E-02	7.21E-01	5.55E-04	1.47E-01	NA	2.23E-01	NA	1.45E-02	NA	5.14E+00	9.34E-02
106	369211	3757974	Residence	4.28E+01	4.34E+01	2.25E+00	4.78E-03	1.22E-01	4.88E-02	6.59E-01	5.07E-04	1.40E-01	NA	1.99E-01	NA	1.26E-02	NA	4.70E+00	8.54E-02
107	369243	3757968	Residence	4.17E+01	4.23E+01	2.20E+00	4.68E-03	1.23E-01	4.91E-02	6.46E-01	4.97E-04	1.39E-01	NA	1.92E-01	NA	1.20E-02	NA	4.60E+00	8.36E-02
108	369305	3757894	Residence	4.23E+01	4.29E+01	2.27E+00	4.82E-03	1.28E-01	5.12E-02	6.67E-01	5.13E-04	1.45E-01	NA	1.91E-01	NA	1.14E-02	NA	4.75E+00	8.63E-02
109	369366	3757820	Residence	4.50E+01	4.57E+01	2.51E+00	5.33E-03	1.34E-01	5.36E-02	7.36E-01	5.66E-04	1.55E-01	NA	1.95E-01	NA	1.06E-02	NA	5.24E+00	9.52E-02
110	369436	3757794	Residence	4.55E+01	4.62E+01	2.64E+00	5.62E-03	1.37E-01	5.47E-02	7.74E-01	5.95E-04	1.60E-01	NA	1.87E-01	NA	8.78E-03	NA	5.51E+00	1.00E-01
111	369435	3757760	Residence	4.70E+01	4.77E+01	2.73E+00	5.80E-03	1.40E-01	5.59E-02	7.99E-01	6.14E-04	1.65E-01	NA	1.94E-01	NA	9.15E-03	NA	5.69E+00	1.03E-01
112	369251	3758017	Residence	3.91E+01	3.97E+01	2.06E+00	4.37E-03	1.20E-01	4.79E-02	6.05E-01	4.65E-04	1.33E-01	NA	1.80E-01	NA	1.12E-02	NA	4.31E+00	7.83E-02
113	369344	3758083	Residence	3.66E+01	3.71E+01	2.02E+00	4.31E-03	1.16E-01	4.66E-02	5.96E-01	4.58E-04	1.30E-01	NA	1.58E-01	NA	8.63E-03	NA	4.24E+00	7.71E-02
114	369437	3758148	Residence	3.36E+01	3.42E+01	1.95E+00	4.15E-03	1.13E-01	4.52E-02	5.74E-01	4.42E-04	1.26E-01	NA	1.37E-01	NA	6.32E-03	NA	4.09E+00	7.43E-02
115	369429	3758218	Residence	3.21E+01	3.26E+01	1.85E+00	3.94E-03	1.09E-01	4.37E-02	5.46E-01	4.20E-04	1.21E-01	NA	1.31E-01	NA	6.13E-03	NA	3.89E+00	7.06E-02
116	369432	3758306	Residence	3.01E+01	3.05E+01	1.74E+00	3.69E-03	1.05E-01	4.21E-02	5.12E-01	3.94E-04	1.15E-01	NA	1.22E-01	NA	5.68E-03	NA	3.65E+00	6.63E-02
117	369435	3758395	Residence	2.83E+01	2.87E+01	1.63E+00	3.47E-03	1.01E-01	4.06E-02	4.82E-01	3.71E-04	1.10E-01	NA	1.14E-01	NA	5.30E-03	NA	3.43E+00	6.24E-02
118	369460	3758419	Residence	2.74E+01	2.78E+01	1.60E+00	3.39E-03	1.00E-01	4.02E-02	4.71E-01	3.62E-04	1.08E-01	NA	1.09E-01	NA	4.86E-03	NA	3.36E+00	6.10E-02
119	369558	3758419	Residence	2.61E+01	2.65E+01	1.52E+00	3.24E-03	1.01E-01	4.06E-02	4.52E-01	3.47E-04	1.07E-01	NA	1.03E-01	NA	4.42E-03	NA	3.22E+00	5.85E-02
120	369657	3758419	Residence	2.47E+01	2.51E+01	1.41E+00	3.01E-03	1.02E-01	4.07E-02	4.21E-01	3.24E-04	1.04E-01	NA	9.91E-02	NA	4.60E-03	NA	3.00E+00	5.45E-02
121	369755	3758419	Residence	2.29E+01	2.33E+01	1.28E+00	2.72E-03	1.01E-01	4.05E-02	3.82E-01	2.94E-04	1.00E-01	NA	9.33E-02	NA	4.64E-03	NA	2.72E+00	4.95E-02
122	369853	3758419	Residence	2.07E+01	2.11E+01	1.13E+00	2.40E-03	1.00E-01	4.02E-02	3.40E-01	2.61E-04	9.54E-02	NA	8.57E-02	NA	4.55E-03	NA	2.42E+00	4.39E-02
123	369878	3758394	Residence	2.05E+01	2.08E+01	1.10E+00	2.35E-03	1.01E-01	4.04E-02	3.34E-01	2.57E-04	9.52E-02	NA	8.49E-02	NA	4.57E-03	NA	2.37E+00	4.32E-02
124	369877	3758289	Residence	2.19E+01	2.23E+01	1.19E+00	2.53E-03	1.05E-01	4.21E-02	3.58E-01	2.75E-04	1.00E-01	NA	9.09E-02	NA	4.87E-03	NA	2.55E+00	4.63E-02
125	369876	3758183	Residence	2.36E+01	2.40E+01	1.29E+00	2.74E-03	1.10E-01	4.40E-02	3.88E-01	2.98E-04	1.06E-01	NA	9.79E-02	NA	5.17E-03	NA	2.76E+00	5.01E-02
126	369962	3758103	Residence	2.39E+01	2.43E+01	1.24E+00	2.63E-03	1.14E-01	4.56E-02	3.74E-01	2.88E-04	1.07E-01	NA	1.05E-01	NA	6.37E-03	NA	2.66E+00	4.83E-02
127	370075	3758103	Residence	2.24E+01	2.27E+01	1.06E+00	2.25E-03	1.16E-01	4.65E-02	3.25E-01	2.50E-04	1.04E-01	NA	1.05E-01	NA	7.43E-03	NA	2.31E+00	4.19E-02
128	370187	3758103	Residence	2.32E+01	2.35E+01	1.07E+00	2.27E-03	1.18E-01	4.72E-02	3.27E-01	2.52E-04	1.05E-01	NA	1.11E-01	NA	8.22E-03	NA	2.33E+00	4.23E-02
129	370299	3758103	Residence	2.31E+01	2.34E+01	1.03E+00	2.20E-03	1.19E-01	4.76E-02	3.19E-01	2.45E-04	1.05E-01	NA	1.14E-01	NA	8.70E-03	NA	2.26E+00	4.11E-02
136	370506	3758113	Residence	2.46E+01	2.49E+01	1.14E+00	2.42E-03	1.18E-01	4.73E-02	3.47E-01	2.67E-04	1.07E-01	NA	1.19E-01	NA	8.78E-03	NA	2.47E+00	4.49E-02
137	370601	3758113	Residence	2.53E+01	2.57E+01	1.20E+00	2.56E-03	1.17E-01	4.70E-02	3.66E-01	2.82E-04	1.09E-01	NA	1.21E-01	NA	8.58E-03	NA	2.60E+00	4.73E-02
138	370696	3758114	Residence	2.65E+01	2.68E+01	1.31E+00	2.78E-03	1.18E-01	4.71E-02	3.94E-01	3.03E-04	1.12E-01	NA	1.23E-01	NA	8.27E-03	NA	2.80E+00	5.10E-02
139	370791	3758114	Residence	3.00E+01	3.04E+01	1.58E+00	3.37E-03	1.17E-01	4.69E-02	4.74E-01	3.64E-04	1.19E-01	NA	1.33E-01	NA	7.85E-03	NA	3.36E+00	6.11E-02
140	370886	3758114	Residence	3.37E+01	3.43E+01	1.88E+00	4.00E-03	1.15E-01	4.59E-02	5.56E-01	4.28E-04	1.26E-01	NA	1.44E-01	NA	7.54E-03	NA	3.95E+00	7.18E-02
154	371170	3757732	Residence	3.21E+01	3.26E+01	1.67E+00	3.56E-03	1.30E-01	5.20E-02	5.00E-01	3.85E-04	1.29E-01	NA	1.43E-01	NA	8.79E-03	NA	3.56E+00	6.47E-02
155	371240	3757783	Residence	3.06E+01	3.11E+01	1.59E+00	3.39E-03	1.24E-01	4.97E-02	4.77E-01	3.67E-04	1.24E-01	NA	1.37E-01	NA	8.42E-03	NA	3.39E+00	6.17E-02
156	371264	3757808	Residence	3.00E+01	3.05E+01	1.56E+00	3.32E-03	1.22E-01	4.88E-02	4.67E-01	3.59E-04	1.21E-01	NA	1.34E-01	NA	8.29E-03	NA	3.32E+00	6.04E-02
157	371372	3757807	Residence	2.95E+01	2.99E+01	1.56E+00	3.31E-03	1.16E-01	4.63E-02	4.64E-01	3.57E-04	1.17E-01	NA	1.31E-01	NA	7.82E-03	NA	3.30E+00	6.01E-02
158	371385	3757827	Residence	2.91E+01	2.95E+01	1.53E+00	3.26E-03	1.15E-01	4.59E-02	4.57E-01	3.52E-04	1.16E-01	NA	1.29E-01	NA	7.76E-03	NA	3.25E+00	5.91E-02
159	371485	3757895	Residence	2.75E+01	2.79E+01	1.45E+00	3.08E-03	1.09E-01	4.35E-02	4.32E-01	3.32E-04	1.10E-01	NA	1.22E-01	NA	7.34E-03	NA	3.07E+00	5.59E-02
160	371585	3757964	Residence	2.61E+01	2.65E+01	1.37E+00	2.92E-03	1.03E-01	4.12E-02	4.09E-01	3.15E-04	1.04E-01	NA	1.16E-01	NA	6.96E-03	NA	2.91E+00	5.29E-02
161	371684	3758032	Residence	2.47E+01	2.51E+01	1.30E+00	2.77E-03	9.81E-02	3.92E-02	3.88E-01	2.99E-04	9.88E-02	NA	1.10E-01	NA	6.61E-03	NA	2.76E+00	5.02E-02
162	371784	3758101	Residence	2.35E+01	2.38E+01	1.23E+00	2.63E-03	9.36E-02	3.74E-02	3.69E-01	2.84E-04	9.41E-02	NA	1.04E-01	NA	6.29E-03	NA	2.62E+00	4.77E-02
163	371818	3758095	Residence	2.34E+01	2.38E+01	1.24E+00	2.63E-03	9.27E-02	3.71E-02	3.69E-01	2.84E-04	9.36E-02	NA	1.04E-01	NA	6.20E-03	NA	2.62E+00	4.77E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard
164	371873	3758022	Residence	2.39E+01	2.42E+01	1.28E+00	2.72E-03	9.15E-02	3.66E-02	3.80E-01	2.93E-04	9.40E-02	NA	1.04E-01	NA	6.05E-03	NA	2.71E+00	4.92E-02
165	371928	3757949	Residence	2.40E+01	2.43E+01	1.30E+00	2.77E-03	8.93E-02	3.57E-02	3.86E-01	2.97E-04	9.32E-02	NA	1.04E-01	NA	5.80E-03	NA	2.75E+00	5.00E-02
166	371969	3757946	Residence	2.36E+01	2.40E+01	1.29E+00	2.74E-03	8.77E-02	3.51E-02	3.82E-01	2.94E-04	9.17E-02	NA	1.02E-01	NA	5.66E-03	NA	2.72E+00	4.94E-02
167	371989	3757924	Residence	2.36E+01	2.39E+01	1.29E+00	2.75E-03	8.81E-02	3.53E-02	3.83E-01	2.95E-04	9.21E-02	NA	1.01E-01	NA	5.55E-03	NA	2.73E+00	4.95E-02
295	370737	3755244	Residence	2.49E+01	2.53E+01	1.43E+00	3.04E-03	1.57E-01	6.29E-02	4.36E-01	3.36E-04	1.40E-01	NA	8.97E-02	NA	3.36E-03	NA	3.11E+00	5.65E-02
296	370669	3755237	Residence	2.73E+01	2.77E+01	1.61E+00	3.42E-03	1.58E-01	6.31E-02	4.87E-01	3.75E-04	1.45E-01	NA	9.74E-02	NA	3.31E-03	NA	3.47E+00	6.31E-02
297	370571	3755237	Residence	3.10E+01	3.16E+01	1.88E+00	4.00E-03	1.59E-01	6.37E-02	5.65E-01	4.34E-04	1.54E-01	NA	1.09E-01	NA	3.25E-03	NA	4.02E+00	7.31E-02
298	370476	3755238	Residence	3.54E+01	3.60E+01	2.16E+00	4.59E-03	1.60E-01	6.41E-02	6.42E-01	4.94E-04	1.62E-01	NA	1.28E-01	NA	3.98E-03	NA	4.58E+00	8.32E-02
299	370380	3755238	Residence	3.97E+01	4.04E+01	2.41E+00	5.14E-03	1.61E-01	6.43E-02	7.15E-01	5.50E-04	1.69E-01	NA	1.47E-01	NA	4.99E-03	NA	5.09E+00	9.26E-02
300	370279	3755239	Residence	4.38E+01	4.45E+01	2.64E+00	5.61E-03	1.62E-01	6.46E-02	7.78E-01	5.98E-04	1.76E-01	NA	1.67E-01	NA	6.24E-03	NA	5.54E+00	1.01E-01
301	370177	3755240	Residence	4.68E+01	4.76E+01	2.78E+00	5.91E-03	1.63E-01	6.53E-02	8.16E-01	6.28E-04	1.81E-01	NA	1.84E-01	NA	7.67E-03	NA	5.82E+00	1.06E-01
302	370076	3755240	Residence	4.83E+01	4.91E+01	2.79E+00	5.94E-03	1.64E-01	6.56E-02	8.21E-01	6.31E-04	1.82E-01	NA	1.97E-01	NA	9.23E-03	NA	5.85E+00	1.06E-01
303	369979	3755241	Residence	4.81E+01	4.88E+01	2.68E+00	5.70E-03	1.64E-01	6.57E-02	7.90E-01	6.08E-04	1.79E-01	NA	2.04E-01	NA	1.08E-02	NA	5.63E+00	1.02E-01
304	369883	3755241	Residence	4.64E+01	4.71E+01	2.47E+00	5.25E-03	1.64E-01	6.54E-02	7.31E-01	5.62E-04	1.73E-01	NA	2.07E-01	NA	1.24E-02	NA	5.20E+00	9.46E-02
306	369690	3755242	Residence	4.92E+01	4.99E+01	2.50E+00	5.31E-03	1.62E-01	6.48E-02	7.43E-01	5.71E-04	1.73E-01	NA	2.32E-01	NA	1.53E-02	NA	5.26E+00	9.57E-02
307	369594	3755243	Residence	5.43E+01	5.51E+01	2.82E+00	5.99E-03	1.62E-01	6.47E-02	8.30E-01	6.39E-04	1.82E-01	NA	2.53E-01	NA	1.63E-02	NA	5.90E+00	1.07E-01
308	369498	3755243	Residence	5.03E+01	5.10E+01	2.51E+00	5.33E-03	1.62E-01	6.49E-02	7.41E-01	5.70E-04	1.73E-01	NA	2.41E-01	NA	1.67E-02	NA	5.28E+00	9.60E-02
309	369396	3755244	Residence	4.98E+01	5.05E+01	2.51E+00	5.33E-03	1.62E-01	6.50E-02	7.41E-01	5.70E-04	1.73E-01	NA	2.37E-01	NA	1.61E-02	NA	5.28E+00	9.60E-02
310	369295	3755244	Residence	5.47E+01	5.55E+01	2.96E+00	6.29E-03	1.70E-01	6.81E-02	8.68E-01	6.68E-04	1.90E-01	NA	2.43E-01	NA	1.43E-02	NA	6.19E+00	1.13E-01
311	369193	3755245	Residence	5.73E+01	5.82E+01	3.30E+00	7.02E-03	1.80E-01	7.18E-02	9.67E-01	7.44E-04	2.06E-01	NA	2.36E-01	NA	1.14E-02	NA	6.90E+00	1.25E-01
312	369092	3755245	Residence	5.92E+01	6.02E+01	3.46E+00	7.37E-03	1.91E-01	7.62E-02	1.02E+00	7.82E-04	2.17E-01	NA	2.39E-01	NA	1.08E-02	NA	7.24E+00	1.32E-01
313	368991	3755246	Residence	6.12E+01	6.22E+01	3.44E+00	7.32E-03	2.01E-01	8.05E-02	1.01E+00	7.80E-04	2.24E-01	NA	2.59E-01	NA	1.34E-02	NA	7.22E+00	1.31E-01
314	368889	3755247	Residence	6.03E+01	6.12E+01	3.27E+00	6.96E-03	2.03E-01	8.11E-02	9.68E-01	7.44E-04	2.20E-01	NA	2.64E-01	NA	1.51E-02	NA	6.88E+00	1.25E-01
315	368782	3755247	Residence	5.82E+01	5.91E+01	3.10E+00	6.61E-03	1.97E-01	7.87E-02	9.19E-01	7.07E-04	2.12E-01	NA	2.60E-01	NA	1.56E-02	NA	6.54E+00	1.19E-01
316	368676	3755248	Residence	5.83E+01	5.91E+01	2.94E+00	6.25E-03	1.90E-01	7.59E-02	8.70E-01	6.69E-04	2.03E-01	NA	2.77E-01	NA	1.87E-02	NA	6.19E+00	1.13E-01
317	368569	3755248	Residence	5.87E+01	5.94E+01	2.80E+00	5.96E-03	1.83E-01	7.33E-02	8.30E-01	6.38E-04	1.95E-01	NA	2.93E-01	NA	2.16E-02	NA	5.91E+00	1.07E-01
318	368471	3755249	Residence	5.72E+01	5.79E+01	2.64E+00	5.61E-03	1.77E-01	7.08E-02	7.81E-01	6.01E-04	1.86E-01	NA	2.95E-01	NA	2.27E-02	NA	5.56E+00	1.01E-01
319	368373	3755249	Residence	5.41E+01	5.48E+01	2.44E+00	5.19E-03	1.72E-01	6.88E-02	7.25E-01	5.58E-04	1.78E-01	NA	2.83E-01	NA	2.23E-02	NA	5.16E+00	9.38E-02
320	368275	3755250	Residence	5.01E+01	5.07E+01	2.24E+00	4.76E-03	1.70E-01	6.80E-02	6.67E-01	5.13E-04	1.71E-01	NA	2.63E-01	NA	2.09E-02	NA	4.75E+00	8.63E-02
321	368167	3755230	Residence	4.61E+01	4.67E+01	2.02E+00	4.30E-03	1.68E-01	6.72E-02	6.07E-01	4.67E-04	1.64E-01	NA	2.43E-01	NA	1.96E-02	NA	4.32E+00	7.85E-02
322	368054	3755209	Residence	4.22E+01	4.27E+01	1.83E+00	3.88E-03	1.66E-01	6.65E-02	5.51E-01	4.24E-04	1.57E-01	NA	2.22E-01	NA	1.80E-02	NA	3.92E+00	7.13E-02
323	367941	3755189	Residence	3.91E+01	3.96E+01	1.68E+00	3.57E-03	1.62E-01	6.50E-02	5.09E-01	3.91E-04	1.51E-01	NA	2.06E-01	NA	1.68E-02	NA	3.62E+00	6.58E-02
324	367824	3755185	Residence	3.70E+01	3.75E+01	1.62E+00	3.45E-03	1.55E-01	6.22E-02	4.91E-01	3.77E-04	1.45E-01	NA	1.92E-01	NA	1.53E-02	NA	3.49E+00	6.35E-02
325	367711	3755181	Residence	3.56E+01	3.60E+01	1.62E+00	3.45E-03	1.45E-01	5.79E-02	4.89E-01	3.76E-04	1.38E-01	NA	1.79E-01	NA	1.37E-02	NA	3.48E+00	6.32E-02
326	367598	3755178	Residence	3.43E+01	3.48E+01	1.64E+00	3.49E-03	1.32E-01	5.29E-02	4.92E-01	3.78E-04	1.30E-01	NA	1.67E-01	NA	1.20E-02	NA	3.50E+00	6.36E-02
327	367484	3755174	Residence	3.26E+01	3.31E+01	1.63E+00	3.47E-03	1.20E-01	4.80E-02	4.86E-01	3.74E-04	1.22E-01	NA	1.54E-01	NA	1.03E-02	NA	3.46E+00	6.29E-02
328	367461	3755189	Residence	3.26E+01	3.30E+01	1.66E+00	3.53E-03	1.17E-01	4.68E-02	4.93E-01	3.79E-04	1.21E-01	NA	1.52E-01	NA	9.89E-03	NA	3.51E+00	6.38E-02
329	367415	3755295	Residence	3.50E+01	3.55E+01	1.85E+00	3.94E-03	1.09E-01	4.37E-02	5.45E-01	4.19E-04	1.21E-01	NA	1.60E-01	NA	9.79E-03	NA	3.88E+00	7.05E-02
330	367369	3755401	Residence	3.86E+01	3.91E+01	2.06E+00	4.39E-03	1.10E-01	4.39E-02	6.06E-01	4.66E-04	1.27E-01	NA	1.76E-01	NA	1.06E-02	NA	4.31E+00	7.83E-02
331	367324	3755507	Residence	4.28E+01	4.34E+01	2.35E+00	4.99E-03	1.12E-01	4.47E-02	6.86E-01	5.28E-04	1.37E-01	NA	1.91E-01	NA	1.10E-02	NA	4.88E+00	8.87E-02
332	367484	3755199	Residence	3.30E+01	3.35E+01	1.67E+00	3.56E-03	1.19E-01	4.76E-02	4.97E-01	3.82E-04	1.23E-01	NA	1.54E-01	NA	1.02E-02	NA	3.54E+00	6.43E-02
333	367301	3755623	Residence	4.78E+01	4.85E+01	2.67E+00	5.69E-03	1.15E-01	4.60E-02	7.79E-01	5.99E-04	1.48E-01	NA	2.11E-01	NA	1.15E-02	NA	5.54E+00	1.01E-01
334	367114	3756056	Residence	4.91E+01	4.98E+01	2.73E+00	5.81E-03	1.27E-01	5.08E-02	7.98E-01	6.14E-04	1.57E-01	NA	2.16E-01	NA	1.19E-02	NA	5.68E+00	1.03E-01
335	366985	3756358	Residence	4.12E+01	4.17E+01	2.16E+00	4.60E-03	1.46E-01	5.86E-02	6.41E-01	4.93E-04	1.54E-01	NA	1.86E-01	NA	1.14E-02	NA	4.56E+00	8.29E-02
336	366853	3756663	Residence	3.47E+01	3.52E+01	1.73E+00	3.68E-03	1.59E-01	6.37E-02	5.21E-01	4.01E-04	1.50E-01	NA	1.59E-01	NA	1.04E-02	NA	3.72E+00	6.76E-02
337	366902	3756692	Residence	3.50E+01	3.54E+01	1.73E+00	3.68E-03	1.65E-01	6.59E-02	5.22E-01	4.02E-04	1.53E-01	NA	1.61E-01	NA	1.07E-02	NA	3.72E+00	6.77E-02
338	366876	3756760	Residence	3.37E+01	3.41E+01	1.65E+00	3.52E-03	1.64E-01	6.56E-02	5.00E-01	3.85E-04	1.51E-01	NA	1.55E-01	NA	1.04E-02	NA	3.57E+00	6.49E-02
339	366813	3756739	Residence	3.33E+01	3.37E+01	1.64E+00	3.49E-03	1.59E-01	6.34E-02	4.96E-01	3.81E-04	1.47E-01	NA	1.53E-01	NA	1.02E-02	NA	3.54E+00	6.43E-02
340	366677	3757025	Residence	2.82E+01	2.85E+01	1.39E+00	2.96E-03	1.51E-01	6.04E-02	4.24E-01	3.26E-04	1.35E-01	NA	1.26E-01	NA	8.21E-03	NA	3.03E+00	5.50E-02
341	366536	3757322	Residence	2.76E+01	2.79E+01	1.37E+00	2.91E-03	1.35E-01	5.39E-02	4.14E-01	3.18E-04	1.24E-01	NA	1.25E-01	NA	8.25E-03	NA	2.95E+00	5.37E-02
342	366437	3757531	Residence	2.69E+01	2.73E+01	1.34E+00	2.86E-03	1.24E-01	4.96E-02	4.04E-01	3.11E-04	1.17E-01	NA	1.23E-01	NA	8.07E-03	NA	2.88E+00	5.24E-02
343	366487	3757537	Residence	2.74E+01	2.77E+01	1.37E+00	2.90E-03	1.26E-01	5.04E-02	4.11E-01	3.16E-04	1.19E-01	NA	1.25E-01	NA	8.23E-03	NA	2.93E+00	5.33E-02
344	366624	3757468	Residence	2.88E+01	2.91E+01	1.43E+00	3.03E-03	1.34E-01	5.36E-02	4.30E-01	3.31E-04	1.25E-01	NA	1.32E-01	NA	8.76E-03	NA	3.07E+00	5.57E-02
345	366644	3757531	Residence	2.89E+01	2.93E+01	1.44E+00	3.07E-03	1.33E-01	5.30E-02	4.34E-01	3.34E-04	1.25E-01	NA	1.33E-01	NA	8.75E-03	NA	3.09E+00	5.63E-02
346	366777	3757520	Residence	3.03E+01	3.07E+01	1.51E+00	3.21E-03	1.38E-01	5.52E-02	4.55E-01	3.50E-04	1.30E-01	NA	1.39E-01	NA	9.20E-03	NA	3.24E+00	5.89E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (µg/m^3)	1-Hour TOG Conc. (µg/m^3)	acetaldehyde (µg/m^3)	acetaldehyde Acute Hazard	acrolein (µg/m^3)	acrolein Acute Hazard	benzene (µg/m^3)	benzene Acute Hazard	butadiene, 1,3- (µg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (µg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (µg/m^3)	ethylene glycol Acute Hazard	formaldehyde (µg/m^3)	formaldehyde Acute Hazard
347	366999	3757642	Residence	3.26E+01	3.31E+01	1.68E+00	3.57E-03	1.38E-01	5.54E-02	5.03E-01	3.87E-04	1.35E-01	NA	1.47E-01	NA	9.12E-03	NA	3.58E+00	6.52E-02
348	367174	3757740	Residence	3.55E+01	3.60E+01	1.94E+00	4.12E-03	1.35E-01	5.39E-02	5.76E-01	4.43E-04	1.40E-01	NA	1.53E-01	NA	8.36E-03	NA	4.09E+00	7.45E-02
349	367291	3757694	Residence	4.32E+01	4.38E+01	2.46E+00	5.23E-03	1.41E-01	5.65E-02	7.25E-01	5.58E-04	1.59E-01	NA	1.81E-01	NA	8.84E-03	NA	5.15E+00	9.36E-02
350	367413	3757695	Residence	5.03E+01	5.11E+01	2.97E+00	6.33E-03	1.45E-01	5.79E-02	8.73E-01	6.71E-04	1.76E-01	NA	2.04E-01	NA	8.77E-03	NA	6.19E+00	1.13E-01
351	367410	3757736	Residence	4.21E+01	4.27E+01	2.41E+00	5.13E-03	1.41E-01	5.64E-02	7.13E-01	5.48E-04	1.58E-01	NA	1.74E-01	NA	8.22E-03	NA	5.06E+00	9.20E-02
352	367518	3757796	Residence	2.69E+01	2.73E+01	1.36E+00	2.90E-03	1.36E-01	5.43E-02	4.15E-01	3.19E-04	1.25E-01	NA	1.19E-01	NA	7.35E-03	NA	2.95E+00	5.36E-02
353	367539	3757802	Residence	2.66E+01	2.69E+01	1.33E+00	2.84E-03	1.35E-01	5.40E-02	4.05E-01	3.11E-04	1.23E-01	NA	1.18E-01	NA	7.54E-03	NA	2.89E+00	5.25E-02
354	367609	3757677	Residence	3.08E+01	3.12E+01	1.56E+00	3.32E-03	1.48E-01	5.91E-02	4.71E-01	3.62E-04	1.38E-01	NA	1.38E-01	NA	8.77E-03	NA	3.36E+00	6.10E-02
355	367769	3757644	Residence	3.19E+01	3.24E+01	1.61E+00	3.42E-03	1.51E-01	6.03E-02	4.86E-01	3.74E-04	1.41E-01	NA	1.44E-01	NA	9.21E-03	NA	3.46E+00	6.29E-02
356	367775	3757719	Residence	2.98E+01	3.02E+01	1.45E+00	3.08E-03	1.44E-01	5.78E-02	4.38E-01	3.37E-04	1.33E-01	NA	1.38E-01	NA	9.42E-03	NA	3.13E+00	5.68E-02
357	367809	3757835	Residence	2.62E+01	2.66E+01	1.18E+00	2.52E-03	1.35E-01	5.42E-02	3.63E-01	2.79E-04	1.20E-01	NA	1.28E-01	NA	9.72E-03	NA	2.59E+00	4.70E-02
358	367807	3757936	Residence	2.63E+01	2.66E+01	1.21E+00	2.57E-03	1.28E-01	5.13E-02	3.68E-01	2.83E-04	1.16E-01	NA	1.28E-01	NA	9.49E-03	NA	2.62E+00	4.77E-02
359	367775	3757959	Residence	2.57E+01	2.60E+01	1.18E+00	2.52E-03	1.27E-01	5.06E-02	3.61E-01	2.77E-04	1.14E-01	NA	1.25E-01	NA	9.26E-03	NA	2.57E+00	4.67E-02
360	367798	3758011	Residence	2.60E+01	2.64E+01	1.21E+00	2.58E-03	1.23E-01	4.92E-02	3.69E-01	2.84E-04	1.12E-01	NA	1.26E-01	NA	9.20E-03	NA	2.63E+00	4.77E-02
361	367914	3757962	Residence	2.80E+01	2.84E+01	1.31E+00	2.80E-03	1.26E-01	5.04E-02	3.98E-01	3.06E-04	1.17E-01	NA	1.36E-01	NA	9.88E-03	NA	2.83E+00	5.15E-02
362	367905	3757930	Residence	2.79E+01	2.83E+01	1.30E+00	2.77E-03	1.28E-01	5.13E-02	3.94E-01	3.03E-04	1.18E-01	NA	1.36E-01	NA	1.00E-02	NA	2.81E+00	5.11E-02
363	368109	3757840	Residence	3.20E+01	3.24E+01	1.51E+00	3.21E-03	1.34E-01	5.36E-02	4.54E-01	3.50E-04	1.28E-01	NA	1.56E-01	NA	1.14E-02	NA	3.24E+00	5.88E-02
364	368233	3757790	Residence	3.50E+01	3.54E+01	1.66E+00	3.53E-03	1.37E-01	5.48E-02	4.97E-01	3.82E-04	1.34E-01	NA	1.71E-01	NA	1.25E-02	NA	3.54E+00	6.43E-02
365	368309	3757762	Residence	3.76E+01	3.81E+01	1.75E+00	3.73E-03	1.39E-01	5.56E-02	5.25E-01	4.04E-04	1.38E-01	NA	1.88E-01	NA	1.40E-02	NA	3.74E+00	6.79E-02
366	368603	3757765	Residence	4.50E+01	4.55E+01	2.03E+00	4.31E-03	1.34E-01	5.37E-02	6.01E-01	4.62E-04	1.42E-01	NA	2.37E-01	NA	1.88E-02	NA	4.27E+00	7.77E-02
367	368604	3757719	Residence	4.66E+01	4.72E+01	2.09E+00	4.46E-03	1.39E-01	5.55E-02	6.21E-01	4.78E-04	1.47E-01	NA	2.46E-01	NA	1.95E-02	NA	4.42E+00	8.03E-02
368	368770	3757799	Residence	4.63E+01	4.69E+01	2.18E+00	4.65E-03	1.34E-01	5.37E-02	6.46E-01	4.97E-04	1.46E-01	NA	2.36E-01	NA	1.77E-02	NA	4.59E+00	8.35E-02
369	369017	3757954	Residence	4.78E+01	4.85E+01	2.45E+00	5.20E-03	1.23E-01	4.91E-02	7.16E-01	5.51E-04	1.46E-01	NA	2.30E-01	NA	1.54E-02	NA	5.10E+00	9.27E-02
370	369080	3757864	Residence	5.16E+01	5.23E+01	2.65E+00	5.65E-03	1.28E-01	5.14E-02	7.76E-01	5.97E-04	1.55E-01	NA	2.47E-01	NA	1.64E-02	NA	5.52E+00	1.00E-01
371	369224	3757952	Residence	4.33E+01	4.40E+01	2.28E+00	4.85E-03	1.24E-01	4.94E-02	6.69E-01	5.15E-04	1.42E-01	NA	2.00E-01	NA	1.26E-02	NA	4.77E+00	8.67E-02
372	369409	3757730	Residence	4.87E+01	4.94E+01	2.78E+00	5.91E-03	1.42E-01	5.67E-02	8.14E-01	6.26E-04	1.67E-01	NA	2.05E-01	NA	1.04E-02	NA	5.79E+00	1.05E-01
373	369454	3757776	Residence	4.60E+01	4.67E+01	2.69E+00	5.73E-03	1.39E-01	5.54E-02	7.89E-01	6.07E-04	1.63E-01	NA	1.87E-01	NA	8.54E-03	NA	5.62E+00	1.02E-01
374	369265	3757997	Residence	3.93E+01	3.99E+01	2.07E+00	4.41E-03	1.21E-01	4.84E-02	6.11E-01	4.70E-04	1.35E-01	NA	1.80E-01	NA	1.12E-02	NA	4.35E+00	7.91E-02
375	369452	3758128	Residence	3.39E+01	3.44E+01	1.98E+00	4.21E-03	1.14E-01	4.58E-02	5.82E-01	4.48E-04	1.28E-01	NA	1.37E-01	NA	6.15E-03	NA	4.15E+00	7.54E-02
376	369460	3758394	Residence	2.79E+01	2.83E+01	1.62E+00	3.45E-03	1.02E-01	4.06E-02	4.79E-01	3.69E-04	1.10E-01	NA	1.11E-01	NA	4.94E-03	NA	3.41E+00	6.21E-02
377	369853	3758394	Residence	2.11E+01	2.14E+01	1.14E+00	2.44E-03	1.01E-01	4.06E-02	3.45E-01	2.65E-04	9.65E-02	NA	8.71E-02	NA	4.62E-03	NA	2.45E+00	4.46E-02
378	369850	3758078	Residence	2.62E+01	2.66E+01	1.45E+00	3.08E-03	1.16E-01	4.62E-02	4.34E-01	3.34E-04	1.14E-01	NA	1.08E-01	NA	5.60E-03	NA	3.08E+00	5.61E-02
384	370886	3758089	Residence	3.60E+01	3.66E+01	2.03E+00	4.33E-03	1.17E-01	4.69E-02	6.01E-01	4.62E-04	1.32E-01	NA	1.52E-01	NA	7.67E-03	NA	4.26E+00	7.75E-02
391	371193	3757720	Residence	3.23E+01	3.27E+01	1.69E+00	3.60E-03	1.29E-01	5.14E-02	5.05E-01	3.89E-04	1.29E-01	NA	1.43E-01	NA	8.68E-03	NA	3.59E+00	6.53E-02
392	371254	3757762	Residence	3.10E+01	3.15E+01	1.62E+00	3.46E-03	1.24E-01	4.95E-02	4.85E-01	3.73E-04	1.24E-01	NA	1.38E-01	NA	8.37E-03	NA	3.45E+00	6.28E-02
393	371264	3757783	Residence	3.05E+01	3.10E+01	1.60E+00	3.39E-03	1.23E-01	4.91E-02	4.77E-01	3.67E-04	1.23E-01	NA	1.36E-01	NA	8.31E-03	NA	3.39E+00	6.17E-02
394	371372	3757782	Residence	2.99E+01	3.04E+01	1.59E+00	3.38E-03	1.16E-01	4.64E-02	4.73E-01	3.64E-04	1.18E-01	NA	1.32E-01	NA	7.81E-03	NA	3.36E+00	6.12E-02
395	371399	3757806	Residence	2.94E+01	2.98E+01	1.55E+00	3.31E-03	1.14E-01	4.57E-02	4.63E-01	3.56E-04	1.16E-01	NA	1.30E-01	NA	7.70E-03	NA	3.30E+00	5.99E-02
396	371798	3758080	Residence	2.37E+01	2.40E+01	1.25E+00	2.66E-03	9.35E-02	3.74E-02	3.73E-01	2.87E-04	9.45E-02	NA	1.05E-01	NA	6.26E-03	NA	2.65E+00	4.82E-02
397	371908	3757934	Residence	2.42E+01	2.46E+01	1.32E+00	2.80E-03	8.99E-02	3.60E-02	3.90E-01	3.00E-04	9.40E-02	NA	1.05E-01	NA	5.84E-03	NA	2.78E+00	5.05E-02
398	371964	3757922	Residence	2.38E+01	2.42E+01	1.30E+00	2.77E-03	8.87E-02	3.55E-02	3.86E-01	2.97E-04	9.28E-02	NA	1.02E-01	NA	5.63E-03	NA	2.75E+00	4.99E-02
442	370667	3755262	Residence	2.74E+01	2.79E+01	1.60E+00	3.41E-03	1.61E-01	6.42E-02	4.87E-01	3.75E-04	1.47E-01	NA	9.82E-02	NA	3.41E-03	NA	3.47E+00	6.31E-02
443	370380	3755263	Residence	4.00E+01	4.07E+01	2.44E+00	5.19E-03	1.64E-01	6.57E-02	7.23E-01	5.56E-04	1.72E-01	NA	1.47E-01	NA	4.89E-03	NA	5.15E+00	9.36E-02
444	370076	3755265	Residence	4.94E+01	5.01E+01	2.87E+00	6.11E-03	1.67E-01	6.69E-02	8.43E-01	6.49E-04	1.86E-01	NA	2.00E-01	NA	9.16E-03	NA	6.02E+00	1.09E-01
446	369498	3755268	Residence	5.13E+01	5.20E+01	2.55E+00	5.42E-03	1.65E-01	6.60E-02	7.53E-01	5.79E-04	1.76E-01	NA	2.47E-01	NA	1.71E-02	NA	5.37E+00	9.76E-02
447	369194	3755270	Residence	5.97E+01	6.06E+01	3.44E+00	7.31E-03	1.86E-01	7.42E-02	1.01E+00	7.75E-04	2.13E-01	NA	2.47E-01	NA	1.20E-02	NA	7.18E+00	1.31E-01
448	368889	3755272	Residence	6.13E+01	6.23E+01	3.31E+00	7.05E-03	2.07E-01	8.27E-02	9.80E-01	7.54E-04	2.24E-01	NA	2.70E-01	NA	1.57E-02	NA	6.97E+00	1.27E-01
449	368569	3755273	Residence	5.98E+01	6.06E+01	2.83E+00	6.02E-03	1.85E-01	7.41E-02	8.38E-01	6.45E-04	1.97E-01	NA	3.02E-01	NA	2.25E-02	NA	5.97E+00	1.08E-01
450	368275	3755275	Residence	5.04E+01	5.10E+01	2.23E+00	4.74E-03	1.72E-01	6.89E-02	6.66E-01	5.12E-04	1.72E-01	NA	2.65E-01	NA	2.12E-02	NA	4.74E+00	8.61E-02
451	367936	3755213	Residence	3.91E+01	3.95E+01	1.67E+00	3.55E-03	1.64E-01	6.55E-02	5.06E-01	3.89E-04	1.51E-01	NA	2.06E-01	NA	1.69E-02	NA	3.60E+00	6.55E-02
74	370324	3758078	School	2.80E+01	2.84E+01	1.42E+00	3.02E-03	1.40E-01	5.59E-02	4.29E-01	3.30E-04	1.29E-01	NA	1.25E-01	NA	7.88E-03	NA	3.06E+00	5.56E-02
75	370324	3758078	School	3.03E+01	3.07E+01	1.53E+00	3.26E-03	1.46E-01	5.85E-02	4.63E-01	3.56E-04	1.36E-01	NA	1.35E-01	NA	8.53E-03	NA	3.30E+00	6.00E-02
76	370324	3758078	School	3.03E+01	3.07E+01	1.53E+00	3.26E-03	1.46E-01	5.86E-02	4.63E-01	3.56E-04	1.36E-01	NA	1.35E-01	NA	8.58E-03	NA	3.30E+00	6.00E-02
77	370324	3758078	School	2.96E+01	3.00E+01	1.45E+00	3.08E-03	1.44E-01	5.76E-02	4.39E-01	3.38E-04	1.32E-01	NA	1.36E-01	NA	9.19E-03	NA	3.13E+00	5.69E-02
130	370324	3758078	School	2.42E+01	2.45E+01	1.09E+00	2.32E-03	1.21E-01	4.82E-02	3.34E-01	2.57E-04	1.08E-01	NA	1.19E-01	NA	9.03E-03	NA	2.37E+00	4.31E-02

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	1-Hour ROG Conc. (μg/m^3)	1-Hour TOG Conc. (μg/m^3)	acetaldehyde (μg/m^3)	acetaldehyde Acute Hazard	acrolein (μg/m^3)	acrolein Acute Hazard	benzene (μg/m^3)	benzene Acute Hazard	butadiene, 1,3- (μg/m^3)	butadiene, 1,3- Acute Hazard	ethylbenzene (μg/m^3)	ethylbenzene Acute Hazard	ethylene glycol (μg/m^3)	ethylene glycol Acute Hazard	formaldehyde (μg/m^3)	formaldehyde Acute Hazard
131	370381	3757991	School	2.67E+01	2.71E+01	1.22E+00	2.59E-03	1.26E-01	5.06E-02	3.72E-01	2.86E-04	1.15E-01	NA	1.31E-01	NA	9.88E-03	NA	2.64E+00	4.80E-02
132	370435	3758019	School	2.64E+01	2.67E+01	1.22E+00	2.59E-03	1.24E-01	4.98E-02	3.71E-01	2.85E-04	1.13E-01	NA	1.29E-01	NA	9.56E-03	NA	2.63E+00	4.79E-02
133	370499	3758050	School	2.61E+01	2.65E+01	1.22E+00	2.60E-03	1.22E-01	4.89E-02	3.71E-01	2.86E-04	1.12E-01	NA	1.26E-01	NA	9.21E-03	NA	2.64E+00	4.80E-02
134	370485	3758025	School	2.66E+01	2.70E+01	1.24E+00	2.65E-03	1.24E-01	4.95E-02	3.79E-01	2.91E-04	1.14E-01	NA	1.29E-01	NA	9.40E-03	NA	2.69E+00	4.89E-02
135	370481	3758086	School	2.50E+01	2.54E+01	1.16E+00	2.46E-03	1.20E-01	4.80E-02	3.53E-01	2.71E-04	1.09E-01	NA	1.22E-01	NA	9.00E-03	NA	2.51E+00	4.56E-02
305	369787	3755242	School	4.54E+01	4.60E+01	2.30E+00	4.89E-03	1.63E-01	6.52E-02	6.85E-01	5.27E-04	1.68E-01	NA	2.12E-01	NA	1.40E-02	NA	4.87E+00	8.85E-02
379	370299	3758078	School	2.41E+01	2.44E+01	1.09E+00	2.31E-03	1.21E-01	4.82E-02	3.34E-01	2.57E-04	1.07E-01	NA	1.19E-01	NA	8.98E-03	NA	2.37E+00	4.31E-02
380	370298	3757963	School	2.72E+01	2.76E+01	1.23E+00	2.63E-03	1.29E-01	5.14E-02	3.77E-01	2.90E-04	1.17E-01	NA	1.35E-01	NA	1.02E-02	NA	2.68E+00	4.87E-02
381	370382	3757966	School	2.74E+01	2.77E+01	1.25E+00	2.66E-03	1.28E-01	5.13E-02	3.81E-01	2.93E-04	1.17E-01	NA	1.34E-01	NA	1.01E-02	NA	2.71E+00	4.93E-02
382	370510	3758027	School	2.68E+01	2.72E+01	1.26E+00	2.68E-03	1.24E-01	4.94E-02	3.83E-01	2.95E-04	1.14E-01	NA	1.29E-01	NA	9.31E-03	NA	2.72E+00	4.95E-02
383	370506	3758088	School	2.52E+01	2.56E+01	1.17E+00	2.49E-03	1.20E-01	4.79E-02	3.57E-01	2.75E-04	1.09E-01	NA	1.22E-01	NA	8.95E-03	NA	2.54E+00	4.62E-02
445	369787	3755267	School	4.60E+01	4.67E+01	2.34E+00	4.97E-03	1.66E-01	6.65E-02	6.96E-01	5.35E-04	1.71E-01	NA	2.14E-01	NA	1.40E-02	NA	4.95E+00	9.00E-02

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
			CalEPA Acute REL		NA		3200		28000		13000		NA		NA		5800		NA
29	370479	3756654	Commercial	4.05E-01	NA	3.03E-02	9.46E-06	4.02E-02	1.43E-06	8.28E-01	6.37E-05	3.15E-02	NA	8.72E-02	NA	3.59E-02	6.19E-06	1.71E+00	NA
141	370911	3758089	Commercial	2.28E-01	NA	1.85E-02	5.77E-06	2.06E-02	7.34E-07	3.59E-01	2.76E-05	1.45E-02	NA	5.41E-02	NA	3.45E-02	5.95E-06	8.57E-01	NA
142	370911	3757976	Commercial	2.42E-01	NA	1.98E-02	6.19E-06	2.16E-02	7.72E-07	3.72E-01	2.86E-05	1.48E-02	NA	5.76E-02	NA	3.76E-02	6.48E-06	8.99E-01	NA
143	370911	3757863	Commercial	2.57E-01	NA	2.22E-02	6.93E-06	2.12E-02	7.57E-07	3.17E-01	2.44E-05	1.18E-02	NA	5.75E-02	NA	4.05E-02	6.98E-06	8.15E-01	NA
144	370910	3757751	Commercial	2.74E-01	NA	2.40E-02	7.50E-06	2.21E-02	7.91E-07	3.17E-01	2.44E-05	1.15E-02	NA	6.00E-02	NA	4.29E-02	7.39E-06	8.27E-01	NA
145	370930	3757712	Commercial	2.77E-01	NA	2.42E-02	7.57E-06	2.24E-02	7.98E-07	3.20E-01	2.46E-05	1.16E-02	NA	6.09E-02	NA	4.36E-02	7.52E-06	8.37E-01	NA
146	370961	3757689	Commercial	2.75E-01	NA	2.41E-02	7.52E-06	2.23E-02	7.95E-07	3.18E-01	2.45E-05	1.17E-02	NA	6.06E-02	NA	4.34E-02	7.49E-06	8.34E-01	NA
147	371046	3757693	Commercial	2.63E-01	NA	2.30E-02	7.17E-06	2.15E-02	7.67E-07	3.12E-01	2.40E-05	1.15E-02	NA	5.82E-02	NA	4.14E-02	7.13E-06	8.10E-01	NA
148	371071	3757668	Commercial	2.62E-01	NA	2.27E-02	7.09E-06	2.15E-02	7.70E-07	3.19E-01	2.45E-05	1.19E-02	NA	5.82E-02	NA	4.10E-02	7.06E-06	8.20E-01	NA
149	371071	3757585	Commercial	2.65E-01	NA	2.26E-02	7.05E-06	2.24E-02	7.99E-07	3.51E-01	2.70E-05	1.31E-02	NA	6.08E-02	NA	4.20E-02	7.25E-06	8.85E-01	NA
150	371047	3757610	Commercial	2.68E-01	NA	2.30E-02	7.20E-06	2.24E-02	7.99E-07	3.41E-01	2.62E-05	1.28E-02	NA	6.03E-02	NA	4.18E-02	7.21E-06	8.66E-01	NA
151	371122	3757609	Commercial	2.57E-01	NA	2.18E-02	6.83E-06	2.17E-02	7.75E-07	3.41E-01	2.62E-05	1.27E-02	NA	5.88E-02	NA	4.05E-02	6.99E-06	8.58E-01	NA
152	371099	3757595	Commercial	2.60E-01	NA	2.22E-02	6.92E-06	2.20E-02	7.86E-07	3.46E-01	2.66E-05	1.29E-02	NA	5.98E-02	NA	4.13E-02	7.11E-06	8.73E-01	NA
153	371135	3757663	Commercial	2.54E-01	NA	2.18E-02	6.81E-06	2.11E-02	7.54E-07	3.22E-01	2.47E-05	1.20E-02	NA	5.68E-02	NA	3.93E-02	6.78E-06	8.16E-01	NA
168	371995	3757843	Commercial	1.57E-01	NA	1.30E-02	4.05E-06	1.39E-02	4.95E-07	2.37E-01	1.83E-05	8.84E-03	NA	3.89E-02	NA	2.68E-02	4.62E-06	5.90E-01	NA
169	371969	3757867	Commercial	1.61E-01	NA	1.33E-02	4.16E-06	1.41E-02	5.03E-07	2.39E-01	1.83E-05	8.89E-03	NA	3.91E-02	NA	2.67E-02	4.61E-06	5.92E-01	NA
170	372023	3757868	Commercial	1.56E-01	NA	1.29E-02	4.03E-06	1.37E-02	4.90E-07	2.34E-01	1.80E-05	8.71E-03	NA	3.84E-02	NA	2.64E-02	4.54E-06	5.81E-01	NA
171	372048	3757843	Commercial	1.52E-01	NA	1.25E-02	3.91E-06	1.35E-02	4.81E-07	2.32E-01	1.79E-05	8.65E-03	NA	3.82E-02	NA	2.64E-02	4.55E-06	5.79E-01	NA
172	372047	3757746	Commercial	1.45E-01	NA	1.18E-02	3.69E-06	1.31E-02	4.68E-07	2.33E-01	1.80E-05	8.67E-03	NA	3.84E-02	NA	2.70E-02	4.65E-06	5.85E-01	NA
173	372046	3757649	Commercial	1.37E-01	NA	1.10E-02	3.44E-06	1.26E-02	4.49E-07	2.31E-01	1.78E-05	8.56E-03	NA	3.80E-02	NA	2.71E-02	4.68E-06	5.82E-01	NA
174	372045	3757551	Commercial	1.36E-01	NA	1.09E-02	3.42E-06	1.24E-02	4.42E-07	2.25E-01	1.73E-05	8.32E-03	NA	3.76E-02	NA	2.69E-02	4.64E-06	5.69E-01	NA
175	372041	3757448	Commercial	1.45E-01	NA	1.20E-02	3.74E-06	1.27E-02	4.53E-07	2.15E-01	1.66E-05	7.95E-03	NA	3.71E-02	NA	2.65E-02	4.56E-06	5.49E-01	NA
176	372036	3757345	Commercial	1.51E-01	NA	1.29E-02	4.02E-06	1.28E-02	4.57E-07	2.03E-01	1.56E-05	7.47E-03	NA	3.67E-02	NA	2.65E-02	4.57E-06	5.25E-01	NA
177	372032	3757242	Commercial	1.59E-01	NA	1.35E-02	4.23E-06	1.33E-02	4.76E-07	2.07E-01	1.59E-05	7.80E-03	NA	3.74E-02	NA	2.67E-02	4.61E-06	5.34E-01	NA
178	372027	3757139	Commercial	1.66E-01	NA	1.40E-02	4.38E-06	1.41E-02	5.04E-07	2.26E-01	1.74E-05	8.50E-03	NA	3.85E-02	NA	2.67E-02	4.59E-06	5.68E-01	NA
179	372003	3757115	Commercial	1.68E-01	NA	1.42E-02	4.44E-06	1.44E-02	5.14E-07	2.32E-01	1.78E-05	8.72E-03	NA	3.90E-02	NA	2.68E-02	4.62E-06	5.79E-01	NA
180	371881	3757114	Commercial	1.76E-01	NA	1.49E-02	4.64E-06	1.50E-02	5.37E-07	2.41E-01	1.86E-05	9.08E-03	NA	4.07E-02	NA	2.78E-02	4.80E-06	6.03E-01	NA
181	371758	3757113	Commercial	1.84E-01	NA	1.56E-02	4.86E-06	1.57E-02	5.61E-07	2.52E-01	1.94E-05	9.47E-03	NA	4.25E-02	NA	2.90E-02	5.00E-06	6.28E-01	NA
182	371636	3757112	Commercial	1.93E-01	NA	1.63E-02	5.10E-06	1.64E-02	5.87E-07	2.62E-01	2.02E-05	9.88E-03	NA	4.45E-02	NA	3.04E-02	5.24E-06	6.56E-01	NA
183	371514	3757111	Commercial	2.03E-01	NA	1.72E-02	5.37E-06	1.72E-02	6.16E-07	2.74E-01	2.11E-05	1.03E-02	NA	4.67E-02	NA	3.20E-02	5.53E-06	6.87E-01	NA
184	371394	3757110	Commercial	2.15E-01	NA	1.81E-02	5.67E-06	1.85E-02	6.59E-07	3.01E-01	2.31E-05	1.10E-02	NA	5.01E-02	NA	3.40E-02	5.86E-06	7.47E-01	NA
185	371275	3757110	Commercial	2.31E-01	NA	1.92E-02	6.00E-06	2.01E-02	7.18E-07	3.40E-01	2.61E-05	1.24E-02	NA	5.46E-02	NA	3.64E-02	6.27E-06	8.31E-01	NA
186	371155	3757109	Commercial	2.48E-01	NA	2.03E-02	6.36E-06	2.20E-02	7.87E-07	3.85E-01	2.96E-05	1.41E-02	NA	5.99E-02	NA	3.93E-02	6.77E-06	9.32E-01	NA
187	371035	3757108	Commercial	2.67E-01	NA	2.16E-02	6.75E-06	2.42E-02	8.66E-07	4.38E-01	3.37E-05	1.61E-02	NA	6.62E-02	NA	4.29E-02	7.40E-06	1.05E+00	NA
188	371060	3757133	Commercial	2.61E-01	NA	2.11E-02	6.58E-06	2.37E-02	8.48E-07	4.31E-01	3.31E-05	1.59E-02	NA	6.54E-02	NA	4.27E-02	7.37E-06	1.04E+00	NA
189	371059	3757085	Commercial	2.65E-01	NA	2.16E-02	6.74E-06	2.38E-02	8.49E-07	4.22E-01	3.25E-05	1.55E-02	NA	6.47E-02	NA	4.21E-02	7.26E-06	1.02E+00	NA
190	371034	3757060	Commercial	2.71E-01	NA	2.21E-02	6.90E-06	2.42E-02	8.64E-07	4.28E-01	3.29E-05	1.57E-02	NA	6.58E-02	NA	4.29E-02	7.40E-06	1.03E+00	NA
191	370944	3757061	Commercial	2.88E-01	NA	2.32E-02	7.24E-06	2.62E-02	9.34E-07	4.76E-01	3.66E-05	1.75E-02	NA	7.13E-02	NA	4.60E-02	7.94E-06	1.14E+00	NA
192	370854	3757061	Commercial	3.07E-01	NA	2.44E-02	7.62E-06	2.83E-02	1.01E-06	5.29E-01	4.07E-05	1.96E-02	NA	7.75E-02	NA	4.95E-02	8.54E-06	1.25E+00	NA
193	370764	3757062	Commercial	3.28E-01	NA	2.57E-02	8.03E-06	3.08E-02	1.10E-06	5.90E-01	4.54E-05	2.20E-02	NA	8.44E-02	NA	5.32E-02	9.16E-06	1.39E+00	NA
194	370789	3757086	Commercial	3.18E-01	NA	2.50E-02	7.80E-06	2.99E-02	1.07E-06	5.72E-01	4.40E-05	2.13E-02	NA	8.26E-02	NA	5.26E-02	9.07E-06	1.35E+00	NA
195	370786	3756996	Commercial	3.28E-01	NA	2.60E-02	8.14E-06	3.03E-02	1.08E-06	5.66E-01	4.36E-05	2.10E-02	NA	8.09E-02	NA	5.02E-02	8.65E-06	1.33E+00	NA
196	370782	3756907	Commercial	3.26E-01	NA	2.64E-02	8.24E-06	2.96E-02	1.06E-06	5.34E-01	4.11E-05	1.96E-02	NA	7.60E-02	NA	4.60E-02	7.93E-06	1.24E+00	NA
197	370779	3756817	Commercial	3.25E-01	NA	2.60E-02	8.14E-06	2.98E-02	1.06E-06	5.44E-01	4.18E-05	2.05E-02	NA	7.17E-02	NA	3.97E-02	6.84E-06	1.22E+00	NA
198	370755	3756843	Commercial	3.31E-01	NA	2.67E-02	8.33E-06	3.01E-02	1.08E-06	5.45E-01	4.19E-05	2.06E-02	NA	7.36E-02	NA	4.18E-02	7.20E-06	1.23E+00	NA
199	370847	3756839	Commercial	3.10E-01	NA	2.50E-02	7.82E-06	2.81E-02	1.01E-06	5.07E-01	3.90E-05	1.91E-02	NA	6.93E-02	NA	3.99E-02	6.88E-06	1.15E+00	NA
200	370940	3756836	Commercial	2.91E-01	NA	2.35E-02	7.35E-06	2.63E-02	9.41E-07	4.72E-01	3.63E-05	1.78E-02	NA	6.55E-02	NA	3.82E-02	6.59E-06	1.08E+00	NA
201	371032	3756832	Commercial	2.74E-01	NA	2.22E-02	6.93E-06	2.47E-02	8.83E-07	4.42E-01	3.40E-05	1.66E-02	NA	6.20E-02	NA	3.67E-02	6.32E-06	1.02E+00	NA
202	371056	3756809	Commercial	2.68E-01	NA	2.16E-02	6.77E-06	2.43E-02	8.69E-07	4.38E-01	3.37E-05	1.64E-02	NA	6.08E-02	NA	3.56E-02	6.13E-06	1.00E+00	NA
203	371058	3756782	Commercial	2.66E-01	NA	2.14E-02	6.68E-06	2.43E-02	8.66E-07	4.41E-01	3.39E-05	1.65E-02	NA	6.02E-02	NA	3.47E-02	5.99E-06	1.00E+00	NA
204	371034	3756805	Commercial	2.72E-01	NA	2.19E-02	6.85E-06	2.47E-02	8.83E-07	4.46E-01	3.43E-05	1.67E-02	NA	6.15E-02	NA	3.57E-02	6.16E-06	1.02E+00	NA
205	371146	3756803	Commercial	2.53E-01	NA	2.04E-02	6.39E-06	2.29E-02	8.18E-07	4.12E-01	3.17E-05	1.54E-02	NA	5.78E-02	NA	3.44E-02	5.93E-06	9.49E-01	NA
206	371259	3756800	Commercial	2.37E-01	NA	1.92E-02	6.01E-06	2.14E-02	7.64E-07	3.82E-01	2.94E-05	1.43E-02	NA	5.46E-02	NA	3.32E-02	5.72E-06	8.89E-01	NA
207	371371	3756798	Commercial	2.26E-01	NA	1.85E-02	5.77E-06	2.03E-02	7.25E-07	3.58E-01	2.75E-05	1.34E-02	NA	5.19E-02	NA	3.20E-02	5.52E-06	8.38E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
208	371484	3756795	Commercial	2.17E-01	NA	1.77E-02	5.55E-06	1.93E-02	6.90E-07	3.37E-01	2.60E-05	1.26E-02	NA	4.95E-02	NA	3.10E-02	5.35E-06	7.95E-01	NA
209	371595	3756793	Commercial	2.07E-01	NA	1.70E-02	5.30E-06	1.84E-02	6.57E-07	3.19E-01	2.45E-05	1.20E-02	NA	4.73E-02	NA	3.00E-02	5.18E-06	7.56E-01	NA
210	371706	3756791	Commercial	1.96E-01	NA	1.61E-02	5.04E-06	1.74E-02	6.22E-07	3.01E-01	2.32E-05	1.13E-02	NA	4.52E-02	NA	2.91E-02	5.02E-06	7.19E-01	NA
211	371818	3756788	Commercial	1.86E-01	NA	1.53E-02	4.77E-06	1.65E-02	5.89E-07	2.84E-01	2.19E-05	1.07E-02	NA	4.32E-02	NA	2.83E-02	4.88E-06	6.84E-01	NA
212	371932	3756786	Commercial	1.75E-01	NA	1.44E-02	4.51E-06	1.55E-02	5.55E-07	2.68E-01	2.06E-05	1.01E-02	NA	4.14E-02	NA	2.75E-02	4.73E-06	6.49E-01	NA
213	372046	3756783	Commercial	1.65E-01	NA	1.36E-02	4.25E-06	1.47E-02	5.24E-07	2.53E-01	1.94E-05	9.52E-03	NA	3.96E-02	NA	2.67E-02	4.60E-06	6.17E-01	NA
214	372161	3756780	Commercial	1.56E-01	NA	1.28E-02	4.01E-06	1.38E-02	4.94E-07	2.39E-01	1.84E-05	8.99E-03	NA	3.81E-02	NA	2.62E-02	4.52E-06	5.89E-01	NA
215	372275	3756778	Commercial	1.48E-01	NA	1.21E-02	3.79E-06	1.31E-02	4.67E-07	2.25E-01	1.73E-05	8.49E-03	NA	3.70E-02	NA	2.60E-02	4.49E-06	5.64E-01	NA
216	372385	3756776	Commercial	1.40E-01	NA	1.15E-02	3.59E-06	1.24E-02	4.43E-07	2.14E-01	1.64E-05	8.06E-03	NA	3.61E-02	NA	2.60E-02	4.48E-06	5.43E-01	NA
217	372494	3756773	Commercial	1.33E-01	NA	1.09E-02	3.41E-06	1.18E-02	4.20E-07	2.03E-01	1.56E-05	7.65E-03	NA	3.53E-02	NA	2.60E-02	4.49E-06	5.24E-01	NA
218	372604	3756771	Commercial	1.26E-01	NA	1.04E-02	3.24E-06	1.12E-02	3.99E-07	1.93E-01	1.48E-05	7.28E-03	NA	3.47E-02	NA	2.62E-02	4.51E-06	5.07E-01	NA
219	372714	3756768	Commercial	1.21E-01	NA	9.94E-03	3.11E-06	1.08E-02	3.84E-07	1.86E-01	1.43E-05	7.05E-03	NA	3.42E-02	NA	2.63E-02	4.54E-06	4.96E-01	NA
220	372738	3756742	Commercial	1.21E-01	NA	9.93E-03	3.10E-06	1.07E-02	3.84E-07	1.86E-01	1.43E-05	7.06E-03	NA	3.47E-02	NA	2.69E-02	4.64E-06	4.99E-01	NA
221	372733	3756647	Commercial	1.24E-01	NA	1.02E-02	3.17E-06	1.12E-02	3.98E-07	1.94E-01	1.50E-05	7.54E-03	NA	3.71E-02	NA	2.94E-02	5.07E-06	5.31E-01	NA
222	372820	3756574	Commercial	1.22E-01	NA	9.89E-03	3.09E-06	1.10E-02	3.94E-07	1.94E-01	1.50E-05	7.67E-03	NA	3.89E-02	NA	3.20E-02	5.51E-06	5.47E-01	NA
223	372844	3756548	Commercial	1.21E-01	NA	9.80E-03	3.06E-06	1.09E-02	3.91E-07	1.93E-01	1.49E-05	7.59E-03	NA	3.94E-02	NA	3.28E-02	5.66E-06	5.50E-01	NA
224	372839	3756454	Commercial	1.22E-01	NA	9.73E-03	3.04E-06	1.13E-02	4.02E-07	2.05E-01	1.58E-05	8.12E-03	NA	4.25E-02	NA	3.61E-02	6.22E-06	5.92E-01	NA
225	372821	3756363	Commercial	1.21E-01	NA	9.60E-03	3.00E-06	1.12E-02	4.00E-07	2.05E-01	1.58E-05	8.13E-03	NA	4.61E-02	NA	4.10E-02	7.07E-06	6.23E-01	NA
226	372796	3756343	Commercial	1.21E-01	NA	9.63E-03	3.01E-06	1.13E-02	4.02E-07	2.07E-01	1.59E-05	8.19E-03	NA	4.74E-02	NA	4.26E-02	7.34E-06	6.37E-01	NA
227	372731	3756328	Commercial	1.24E-01	NA	9.81E-03	3.06E-06	1.16E-02	4.14E-07	2.16E-01	1.66E-05	8.57E-03	NA	4.97E-02	NA	4.49E-02	7.74E-06	6.66E-01	NA
228	372707	3756352	Commercial	1.28E-01	NA	9.98E-03	3.12E-06	1.21E-02	4.31E-07	2.28E-01	1.75E-05	9.13E-03	NA	4.95E-02	NA	4.36E-02	7.52E-06	6.81E-01	NA
229	372928	3756344	Commercial	1.14E-01	NA	9.19E-03	2.87E-06	1.05E-02	3.73E-07	1.88E-01	1.44E-05	7.37E-03	NA	4.40E-02	NA	3.97E-02	6.85E-06	5.84E-01	NA
230	372952	3756319	Commercial	1.12E-01	NA	9.04E-03	2.83E-06	1.02E-02	3.66E-07	1.83E-01	1.41E-05	7.18E-03	NA	4.39E-02	NA	4.00E-02	6.89E-06	5.77E-01	NA
231	372951	3756245	Commercial	1.09E-01	NA	8.78E-03	2.74E-06	9.90E-03	3.53E-07	1.77E-01	1.36E-05	6.89E-03	NA	4.50E-02	NA	4.21E-02	7.25E-06	5.79E-01	NA
232	372927	3756270	Commercial	1.11E-01	NA	8.95E-03	2.80E-06	1.01E-02	3.62E-07	1.81E-01	1.40E-05	7.09E-03	NA	4.50E-02	NA	4.16E-02	7.18E-06	5.84E-01	NA
233	373033	3756268	Commercial	1.07E-01	NA	8.64E-03	2.70E-06	9.68E-03	3.46E-07	1.72E-01	1.32E-05	6.71E-03	NA	4.26E-02	NA	3.93E-02	6.78E-06	5.53E-01	NA
234	373139	3756266	Commercial	1.03E-01	NA	8.34E-03	2.61E-06	9.28E-03	3.32E-07	1.64E-01	1.26E-05	6.38E-03	NA	4.07E-02	NA	3.75E-02	6.47E-06	5.27E-01	NA
235	373245	3756264	Commercial	9.91E-02	NA	8.06E-03	2.52E-06	8.92E-03	3.19E-07	1.57E-01	1.21E-05	6.09E-03	NA	3.90E-02	NA	3.59E-02	6.19E-06	5.04E-01	NA
236	373351	3756262	Commercial	9.57E-02	NA	7.80E-03	2.44E-06	8.59E-03	3.07E-07	1.50E-01	1.16E-05	5.83E-03	NA	3.74E-02	NA	3.45E-02	5.94E-06	4.84E-01	NA
237	373457	3756261	Commercial	9.25E-02	NA	7.55E-03	2.36E-06	8.29E-03	2.96E-07	1.45E-01	1.11E-05	5.60E-03	NA	3.60E-02	NA	3.31E-02	5.71E-06	4.65E-01	NA
238	373482	3756235	Commercial	9.10E-02	NA	7.42E-03	2.32E-06	8.16E-03	2.92E-07	1.43E-01	1.10E-05	5.53E-03	NA	3.60E-02	NA	3.33E-02	5.75E-06	4.63E-01	NA
239	373480	3756123	Commercial	8.70E-02	NA	7.06E-03	2.21E-06	7.84E-03	2.80E-07	1.38E-01	1.06E-05	5.37E-03	NA	3.68E-02	NA	3.50E-02	6.03E-06	4.65E-01	NA
240	373479	3756010	Commercial	8.18E-02	NA	6.61E-03	2.07E-06	7.43E-03	2.65E-07	1.32E-01	1.02E-05	5.15E-03	NA	3.66E-02	NA	3.53E-02	6.09E-06	4.57E-01	NA
241	373477	3755897	Commercial	7.60E-02	NA	6.10E-03	1.91E-06	6.95E-03	2.48E-07	1.26E-01	9.65E-06	4.90E-03	NA	3.52E-02	NA	3.43E-02	5.91E-06	4.39E-01	NA
242	373476	3755785	Commercial	6.97E-02	NA	5.55E-03	1.73E-06	6.44E-03	2.30E-07	1.18E-01	9.08E-06	4.63E-03	NA	3.57E-02	NA	3.58E-02	6.17E-06	4.35E-01	NA
243	373474	3755672	Commercial	6.31E-02	NA	4.98E-03	1.56E-06	5.90E-03	2.11E-07	1.10E-01	8.45E-06	4.34E-03	NA	3.52E-02	NA	3.60E-02	6.21E-06	4.22E-01	NA
244	373473	3755559	Commercial	5.64E-02	NA	4.40E-03	1.38E-06	5.34E-03	1.91E-07	1.01E-01	7.79E-06	4.03E-03	NA	3.37E-02	NA	3.49E-02	6.02E-06	4.00E-01	NA
245	373447	3755535	Commercial	5.52E-02	NA	4.29E-03	1.34E-06	5.24E-03	1.87E-07	1.00E-01	7.69E-06	3.99E-03	NA	3.35E-02	NA	3.48E-02	6.01E-06	3.97E-01	NA
246	373334	3755539	Commercial	5.64E-02	NA	4.38E-03	1.37E-06	5.39E-03	1.92E-07	1.03E-01	7.95E-06	4.13E-03	NA	3.48E-02	NA	3.63E-02	6.25E-06	4.12E-01	NA
247	373221	3755544	Commercial	5.77E-02	NA	4.46E-03	1.39E-06	5.54E-03	1.98E-07	1.07E-01	8.23E-06	4.28E-03	NA	3.61E-02	NA	3.78E-02	6.51E-06	4.28E-01	NA
248	373197	3755568	Commercial	5.95E-02	NA	4.61E-03	1.44E-06	5.70E-03	2.04E-07	1.10E-01	8.44E-06	4.38E-03	NA	3.71E-02	NA	3.87E-02	6.68E-06	4.39E-01	NA
249	373196	3755636	Commercial	6.41E-02	NA	5.01E-03	1.56E-06	6.08E-03	2.17E-07	1.15E-01	8.88E-06	4.58E-03	NA	3.86E-02	NA	4.02E-02	6.94E-06	4.58E-01	NA
250	373194	3755705	Commercial	6.87E-02	NA	5.40E-03	1.69E-06	6.45E-03	2.30E-07	1.21E-01	9.29E-06	4.77E-03	NA	3.98E-02	NA	4.12E-02	7.10E-06	4.74E-01	NA
251	373220	3755680	Commercial	6.67E-02	NA	5.24E-03	1.64E-06	6.28E-03	2.24E-07	1.18E-01	9.08E-06	4.67E-03	NA	3.90E-02	NA	4.04E-02	6.97E-06	4.64E-01	NA
252	373135	3755679	Commercial	6.77E-02	NA	5.30E-03	1.66E-06	6.39E-03	2.28E-07	1.21E-01	9.29E-06	4.78E-03	NA	4.04E-02	NA	4.21E-02	7.25E-06	4.79E-01	NA
253	373160	3755704	Commercial	6.91E-02	NA	5.43E-03	1.70E-06	6.49E-03	2.32E-07	1.22E-01	9.38E-06	4.82E-03	NA	4.04E-02	NA	4.19E-02	7.22E-06	4.80E-01	NA
254	373158	3755635	Commercial	6.45E-02	NA	5.02E-03	1.57E-06	6.12E-03	2.18E-07	1.16E-01	8.96E-06	4.63E-03	NA	3.92E-02	NA	4.09E-02	7.04E-06	4.64E-01	NA
255	373156	3755566	Commercial	5.98E-02	NA	4.62E-03	1.44E-06	5.74E-03	2.05E-07	1.11E-01	8.52E-06	4.43E-03	NA	3.75E-02	NA	3.92E-02	6.76E-06	4.44E-01	NA
256	373132	3755542	Commercial	5.84E-02	NA	4.49E-03	1.40E-06	5.63E-03	2.01E-07	1.09E-01	8.42E-06	4.39E-03	NA	3.71E-02	NA	3.88E-02	6.70E-06	4.39E-01	NA
257	373055	3755538	Commercial	5.88E-02	NA	4.50E-03	1.41E-06	5.70E-03	2.04E-07	1.12E-01	8.59E-06	4.49E-03	NA	3.78E-02	NA	3.97E-02	6.84E-06	4.48E-01	NA
258	373079	3755562	Commercial	6.03E-02	NA	4.64E-03	1.45E-06	5.81E-03	2.08E-07	1.13E-01	8.69E-06	4.52E-03	NA	3.84E-02	NA	4.02E-02	6.93E-06	4.54E-01	NA
259	373077	3755465	Commercial	5.37E-02	NA	4.07E-03	1.27E-06	5.26E-03	1.88E-07	1.04E-01	8.03E-06	4.22E-03	NA	3.59E-02	NA	3.79E-02	6.53E-06	4.24E-01	NA
260	373075	3755368	Commercial	4.91E-02	NA	3.73E-03	1.16E-06	4.81E-03	1.72E-07	9.51E-02	7.32E-06	3.87E-03	NA	3.49E-02	NA	3.75E-02	6.46E-06	4.05E-01	NA
261	373073	3755271	Commercial	4.94E-02	NA	3.89E-03	1.22E-06	4.62E-03	1.65E-07	8.55E-02	6.58E-06	3.50E-03	NA	3.36E-02	NA	3.64E-02	6.27E-06	3.81E-01	NA
262	373071	3755174	Commercial	4.95E-02	NA	4.03E-03	1.26E-06	4.46E-03	1.59E-07	7.81E-02	6.01E-06	3.09E-03	NA	3.21E-02	NA	3.50E-02	6.03E-06	3.58E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
263	373046	3755149	Commercial	5.05E-02	NA	4.10E-03	1.28E-06	4.55E-03	1.62E-07	7.99E-02	6.15E-06	3.12E-03	NA	3.21E-02	NA	3.47E-02	5.98E-06	3.60E-01	NA
264	372939	3755150	Commercial	5.31E-02	NA	4.30E-03	1.34E-06	4.80E-03	1.71E-07	8.48E-02	6.52E-06	3.31E-03	NA	3.29E-02	NA	3.53E-02	6.08E-06	3.72E-01	NA
265	372832	3755151	Commercial	5.58E-02	NA	4.51E-03	1.41E-06	5.06E-03	1.81E-07	9.00E-02	6.93E-06	3.52E-03	NA	3.36E-02	NA	3.58E-02	6.17E-06	3.84E-01	NA
266	372725	3755152	Commercial	5.86E-02	NA	4.71E-03	1.47E-06	5.34E-03	1.91E-07	9.58E-02	7.37E-06	3.76E-03	NA	3.44E-02	NA	3.62E-02	6.25E-06	3.98E-01	NA
267	372623	3755157	Commercial	6.13E-02	NA	4.92E-03	1.54E-06	5.63E-03	2.01E-07	1.02E-01	7.82E-06	4.00E-03	NA	3.52E-02	NA	3.67E-02	6.34E-06	4.11E-01	NA
268	372527	3755158	Commercial	6.41E-02	NA	5.11E-03	1.60E-06	5.91E-03	2.11E-07	1.08E-01	8.30E-06	4.25E-03	NA	3.59E-02	NA	3.71E-02	6.40E-06	4.25E-01	NA
269	372431	3755159	Commercial	6.69E-02	NA	5.30E-03	1.66E-06	6.23E-03	2.22E-07	1.15E-01	8.84E-06	4.55E-03	NA	3.66E-02	NA	3.74E-02	6.45E-06	4.40E-01	NA
270	372334	3755160	Commercial	7.00E-02	NA	5.50E-03	1.72E-06	6.57E-03	2.35E-07	1.23E-01	9.47E-06	4.90E-03	NA	3.74E-02	NA	3.77E-02	6.50E-06	4.56E-01	NA
271	372237	3755161	Commercial	7.32E-02	NA	5.69E-03	1.78E-06	6.96E-03	2.49E-07	1.33E-01	1.02E-05	5.32E-03	NA	3.83E-02	NA	3.80E-02	6.54E-06	4.75E-01	NA
272	372139	3755161	Commercial	7.68E-02	NA	5.89E-03	1.84E-06	7.43E-03	2.65E-07	1.45E-01	1.11E-05	5.85E-03	NA	3.92E-02	NA	3.82E-02	6.58E-06	4.98E-01	NA
273	372040	3755162	Commercial	8.09E-02	NA	6.08E-03	1.90E-06	8.00E-03	2.86E-07	1.60E-01	1.23E-05	6.55E-03	NA	4.03E-02	NA	3.83E-02	6.61E-06	5.28E-01	NA
274	371941	3755163	Commercial	8.57E-02	NA	6.27E-03	1.96E-06	8.73E-03	3.12E-07	1.81E-01	1.39E-05	7.51E-03	NA	4.17E-02	NA	3.84E-02	6.62E-06	5.66E-01	NA
275	371843	3755164	Commercial	9.17E-02	NA	6.46E-03	2.02E-06	9.71E-03	3.47E-07	2.11E-01	1.62E-05	8.85E-03	NA	4.35E-02	NA	3.84E-02	6.63E-06	6.20E-01	NA
276	371748	3755165	Commercial	9.90E-02	NA	6.63E-03	2.07E-06	1.10E-02	3.92E-07	2.50E-01	1.92E-05	1.07E-02	NA	4.59E-02	NA	3.84E-02	6.63E-06	6.92E-01	NA
277	371653	3755165	Commercial	1.07E-01	NA	6.80E-03	2.12E-06	1.25E-02	4.46E-07	2.97E-01	2.28E-05	1.28E-02	NA	4.87E-02	NA	3.84E-02	6.61E-06	7.77E-01	NA
278	371558	3755166	Commercial	1.54E-01	NA	6.96E-03	2.17E-06	2.19E-02	7.83E-07	6.05E-01	4.66E-05	2.76E-02	NA	6.71E-02	NA	3.87E-02	6.68E-06	1.35E+00	NA
279	371463	3755167	Commercial	1.66E-01	NA	7.11E-03	2.22E-06	2.42E-02	8.64E-07	6.81E-01	5.24E-05	3.07E-02	NA	7.22E-02	NA	3.95E-02	6.82E-06	1.49E+00	NA
280	371359	3755168	Commercial	1.90E-01	NA	7.26E-03	2.27E-06	2.91E-02	1.04E-06	8.43E-01	6.48E-05	3.80E-02	NA	8.24E-02	NA	4.04E-02	6.96E-06	1.79E+00	NA
281	371256	3755169	Commercial	1.58E-01	NA	7.38E-03	2.31E-06	2.22E-02	7.93E-07	6.06E-01	4.66E-05	2.77E-02	NA	6.91E-02	NA	4.11E-02	7.09E-06	1.36E+00	NA
282	371152	3755170	Commercial	1.24E-01	NA	7.48E-03	2.34E-06	1.49E-02	5.32E-07	3.59E-01	2.76E-05	1.65E-02	NA	5.53E-02	NA	4.19E-02	7.22E-06	9.14E-01	NA
283	371049	3755171	Commercial	1.13E-01	NA	7.54E-03	2.36E-06	1.26E-02	4.52E-07	2.82E-01	2.17E-05	1.31E-02	NA	5.13E-02	NA	4.26E-02	7.34E-06	7.78E-01	NA
284	371024	3755197	Commercial	1.14E-01	NA	7.74E-03	2.42E-06	1.25E-02	4.47E-07	2.74E-01	2.11E-05	1.27E-02	NA	5.15E-02	NA	4.34E-02	7.48E-06	7.68E-01	NA
285	371028	3755273	Commercial	1.24E-01	NA	8.27E-03	2.58E-06	1.38E-02	4.93E-07	3.08E-01	2.37E-05	1.43E-02	NA	5.50E-02	NA	4.52E-02	7.79E-06	8.41E-01	NA
286	371031	3755350	Commercial	1.29E-01	NA	8.75E-03	2.73E-06	1.41E-02	5.04E-07	3.09E-01	2.38E-05	1.43E-02	NA	5.68E-02	NA	4.73E-02	8.15E-06	8.55E-01	NA
287	371020	3755376	Commercial	1.28E-01	NA	8.93E-03	2.79E-06	1.38E-02	4.92E-07	2.94E-01	2.26E-05	1.36E-02	NA	5.67E-02	NA	4.81E-02	8.30E-06	8.34E-01	NA
288	371018	3755470	Commercial	1.30E-01	NA	9.44E-03	2.95E-06	1.34E-02	4.80E-07	2.74E-01	2.11E-05	1.26E-02	NA	6.08E-02	NA	5.50E-02	9.48E-06	8.39E-01	NA
289	371017	3755556	Commercial	1.29E-01	NA	9.80E-03	3.06E-06	1.26E-02	4.50E-07	2.39E-01	1.84E-05	1.11E-02	NA	6.50E-02	NA	6.31E-02	1.09E-05	8.26E-01	NA
290	371040	3755532	Commercial	1.31E-01	NA	9.62E-03	3.01E-06	1.33E-02	4.76E-07	2.67E-01	2.06E-05	1.23E-02	NA	6.45E-02	NA	6.04E-02	1.04E-05	8.61E-01	NA
291	371026	3755420	Commercial	1.28E-01	NA	9.16E-03	2.86E-06	1.33E-02	4.76E-07	2.75E-01	2.12E-05	1.27E-02	NA	5.80E-02	NA	5.12E-02	8.83E-06	8.18E-01	NA
292	371016	3755399	Commercial	1.28E-01	NA	9.07E-03	2.84E-06	1.35E-02	4.81E-07	2.82E-01	2.17E-05	1.30E-02	NA	5.72E-02	NA	4.98E-02	8.58E-06	8.21E-01	NA
293	370916	3755327	Commercial	1.17E-01	NA	8.79E-03	2.75E-06	1.17E-02	4.16E-07	2.27E-01	1.74E-05	1.05E-02	NA	5.23E-02	NA	4.76E-02	8.21E-06	7.06E-01	NA
294	370816	3755255	Commercial	1.07E-01	NA	8.26E-03	2.58E-06	1.03E-02	3.67E-07	1.96E-01	1.51E-05	8.24E-03	NA	4.93E-02	NA	4.63E-02	7.98E-06	6.42E-01	NA
385	370885	3757751	Commercial	2.76E-01	NA	2.42E-02	7.57E-06	2.24E-02	7.98E-07	3.20E-01	2.46E-05	1.16E-02	NA	6.08E-02	NA	4.35E-02	7.50E-06	8.37E-01	NA
386	370907	3757702	Commercial	2.81E-01	NA	2.46E-02	7.69E-06	2.27E-02	8.11E-07	3.25E-01	2.50E-05	1.18E-02	NA	6.19E-02	NA	4.44E-02	7.65E-06	8.51E-01	NA
387	370945	3757670	Commercial	2.79E-01	NA	2.44E-02	7.62E-06	2.26E-02	8.07E-07	3.24E-01	2.50E-05	1.19E-02	NA	6.16E-02	NA	4.42E-02	7.61E-06	8.49E-01	NA
388	371046	3757668	Commercial	2.65E-01	NA	2.30E-02	7.20E-06	2.17E-02	7.75E-07	3.18E-01	2.44E-05	1.19E-02	NA	5.88E-02	NA	4.16E-02	7.17E-06	8.22E-01	NA
389	371046	3757585	Commercial	2.69E-01	NA	2.30E-02	7.18E-06	2.26E-02	8.08E-07	3.51E-01	2.70E-05	1.31E-02	NA	6.14E-02	NA	4.25E-02	7.34E-06	8.89E-01	NA
390	371122	3757584	Commercial	2.57E-01	NA	2.17E-02	6.80E-06	2.19E-02	7.81E-07	3.50E-01	2.69E-05	1.31E-02	NA	5.97E-02	NA	4.11E-02	7.09E-06	8.78E-01	NA
399	371970	3757842	Commercial	1.59E-01	NA	1.32E-02	4.11E-06	1.40E-02	5.01E-07	2.40E-01	1.84E-05	8.93E-03	NA	3.93E-02	NA	2.70E-02	4.65E-06	5.96E-01	NA
400	372023	3757843	Commercial	1.54E-01	NA	1.27E-02	3.98E-06	1.36E-02	4.87E-07	2.35E-01	1.81E-05	8.74E-03	NA	3.85E-02	NA	2.66E-02	4.58E-06	5.84E-01	NA
401	372020	3757552	Commercial	1.37E-01	NA	1.10E-02	3.43E-06	1.25E-02	4.46E-07	2.29E-01	1.76E-05	8.47E-03	NA	3.80E-02	NA	2.72E-02	4.69E-06	5.78E-01	NA
402	372002	3757140	Commercial	1.67E-01	NA	1.41E-02	4.41E-06	1.42E-02	5.09E-07	2.28E-01	1.75E-05	8.56E-03	NA	3.88E-02	NA	2.69E-02	4.63E-06	5.72E-01	NA
403	371514	3757136	Commercial	2.01E-01	NA	1.71E-02	5.33E-06	1.71E-02	6.11E-07	2.74E-01	2.11E-05	1.01E-02	NA	4.69E-02	NA	3.23E-02	5.58E-06	6.88E-01	NA
404	371035	3757133	Commercial	2.65E-01	NA	2.13E-02	6.66E-06	2.42E-02	8.64E-07	4.42E-01	3.40E-05	1.63E-02	NA	6.68E-02	NA	4.36E-02	7.51E-06	1.06E+00	NA
405	371034	3757085	Commercial	2.69E-01	NA	2.18E-02	6.83E-06	2.43E-02	8.66E-07	4.34E-01	3.34E-05	1.59E-02	NA	6.61E-02	NA	4.29E-02	7.40E-06	1.04E+00	NA
406	370764	3757087	Commercial	3.24E-01	NA	2.53E-02	7.91E-06	3.06E-02	1.09E-06	5.89E-01	4.53E-05	2.20E-02	NA	8.45E-02	NA	5.37E-02	9.25E-06	1.39E+00	NA
407	370754	3756818	Commercial	3.31E-01	NA	2.65E-02	8.28E-06	3.03E-02	1.08E-06	5.54E-01	4.26E-05	2.09E-02	NA	7.28E-02	NA	4.01E-02	6.91E-06	1.24E+00	NA
408	371031	3756807	Commercial	2.72E-01	NA	2.20E-02	6.87E-06	2.48E-02	8.84E-07	4.47E-01	3.44E-05	1.67E-02	NA	6.16E-02	NA	3.58E-02	6.18E-06	1.02E+00	NA
409	371033	3756780	Commercial	2.70E-01	NA	2.17E-02	6.78E-06	2.47E-02	8.81E-07	4.50E-01	3.46E-05	1.68E-02	NA	6.10E-02	NA	3.49E-02	6.02E-06	1.02E+00	NA
410	371483	3756770	Commercial	2.17E-01	NA	1.78E-02	5.55E-06	1.94E-02	6.93E-07	3.40E-01	2.61E-05	1.27E-02	NA	4.94E-02	NA	3.08E-02	5.32E-06	7.98E-01	NA
411	371817	3756763	Commercial	1.85E-01	NA	1.52E-02	4.75E-06	1.64E-02	5.87E-07	2.85E-01	2.19E-05	1.07E-02	NA	4.32E-02	NA	2.83E-02	4.88E-06	6.85E-01	NA
412	372274	3756753	Commercial	1.46E-01	NA	1.20E-02	3.75E-06	1.30E-02	4.63E-07	2.24E-01	1.73E-05	8.45E-03	NA	3.72E-02	NA	2.64E-02	4.55E-06	5.65E-01	NA
413	372713	3756743	Commercial	1.22E-01	NA	1.00E-02	3.13E-06	1.08E-02	3.86E-07	1.86E-01	1.43E-05	7.08E-03	NA	3.47E-02	NA	2.68E-02	4.63E-06	5.00E-01	NA
414	372703	3756553	Commercial	1.30E-01	NA	1.03E-02	3.23E-06	1.21E-02	4.31E-07	2.21E-01	1.70E-05	8.89E-03	NA	4.12E-02	NA	3.27E-02	5.64E-06	6.01E-01	NA
415	372819	3756549	Commercial	1.22E-01	NA	9.89E-03	3.09E-06	1.11E-02	3.96E-07	1.97E-01	1.51E-05	7.75E-03	NA	3.97E-02	NA	3.29E-02	5.67E-06	5.57E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
416	372814	3756455	Commercial	1.24E-01	NA	9.83E-03	3.07E-06	1.15E-02	4.09E-07	2.10E-01	1.62E-05	8.35E-03	NA	4.31E-02	NA	3.64E-02	6.28E-06	6.04E-01	NA
417	372797	3756368	Commercial	1.22E-01	NA	9.70E-03	3.03E-06	1.14E-02	4.07E-07	2.10E-01	1.62E-05	8.36E-03	NA	4.66E-02	NA	4.11E-02	7.09E-06	6.34E-01	NA
418	372705	3756372	Commercial	1.29E-01	NA	1.00E-02	3.14E-06	1.23E-02	4.40E-07	2.35E-01	1.81E-05	9.45E-03	NA	4.88E-02	NA	4.21E-02	7.26E-06	6.84E-01	NA
419	372706	3756327	Commercial	1.26E-01	NA	9.89E-03	3.09E-06	1.18E-02	4.21E-07	2.20E-01	1.69E-05	8.75E-03	NA	5.05E-02	NA	4.55E-02	7.85E-06	6.78E-01	NA
420	372927	3756319	Commercial	1.13E-01	NA	9.12E-03	2.85E-06	1.04E-02	3.70E-07	1.86E-01	1.43E-05	7.30E-03	NA	4.45E-02	NA	4.05E-02	6.99E-06	5.86E-01	NA
421	372926	3756245	Commercial	1.10E-01	NA	8.86E-03	2.77E-06	1.00E-02	3.57E-07	1.79E-01	1.38E-05	6.97E-03	NA	4.55E-02	NA	4.26E-02	7.35E-06	5.86E-01	NA
422	373457	3756236	Commercial	9.17E-02	NA	7.48E-03	2.34E-06	8.23E-03	2.94E-07	1.44E-01	1.11E-05	5.58E-03	NA	3.63E-02	NA	3.37E-02	5.80E-06	4.67E-01	NA
423	373448	3755560	Commercial	5.66E-02	NA	4.42E-03	1.38E-06	5.37E-03	1.92E-07	1.02E-01	7.84E-06	4.06E-03	NA	3.39E-02	NA	3.52E-02	6.08E-06	4.03E-01	NA
424	373222	3755569	Commercial	5.93E-02	NA	4.60E-03	1.44E-06	5.67E-03	2.03E-07	1.09E-01	8.38E-06	4.35E-03	NA	3.68E-02	NA	3.84E-02	6.62E-06	4.35E-01	NA
425	373219	3755705	Commercial	6.84E-02	NA	5.38E-03	1.68E-06	6.41E-03	2.29E-07	1.20E-01	9.23E-06	4.74E-03	NA	3.94E-02	NA	4.07E-02	7.01E-06	4.69E-01	NA
426	373135	3755704	Commercial	6.95E-02	NA	5.46E-03	1.70E-06	6.53E-03	2.33E-07	1.23E-01	9.44E-06	4.85E-03	NA	4.09E-02	NA	4.24E-02	7.31E-06	4.85E-01	NA
427	373131	3755567	Commercial	6.01E-02	NA	4.64E-03	1.45E-06	5.77E-03	2.06E-07	1.12E-01	8.59E-06	4.46E-03	NA	3.78E-02	NA	3.96E-02	6.83E-06	4.48E-01	NA
428	373054	3755563	Commercial	6.06E-02	NA	4.66E-03	1.46E-06	5.85E-03	2.09E-07	1.14E-01	8.76E-06	4.56E-03	NA	3.87E-02	NA	4.05E-02	6.99E-06	4.58E-01	NA
429	373046	3755174	Commercial	5.01E-02	NA	4.07E-03	1.27E-06	4.52E-03	1.61E-07	7.91E-02	6.09E-06	3.12E-03	NA	3.23E-02	NA	3.51E-02	6.05E-06	3.61E-01	NA
430	372725	3755177	Commercial	5.83E-02	NA	4.70E-03	1.47E-06	5.31E-03	1.90E-07	9.50E-02	7.31E-06	3.72E-03	NA	3.47E-02	NA	3.68E-02	6.34E-06	3.99E-01	NA
431	372624	3755182	Commercial	6.11E-02	NA	4.90E-03	1.53E-06	5.59E-03	2.00E-07	1.01E-01	7.76E-06	3.96E-03	NA	3.56E-02	NA	3.73E-02	6.43E-06	4.13E-01	NA
432	372238	3755186	Commercial	7.32E-02	NA	5.71E-03	1.78E-06	6.94E-03	2.48E-07	1.32E-01	1.01E-05	5.27E-03	NA	3.87E-02	NA	3.87E-02	6.67E-06	4.78E-01	NA
433	371843	3755189	Commercial	9.25E-02	NA	6.50E-03	2.03E-06	9.82E-03	3.51E-07	2.14E-01	1.64E-05	8.98E-03	NA	4.44E-02	NA	3.94E-02	6.79E-06	6.31E-01	NA
434	371463	3755192	Commercial	1.89E-01	NA	7.21E-03	2.25E-06	2.89E-02	1.03E-06	8.40E-01	6.46E-05	3.76E-02	NA	8.19E-02	NA	3.99E-02	6.89E-06	1.78E+00	NA
435	371049	3755196	Commercial	1.17E-01	NA	7.72E-03	2.41E-06	1.31E-02	4.68E-07	2.95E-01	2.27E-05	1.36E-02	NA	5.25E-02	NA	4.32E-02	7.44E-06	8.04E-01	NA
436	371056	3755349	Commercial	1.32E-01	NA	8.69E-03	2.72E-06	1.49E-02	5.32E-07	3.36E-01	2.59E-05	1.55E-02	NA	5.82E-02	NA	4.70E-02	8.10E-06	9.04E-01	NA
437	371043	3755384	Commercial	1.31E-01	NA	8.92E-03	2.79E-06	1.44E-02	5.13E-07	3.14E-01	2.42E-05	1.45E-02	NA	5.83E-02	NA	4.88E-02	8.41E-06	8.74E-01	NA
438	371042	3755556	Commercial	1.29E-01	NA	9.69E-03	3.03E-06	1.28E-02	4.58E-07	2.48E-01	1.91E-05	1.15E-02	NA	6.53E-02	NA	6.29E-02	1.09E-05	8.41E-01	NA
439	370996	3755560	Commercial	1.28E-01	NA	9.91E-03	3.10E-06	1.23E-02	4.41E-07	2.28E-01	1.75E-05	1.06E-02	NA	6.48E-02	NA	6.37E-02	1.10E-05	8.09E-01	NA
440	371001	3755419	Commercial	1.26E-01	NA	9.23E-03	2.88E-06	1.29E-02	4.59E-07	2.58E-01	1.99E-05	1.19E-02	NA	5.70E-02	NA	5.12E-02	8.82E-06	7.87E-01	NA
441	370801	3755276	Commercial	1.09E-01	NA	8.45E-03	2.64E-06	1.04E-02	3.71E-07	2.00E-01	1.54E-05	7.92E-03	NA	5.01E-02	NA	4.70E-02	8.10E-06	6.52E-01	NA
1	372249	3757612	Residence	1.23E-01	NA	9.98E-03	3.12E-06	1.12E-02	3.99E-07	2.01E-01	1.55E-05	7.45E-03	NA	3.45E-02	NA	2.52E-02	4.35E-06	5.16E-01	NA
2	372499	3757612	Residence	1.15E-01	NA	9.59E-03	3.00E-06	1.01E-02	3.60E-07	1.70E-01	1.30E-05	6.29E-03	NA	3.11E-02	NA	2.34E-02	4.03E-06	4.48E-01	NA
3	372249	3757862	Residence	1.35E-01	NA	1.11E-02	3.45E-06	1.21E-02	4.32E-07	2.13E-01	1.63E-05	7.91E-03	NA	3.52E-02	NA	2.48E-02	4.28E-06	5.34E-01	NA
4	372499	3757862	Residence	1.15E-01	NA	9.31E-03	2.91E-06	1.04E-02	3.72E-07	1.87E-01	1.44E-05	6.98E-03	NA	3.18E-02	NA	2.32E-02	4.01E-06	4.80E-01	NA
5	372249	3758112	Residence	1.46E-01	NA	1.23E-02	3.83E-06	1.26E-02	4.49E-07	2.05E-01	1.58E-05	7.69E-03	NA	3.43E-02	NA	2.34E-02	4.04E-06	5.11E-01	NA
6	372499	3758112	Residence	1.29E-01	NA	1.07E-02	3.35E-06	1.13E-02	4.03E-07	1.90E-01	1.46E-05	7.11E-03	NA	3.14E-02	NA	2.16E-02	3.72E-06	4.73E-01	NA
7	372249	3758362	Residence	1.44E-01	NA	1.24E-02	3.88E-06	1.20E-02	4.30E-07	1.83E-01	1.41E-05	6.93E-03	NA	3.28E-02	NA	2.30E-02	3.96E-06	4.68E-01	NA
8	372499	3758362	Residence	1.33E-01	NA	1.13E-02	3.53E-06	1.13E-02	4.03E-07	1.78E-01	1.37E-05	6.72E-03	NA	3.10E-02	NA	2.16E-02	3.72E-06	4.51E-01	NA
9	373793	3755335	Residence	4.20E-02	NA	3.26E-03	1.02E-06	4.02E-03	1.44E-07	7.72E-02	5.94E-06	3.09E-03	NA	2.68E-02	NA	2.82E-02	4.86E-06	3.15E-01	NA
10	374093	3755335	Residence	4.08E-02	NA	3.19E-03	9.96E-07	3.86E-03	1.38E-07	7.29E-02	5.61E-06	2.91E-03	NA	2.52E-02	NA	2.64E-02	4.55E-06	2.95E-01	NA
11	373793	3755710	Residence	6.14E-02	NA	4.89E-03	1.53E-06	5.68E-03	2.03E-07	1.04E-01	8.01E-06	4.09E-03	NA	3.14E-02	NA	3.14E-02	5.42E-06	3.83E-01	NA
12	374093	3755710	Residence	5.81E-02	NA	4.64E-03	1.45E-06	5.34E-03	1.91E-07	9.70E-02	7.46E-06	3.81E-03	NA	2.82E-02	NA	2.79E-02	4.81E-06	3.48E-01	NA
13	373793	3756085	Residence	7.85E-02	NA	6.38E-03	1.99E-06	7.07E-03	2.52E-07	1.24E-01	9.56E-06	4.83E-03	NA	3.27E-02	NA	3.08E-02	5.32E-06	4.14E-01	NA
14	374093	3756085	Residence	7.27E-02	NA	5.93E-03	1.85E-06	6.53E-03	2.33E-07	1.14E-01	8.78E-06	4.43E-03	NA	2.95E-02	NA	2.76E-02	4.75E-06	3.76E-01	NA
15	373793	3756460	Residence	8.67E-02	NA	7.17E-03	2.24E-06	7.64E-03	2.73E-07	1.29E-01	9.95E-06	4.99E-03	NA	2.96E-02	NA	2.59E-02	4.47E-06	3.93E-01	NA
16	374093	3756460	Residence	7.97E-02	NA	6.60E-03	2.06E-06	7.00E-03	2.50E-07	1.18E-01	9.07E-06	4.55E-03	NA	2.74E-02	NA	2.42E-02	4.17E-06	3.61E-01	NA
17	373793	3756835	Residence	8.47E-02	NA	6.94E-03	2.17E-06	7.56E-03	2.70E-07	1.31E-01	1.01E-05	5.03E-03	NA	2.75E-02	NA	2.30E-02	3.97E-06	3.78E-01	NA
18	374093	3756835	Residence	7.79E-02	NA	6.40E-03	2.00E-06	6.92E-03	2.47E-07	1.19E-01	9.14E-06	4.57E-03	NA	2.58E-02	NA	2.20E-02	3.79E-06	3.49E-01	NA
19	373793	3757210	Residence	9.28E-02	NA	7.76E-03	2.43E-06	8.04E-03	2.87E-07	1.32E-01	1.02E-05	5.03E-03	NA	2.56E-02	NA	2.01E-02	3.46E-06	3.61E-01	NA
20	374093	3757210	Residence	8.51E-02	NA	7.10E-03	2.22E-06	7.40E-03	2.64E-07	1.23E-01	9.44E-06	4.67E-03	NA	2.41E-02	NA	1.91E-02	3.28E-06	3.37E-01	NA
21	373793	3757585	Residence	8.84E-02	NA	7.55E-03	2.36E-06	7.44E-03	2.66E-07	1.15E-01	8.87E-06	4.38E-03	NA	2.35E-02	NA	1.86E-02	3.21E-06	3.21E-01	NA
22	374093	3757585	Residence	8.30E-02	NA	7.07E-03	2.21E-06	7.02E-03	2.51E-07	1.10E-01	8.46E-06	4.18E-03	NA	2.26E-02	NA	1.80E-02	3.10E-06	3.08E-01	NA
23	373793	3757960	Residence	7.29E-02	NA	6.24E-03	1.95E-06	6.11E-03	2.18E-07	9.42E-02	7.24E-06	3.55E-03	NA	2.12E-02	NA	1.78E-02	3.08E-06	2.78E-01	NA
24	374093	3757960	Residence	7.00E-02	NA	6.05E-03	1.89E-06	5.79E-03	2.07E-07	8.61E-02	6.62E-06	3.29E-03	NA	2.02E-02	NA	1.72E-02	2.96E-06	2.60E-01	NA
25	373793	3758335	Residence	7.00E-02	NA	5.66E-03	1.77E-06	6.33E-03	2.26E-07	1.13E-01	8.73E-06	4.27E-03	NA	2.12E-02	NA	1.67E-02	2.88E-06	3.07E-01	NA
26	374093	3758335	Residence	6.14E-02	NA	4.98E-03	1.56E-06	5.54E-03	1.98E-07	9.86E-02	7.59E-06	3.73E-03	NA	1.97E-02	NA	1.61E-02	2.78E-06	2.77E-01	NA
27	373793	3758710	Residence	8.35E-02	NA	6.94E-03	2.17E-06	7.30E-03	2.61E-07	1.22E-01	9.42E-06	4.61E-03	NA	2.16E-02	NA	1.59E-02	2.73E-06	3.17E-01	NA
28	374093	3758710	Residence	7.30E-02	NA	6.01E-03	1.88E-06	6.45E-03	2.30E-07	1.11E-01	8.52E-06	4.18E-03	NA	1.99E-02	NA	1.50E-02	2.58E-06	2.91E-01	NA
30	367278	3755614	Residence	3.33E-01	NA	2.75E-02	8.60E-06	2.94E-02	1.05E-06	4.97E-01	3.82E-05	1.92E-02	NA	6.48E-02	NA	3.34E-02	5.75E-06	1.09E+00	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
31	367231	3755722	Residence	3.49E-01	NA	2.88E-02	9.01E-06	3.08E-02	1.10E-06	5.23E-01	4.02E-05	2.02E-02	NA	6.74E-02	NA	3.41E-02	5.88E-06	1.14E+00	NA
32	367185	3755830	Residence	3.51E-01	NA	2.89E-02	9.03E-06	3.11E-02	1.11E-06	5.31E-01	4.09E-05	2.04E-02	NA	6.85E-02	NA	3.49E-02	6.01E-06	1.17E+00	NA
33	367138	3755938	Residence	3.41E-01	NA	2.77E-02	8.67E-06	3.08E-02	1.10E-06	5.43E-01	4.18E-05	2.09E-02	NA	6.93E-02	NA	3.56E-02	6.14E-06	1.19E+00	NA
34	367091	3756047	Residence	3.44E-01	NA	2.85E-02	8.91E-06	3.01E-02	1.08E-06	5.05E-01	3.89E-05	1.94E-02	NA	6.83E-02	NA	3.69E-02	6.36E-06	1.13E+00	NA
35	367048	3756147	Residence	3.42E-01	NA	2.87E-02	8.96E-06	2.95E-02	1.05E-06	4.80E-01	3.69E-05	1.84E-02	NA	6.81E-02	NA	3.86E-02	6.65E-06	1.10E+00	NA
36	367005	3756247	Residence	3.27E-01	NA	2.79E-02	8.70E-06	2.77E-02	9.89E-07	4.33E-01	3.33E-05	1.66E-02	NA	6.65E-02	NA	4.05E-02	6.99E-06	1.02E+00	NA
37	366962	3756348	Residence	3.15E-01	NA	2.72E-02	8.50E-06	2.62E-02	9.34E-07	3.92E-01	3.01E-05	1.50E-02	NA	6.53E-02	NA	4.25E-02	7.32E-06	9.60E-01	NA
38	366918	3756450	Residence	3.08E-01	NA	2.69E-02	8.40E-06	2.50E-02	8.94E-07	3.58E-01	2.75E-05	1.37E-02	NA	6.45E-02	NA	4.42E-02	7.63E-06	9.09E-01	NA
39	366874	3756551	Residence	2.93E-01	NA	2.58E-02	8.05E-06	2.36E-02	8.41E-07	3.27E-01	2.52E-05	1.25E-02	NA	6.29E-02	NA	4.51E-02	7.78E-06	8.60E-01	NA
40	366830	3756653	Residence	2.82E-01	NA	2.50E-02	7.83E-06	2.24E-02	8.01E-07	3.02E-01	2.32E-05	1.15E-02	NA	6.20E-02	NA	4.63E-02	7.97E-06	8.21E-01	NA
41	366840	3756685	Residence	2.83E-01	NA	2.52E-02	7.86E-06	2.23E-02	7.97E-07	2.96E-01	2.28E-05	1.13E-02	NA	6.22E-02	NA	4.70E-02	8.10E-06	8.15E-01	NA
42	366890	3756714	Residence	2.87E-01	NA	2.57E-02	8.02E-06	2.26E-02	8.06E-07	2.94E-01	2.27E-05	1.12E-02	NA	6.35E-02	NA	4.85E-02	8.36E-06	8.21E-01	NA
43	366879	3756683	Residence	2.88E-01	NA	2.56E-02	8.01E-06	2.27E-02	8.10E-07	3.00E-01	2.31E-05	1.15E-02	NA	6.33E-02	NA	4.79E-02	8.26E-06	8.27E-01	NA
44	366852	3756751	Residence	2.80E-01	NA	2.50E-02	7.83E-06	2.19E-02	7.83E-07	2.84E-01	2.19E-05	1.08E-02	NA	6.21E-02	NA	4.78E-02	8.24E-06	7.99E-01	NA
45	366884	3756737	Residence	2.85E-01	NA	2.55E-02	7.97E-06	2.23E-02	7.97E-07	2.90E-01	2.23E-05	1.11E-02	NA	6.31E-02	NA	4.85E-02	8.37E-06	8.13E-01	NA
46	366821	3756715	Residence	2.79E-01	NA	2.49E-02	7.77E-06	2.19E-02	7.84E-07	2.89E-01	2.22E-05	1.10E-02	NA	6.15E-02	NA	4.68E-02	8.07E-06	8.01E-01	NA
47	366790	3756728	Residence	2.74E-01	NA	2.45E-02	7.65E-06	2.16E-02	7.71E-07	2.84E-01	2.18E-05	1.08E-02	NA	6.06E-02	NA	4.62E-02	7.97E-06	7.88E-01	NA
48	366745	3756823	Residence	2.61E-01	NA	2.33E-02	7.30E-06	2.04E-02	7.27E-07	2.62E-01	2.02E-05	1.00E-02	NA	5.85E-02	NA	4.57E-02	7.88E-06	7.46E-01	NA
49	366700	3756919	Residence	2.43E-01	NA	2.18E-02	6.81E-06	1.89E-02	6.74E-07	2.40E-01	1.85E-05	9.16E-03	NA	5.63E-02	NA	4.52E-02	7.79E-06	7.04E-01	NA
50	366655	3757014	Residence	2.24E-01	NA	1.99E-02	6.23E-06	1.76E-02	6.30E-07	2.33E-01	1.79E-05	8.95E-03	NA	5.43E-02	NA	4.41E-02	7.61E-06	6.86E-01	NA
51	366608	3757113	Residence	2.12E-01	NA	1.87E-02	5.86E-06	1.70E-02	6.06E-07	2.32E-01	1.79E-05	8.94E-03	NA	5.29E-02	NA	4.28E-02	7.37E-06	6.77E-01	NA
52	366561	3757212	Residence	2.18E-01	NA	1.94E-02	6.05E-06	1.73E-02	6.19E-07	2.33E-01	1.79E-05	8.94E-03	NA	5.20E-02	NA	4.13E-02	7.11E-06	6.68E-01	NA
53	366514	3757311	Residence	2.21E-01	NA	1.97E-02	6.15E-06	1.75E-02	6.25E-07	2.33E-01	1.79E-05	8.94E-03	NA	5.08E-02	NA	3.95E-02	6.81E-06	6.58E-01	NA
54	366464	3757416	Residence	2.21E-01	NA	1.97E-02	6.16E-06	1.75E-02	6.25E-07	2.33E-01	1.79E-05	8.93E-03	NA	4.96E-02	NA	3.78E-02	6.52E-06	6.47E-01	NA
55	366415	3757520	Residence	2.18E-01	NA	1.94E-02	6.06E-06	1.73E-02	6.18E-07	2.32E-01	1.78E-05	8.90E-03	NA	4.83E-02	NA	3.63E-02	6.26E-06	6.36E-01	NA
56	366434	3757556	Residence	2.20E-01	NA	1.95E-02	6.09E-06	1.74E-02	6.23E-07	2.34E-01	1.80E-05	8.99E-03	NA	4.85E-02	NA	3.64E-02	6.27E-06	6.40E-01	NA
57	366484	3757562	Residence	2.24E-01	NA	1.98E-02	6.20E-06	1.77E-02	6.34E-07	2.38E-01	1.83E-05	9.14E-03	NA	4.92E-02	NA	3.69E-02	6.37E-06	6.50E-01	NA
58	366567	3757525	Residence	2.32E-01	NA	2.06E-02	6.44E-06	1.83E-02	6.55E-07	2.44E-01	1.88E-05	9.37E-03	NA	5.09E-02	NA	3.83E-02	6.60E-06	6.69E-01	NA
59	366621	3757539	Residence	2.36E-01	NA	2.10E-02	6.56E-06	1.87E-02	6.67E-07	2.49E-01	1.92E-05	9.57E-03	NA	5.17E-02	NA	3.87E-02	6.68E-06	6.81E-01	NA
60	366646	3757556	Residence	2.37E-01	NA	2.11E-02	6.59E-06	1.88E-02	6.72E-07	2.52E-01	1.94E-05	9.68E-03	NA	5.19E-02	NA	3.88E-02	6.69E-06	6.86E-01	NA
61	366713	3757550	Residence	2.43E-01	NA	2.16E-02	6.75E-06	1.93E-02	6.89E-07	2.58E-01	1.98E-05	9.92E-03	NA	5.30E-02	NA	3.95E-02	6.81E-06	7.02E-01	NA
62	366779	3757545	Residence	2.49E-01	NA	2.21E-02	6.92E-06	1.98E-02	7.06E-07	2.64E-01	2.03E-05	1.02E-02	NA	5.42E-02	NA	4.02E-02	6.94E-06	7.18E-01	NA
63	366839	3757583	Residence	2.51E-01	NA	2.22E-02	6.93E-06	2.00E-02	7.15E-07	2.72E-01	2.09E-05	1.05E-02	NA	5.45E-02	NA	4.01E-02	6.92E-06	7.31E-01	NA
64	366913	3757623	Residence	2.51E-01	NA	2.21E-02	6.89E-06	2.03E-02	7.24E-07	2.83E-01	2.17E-05	1.10E-02	NA	5.53E-02	NA	4.04E-02	6.96E-06	7.52E-01	NA
65	366986	3757664	Residence	2.49E-01	NA	2.17E-02	6.77E-06	2.05E-02	7.31E-07	2.97E-01	2.28E-05	1.17E-02	NA	5.59E-02	NA	4.03E-02	6.95E-06	7.77E-01	NA
66	367074	3757713	Residence	2.45E-01	NA	2.09E-02	6.52E-06	2.07E-02	7.39E-07	3.18E-01	2.45E-05	1.27E-02	NA	5.64E-02	NA	3.98E-02	6.86E-06	8.14E-01	NA
67	367162	3757761	Residence	2.36E-01	NA	1.97E-02	6.16E-06	2.06E-02	7.36E-07	3.36E-01	2.59E-05	1.37E-02	NA	5.66E-02	NA	3.92E-02	6.76E-06	8.45E-01	NA
68	367300	3757718	Residence	2.60E-01	NA	2.07E-02	6.48E-06	2.40E-02	8.57E-07	4.30E-01	3.31E-05	1.80E-02	NA	6.39E-02	NA	4.11E-02	7.09E-06	1.03E+00	NA
69	367385	3757734	Residence	2.54E-01	NA	2.01E-02	6.27E-06	2.39E-02	8.53E-07	4.38E-01	3.37E-05	1.84E-02	NA	6.43E-02	NA	4.13E-02	7.13E-06	1.04E+00	NA
70	367398	3757758	Residence	2.40E-01	NA	1.93E-02	6.02E-06	2.19E-02	7.83E-07	3.88E-01	2.99E-05	1.61E-02	NA	6.07E-02	NA	4.08E-02	7.04E-06	9.51E-01	NA
71	367506	3757818	Residence	2.02E-01	NA	1.77E-02	5.54E-06	1.63E-02	5.82E-07	2.27E-01	1.74E-05	8.88E-03	NA	4.97E-02	NA	3.94E-02	6.80E-06	6.47E-01	NA
72	367533	3757826	Residence	2.06E-01	NA	1.83E-02	5.72E-06	1.64E-02	5.84E-07	2.20E-01	1.69E-05	8.30E-03	NA	4.93E-02	NA	3.92E-02	6.75E-06	6.33E-01	NA
73	367561	3757814	Residence	2.11E-01	NA	1.88E-02	5.87E-06	1.67E-02	5.96E-07	2.23E-01	1.71E-05	8.40E-03	NA	4.99E-02	NA	3.95E-02	6.81E-06	6.39E-01	NA
78	367786	3757842	Residence	2.49E-01	NA	2.31E-02	7.22E-06	1.84E-02	6.57E-07	1.99E-01	1.53E-05	7.46E-03	NA	5.05E-02	NA	3.98E-02	6.87E-06	5.94E-01	NA
79	367782	3757935	Residence	2.46E-01	NA	2.27E-02	7.09E-06	1.83E-02	6.53E-07	2.02E-01	1.55E-05	7.71E-03	NA	4.90E-02	NA	3.78E-02	6.53E-06	5.88E-01	NA
80	367752	3757969	Residence	2.40E-01	NA	2.21E-02	6.90E-06	1.78E-02	6.37E-07	1.98E-01	1.53E-05	7.58E-03	NA	4.81E-02	NA	3.72E-02	6.41E-06	5.78E-01	NA
81	367775	3758021	Residence	2.40E-01	NA	2.20E-02	6.87E-06	1.80E-02	6.43E-07	2.06E-01	1.58E-05	7.84E-03	NA	4.77E-02	NA	3.61E-02	6.23E-06	5.85E-01	NA
82	367808	3758034	Residence	2.42E-01	NA	2.22E-02	6.93E-06	1.83E-02	6.53E-07	2.12E-01	1.63E-05	8.07E-03	NA	4.79E-02	NA	3.59E-02	6.18E-06	5.95E-01	NA
83	367866	3758009	Residence	2.51E-01	NA	2.29E-02	7.17E-06	1.90E-02	6.78E-07	2.22E-01	1.70E-05	8.42E-03	NA	4.91E-02	NA	3.62E-02	6.25E-06	6.14E-01	NA
84	367924	3757985	Residence	2.60E-01	NA	2.37E-02	7.41E-06	1.97E-02	7.03E-07	2.32E-01	1.78E-05	8.79E-03	NA	5.03E-02	NA	3.66E-02	6.31E-06	6.34E-01	NA
85	367938	3757954	Residence	2.65E-01	NA	2.42E-02	7.58E-06	2.00E-02	7.15E-07	2.34E-01	1.80E-05	8.87E-03	NA	5.10E-02	NA	3.73E-02	6.42E-06	6.41E-01	NA
86	367928	3757923	Residence	2.68E-01	NA	2.46E-02	7.68E-06	2.01E-02	7.19E-07	2.30E-01	1.77E-05	8.76E-03	NA	5.15E-02	NA	3.79E-02	6.54E-06	6.39E-01	NA
87	367915	3757953	Residence	2.63E-01	NA	2.40E-02	7.51E-06	1.98E-02	7.07E-07	2.29E-01	1.76E-05	8.70E-03	NA	5.07E-02	NA	3.73E-02	6.43E-06	6.33E-01	NA
88	368017	3757908	Residence	2.80E-01	NA	2.56E-02	7.99E-06	2.12E-02	7.56E-07	2.48E-01	1.91E-05	9.41E-03	NA	5.30E-02	NA	3.81E-02	6.56E-06	6.72E-01	NA
89	368119	3757863	Residence	2.97E-01	NA	2.71E-02	8.47E-06	2.26E-02	8.08E-07	2.69E-01	2.07E-05	1.02E-02	NA	5.55E-02	NA	3.89E-02	6.70E-06	7.15E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
90	368180	3757839	Residence	3.07E-01	NA	2.79E-02	8.73E-06	2.35E-02	8.38E-07	2.83E-01	2.18E-05	1.07E-02	NA	5.70E-02	NA	3.93E-02	6.77E-06	7.42E-01	NA
91	368242	3757814	Residence	3.37E-01	NA	3.08E-02	9.62E-06	2.55E-02	9.09E-07	2.99E-01	2.30E-05	1.12E-02	NA	5.93E-02	NA	3.97E-02	6.85E-06	7.70E-01	NA
92	368318	3757785	Residence	3.75E-01	NA	3.45E-02	1.08E-05	2.80E-02	1.00E-06	3.18E-01	2.45E-05	1.19E-02	NA	6.23E-02	NA	4.02E-02	6.93E-06	8.07E-01	NA
93	368407	3757788	Residence	4.17E-01	NA	3.86E-02	1.21E-05	3.09E-02	1.10E-06	3.39E-01	2.61E-05	1.25E-02	NA	6.48E-02	NA	3.98E-02	6.86E-06	8.39E-01	NA
94	368505	3757789	Residence	4.56E-01	NA	4.23E-02	1.32E-05	3.35E-02	1.19E-06	3.58E-01	2.75E-05	1.31E-02	NA	6.71E-02	NA	3.93E-02	6.78E-06	8.67E-01	NA
95	368603	3757790	Residence	4.78E-01	NA	4.45E-02	1.39E-05	3.50E-02	1.25E-06	3.70E-01	2.85E-05	1.34E-02	NA	6.84E-02	NA	3.90E-02	6.72E-06	8.86E-01	NA
96	368628	3757765	Residence	4.92E-01	NA	4.58E-02	1.43E-05	3.60E-02	1.28E-06	3.80E-01	2.92E-05	1.38E-02	NA	7.00E-02	NA	3.96E-02	6.83E-06	9.07E-01	NA
97	368676	3757781	Residence	4.86E-01	NA	4.53E-02	1.41E-05	3.56E-02	1.27E-06	3.78E-01	2.90E-05	1.36E-02	NA	6.95E-02	NA	3.95E-02	6.82E-06	9.02E-01	NA
98	368759	3757821	Residence	4.58E-01	NA	4.19E-02	1.31E-05	3.45E-02	1.23E-06	4.02E-01	3.09E-05	1.50E-02	NA	6.92E-02	NA	3.90E-02	6.72E-06	9.46E-01	NA
99	368839	3757872	Residence	4.30E-01	NA	3.85E-02	1.20E-05	3.36E-02	1.20E-06	4.37E-01	3.36E-05	1.60E-02	NA	6.92E-02	NA	3.80E-02	6.56E-06	1.01E+00	NA
100	368921	3757924	Residence	4.33E-01	NA	3.86E-02	1.21E-05	3.41E-02	1.22E-06	4.57E-01	3.52E-05	1.64E-02	NA	6.96E-02	NA	3.69E-02	6.37E-06	1.03E+00	NA
101	369004	3757976	Residence	4.15E-01	NA	3.67E-02	1.15E-05	3.30E-02	1.18E-06	4.54E-01	3.49E-05	1.61E-02	NA	6.78E-02	NA	3.57E-02	6.16E-06	1.02E+00	NA
102	369038	3757969	Residence	4.13E-01	NA	3.65E-02	1.14E-05	3.29E-02	1.18E-06	4.57E-01	3.52E-05	1.62E-02	NA	6.79E-02	NA	3.57E-02	6.16E-06	1.03E+00	NA
103	369101	3757878	Residence	4.38E-01	NA	3.86E-02	1.21E-05	3.51E-02	1.25E-06	4.96E-01	3.82E-05	1.75E-02	NA	7.22E-02	NA	3.73E-02	6.43E-06	1.11E+00	NA
104	369067	3757885	Residence	4.44E-01	NA	3.92E-02	1.23E-05	3.54E-02	1.26E-06	4.93E-01	3.80E-05	1.74E-02	NA	7.22E-02	NA	3.73E-02	6.43E-06	1.10E+00	NA
105	369139	3757930	Residence	4.01E-01	NA	3.52E-02	1.10E-05	3.24E-02	1.16E-06	4.65E-01	3.58E-05	1.63E-02	NA	6.83E-02	NA	3.64E-02	6.28E-06	1.05E+00	NA
106	369211	3757974	Residence	3.50E-01	NA	3.05E-02	9.53E-06	2.85E-02	1.02E-06	4.20E-01	3.23E-05	1.48E-02	NA	6.34E-02	NA	3.59E-02	6.18E-06	9.66E-01	NA
107	369243	3757968	Residence	3.34E-01	NA	2.90E-02	9.07E-06	2.74E-02	9.79E-07	4.10E-01	3.15E-05	1.44E-02	NA	6.24E-02	NA	3.61E-02	6.22E-06	9.49E-01	NA
108	369305	3757894	Residence	3.24E-01	NA	2.77E-02	8.67E-06	2.71E-02	9.67E-07	4.21E-01	3.24E-05	1.51E-02	NA	6.37E-02	NA	3.76E-02	6.49E-06	9.81E-01	NA
109	369366	3757820	Residence	3.11E-01	NA	2.58E-02	8.06E-06	2.72E-02	9.72E-07	4.66E-01	3.59E-05	1.66E-02	NA	6.69E-02	NA	3.94E-02	6.78E-06	1.08E+00	NA
110	369436	3757794	Residence	2.71E-01	NA	2.13E-02	6.65E-06	2.54E-02	9.06E-07	4.91E-01	3.77E-05	1.73E-02	NA	6.71E-02	NA	4.02E-02	6.93E-06	1.13E+00	NA
111	369435	3757760	Residence	2.82E-01	NA	2.22E-02	6.93E-06	2.63E-02	9.40E-07	5.07E-01	3.90E-05	1.78E-02	NA	6.91E-02	NA	4.10E-02	7.08E-06	1.16E+00	NA
112	369251	3758017	Residence	3.13E-01	NA	2.72E-02	8.51E-06	2.56E-02	9.16E-07	3.81E-01	2.93E-05	1.34E-02	NA	5.94E-02	NA	3.52E-02	6.07E-06	8.94E-01	NA
113	369344	3758083	Residence	2.52E-01	NA	2.09E-02	6.54E-06	2.20E-02	7.85E-07	3.74E-01	2.88E-05	1.34E-02	NA	5.57E-02	NA	3.42E-02	5.90E-06	8.79E-01	NA
114	369437	3758148	Residence	1.96E-01	NA	1.53E-02	4.79E-06	1.84E-02	6.58E-07	3.58E-01	2.75E-05	1.27E-02	NA	5.18E-02	NA	3.33E-02	5.73E-06	8.47E-01	NA
115	369429	3758218	Residence	1.89E-01	NA	1.48E-02	4.64E-06	1.76E-02	6.30E-07	3.39E-01	2.61E-05	1.21E-02	NA	4.97E-02	NA	3.22E-02	5.55E-06	8.07E-01	NA
116	369432	3758306	Residence	1.75E-01	NA	1.38E-02	4.31E-06	1.64E-02	5.87E-07	3.17E-01	2.44E-05	1.13E-02	NA	4.71E-02	NA	3.09E-02	5.34E-06	7.60E-01	NA
117	369435	3758395	Residence	1.64E-01	NA	1.28E-02	4.01E-06	1.54E-02	5.49E-07	2.97E-01	2.29E-05	1.06E-02	NA	4.47E-02	NA	2.98E-02	5.14E-06	7.17E-01	NA
118	369460	3758419	Residence	1.53E-01	NA	1.18E-02	3.68E-06	1.46E-02	5.21E-07	2.90E-01	2.23E-05	1.04E-02	NA	4.37E-02	NA	2.96E-02	5.10E-06	7.03E-01	NA
119	369558	3758419	Residence	1.40E-01	NA	1.07E-02	3.35E-06	1.36E-02	4.85E-07	2.75E-01	2.11E-05	9.81E-03	NA	4.26E-02	NA	2.99E-02	5.15E-06	6.78E-01	NA
120	369657	3758419	Residence	1.41E-01	NA	1.12E-02	3.49E-06	1.32E-02	4.72E-07	2.53E-01	1.94E-05	9.02E-03	NA	4.15E-02	NA	2.99E-02	5.16E-06	6.39E-01	NA
121	369755	3758419	Residence	1.39E-01	NA	1.13E-02	3.52E-06	1.25E-02	4.47E-07	2.25E-01	1.73E-05	8.09E-03	NA	3.99E-02	NA	2.99E-02	5.15E-06	5.88E-01	NA
122	369853	3758419	Residence	1.32E-01	NA	1.10E-02	3.44E-06	1.16E-02	4.13E-07	1.95E-01	1.50E-05	7.08E-03	NA	3.79E-02	NA	2.96E-02	5.11E-06	5.32E-01	NA
123	369878	3758394	Residence	1.32E-01	NA	1.11E-02	3.46E-06	1.15E-02	4.09E-07	1.91E-01	1.47E-05	6.94E-03	NA	3.78E-02	NA	2.98E-02	5.14E-06	5.25E-01	NA
124	369877	3758289	Residence	1.41E-01	NA	1.18E-02	3.69E-06	1.23E-02	4.39E-07	2.06E-01	1.59E-05	7.51E-03	NA	3.99E-02	NA	3.11E-02	5.35E-06	5.61E-01	NA
125	369876	3758183	Residence	1.51E-01	NA	1.25E-02	3.92E-06	1.32E-02	4.73E-07	2.25E-01	1.73E-05	8.21E-03	NA	4.23E-02	NA	3.24E-02	5.59E-06	6.03E-01	NA
126	369962	3758103	Residence	1.78E-01	NA	1.54E-02	4.82E-06	1.46E-02	5.20E-07	2.14E-01	1.65E-05	7.96E-03	NA	4.37E-02	NA	3.36E-02	5.79E-06	5.89E-01	NA
127	370075	3758103	Residence	1.97E-01	NA	1.80E-02	5.62E-06	1.50E-02	5.35E-07	1.79E-01	1.37E-05	6.57E-03	NA	4.32E-02	NA	3.43E-02	5.92E-06	5.27E-01	NA
128	370187	3758103	Residence	2.16E-01	NA	1.99E-02	6.22E-06	1.61E-02	5.74E-07	1.81E-01	1.39E-05	6.57E-03	NA	4.44E-02	NA	3.48E-02	6.00E-06	5.32E-01	NA
129	370299	3758103	Residence	2.27E-01	NA	2.11E-02	6.59E-06	1.67E-02	5.96E-07	1.74E-01	1.34E-05	7.07E-03	NA	4.47E-02	NA	3.51E-02	6.05E-06	5.23E-01	NA
136	370506	3758113	Residence	2.31E-01	NA	2.13E-02	6.65E-06	1.73E-02	6.19E-07	1.95E-01	1.50E-05	7.56E-03	NA	4.59E-02	NA	3.49E-02	6.02E-06	5.59E-01	NA
137	370601	3758113	Residence	2.29E-01	NA	2.08E-02	6.50E-06	1.74E-02	6.23E-07	2.09E-01	1.61E-05	7.97E-03	NA	4.63E-02	NA	3.46E-02	5.97E-06	5.82E-01	NA
138	370696	3758114	Residence	2.24E-01	NA	2.00E-02	6.26E-06	1.76E-02	6.27E-07	2.29E-01	1.76E-05	8.71E-03	NA	4.72E-02	NA	3.47E-02	5.99E-06	6.19E-01	NA
139	370791	3758114	Residence	2.22E-01	NA	1.90E-02	5.95E-06	1.87E-02	6.67E-07	2.85E-01	2.19E-05	1.12E-02	NA	4.99E-02	NA	3.45E-02	5.95E-06	7.21E-01	NA
140	370886	3758114	Residence	2.24E-01	NA	1.83E-02	5.71E-06	2.00E-02	7.15E-07	3.44E-01	2.65E-05	1.39E-02	NA	5.26E-02	NA	3.37E-02	5.82E-06	8.26E-01	NA
154	371170	3757732	Residence	2.46E-01	NA	2.13E-02	6.66E-06	2.02E-02	7.22E-07	2.98E-01	2.30E-05	1.12E-02	NA	5.45E-02	NA	3.83E-02	6.60E-06	7.68E-01	NA
155	371240	3757783	Residence	2.35E-01	NA	2.04E-02	6.38E-06	1.93E-02	6.90E-07	2.85E-01	2.19E-05	1.07E-02	NA	5.20E-02	NA	3.66E-02	6.31E-06	7.32E-01	NA
156	371264	3757808	Residence	2.31E-01	NA	2.01E-02	6.28E-06	1.90E-02	6.78E-07	2.78E-01	2.14E-05	1.05E-02	NA	5.11E-02	NA	3.60E-02	6.20E-06	7.17E-01	NA
157	371372	3757807	Residence	2.20E-01	NA	1.89E-02	5.92E-06	1.84E-02	6.56E-07	2.79E-01	2.15E-05	1.05E-02	NA	4.93E-02	NA	3.41E-02	5.88E-06	7.08E-01	NA
158	371385	3757827	Residence	2.18E-01	NA	1.88E-02	5.88E-06	1.82E-02	6.49E-07	2.75E-01	2.11E-05	1.03E-02	NA	4.88E-02	NA	3.38E-02	5.83E-06	6.98E-01	NA
159	371485	3757895	Residence	2.07E-01	NA	1.78E-02	5.56E-06	1.72E-02	6.14E-07	2.60E-01	2.00E-05	9.78E-03	NA	4.61E-02	NA	3.20E-02	5.52E-06	6.60E-01	NA
160	371585	3757964	Residence	1.96E-01	NA	1.69E-02	5.27E-06	1.63E-02	5.82E-07	2.46E-01	1.89E-05	9.28E-03	NA	4.37E-02	NA	3.04E-02	5.24E-06	6.25E-01	NA
161	371684	3758032	Residence	1.86E-01	NA	1.60E-02	5.01E-06	1.55E-02	5.52E-07	2.33E-01	1.79E-05	8.81E-03	NA	4.15E-02	NA	2.89E-02	4.98E-06	5.93E-01	NA
162	371784	3758101	Residence	1.77E-01	NA	1.52E-02	4.76E-06	1.47E-02	5.24E-07	2.21E-01	1.70E-05	8.37E-03	NA	3.95E-02	NA	2.76E-02	4.75E-06	5.64E-01	NA
163	371818	3758095	Residence	1.75E-01	NA	1.50E-02	4.70E-06	1.46E-02	5.21E-07	2.22E-01	1.70E-05	8.38E-03	NA	3.93E-02	NA	2.73E-02	4.71E-06	5.63E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
164	371873	3758022	Residence	1.72E-01	NA	1.47E-02	4.58E-06	1.46E-02	5.22E-07	2.30E-01	1.77E-05	8.65E-03	NA	3.94E-02	NA	2.70E-02	4.65E-06	5.77E-01	NA
165	371928	3757949	Residence	1.67E-01	NA	1.41E-02	4.39E-06	1.44E-02	5.15E-07	2.36E-01	1.81E-05	8.81E-03	NA	3.89E-02	NA	2.63E-02	4.53E-06	5.83E-01	NA
166	371969	3757946	Residence	1.64E-01	NA	1.37E-02	4.28E-06	1.42E-02	5.06E-07	2.33E-01	1.79E-05	8.71E-03	NA	3.83E-02	NA	2.58E-02	4.45E-06	5.76E-01	NA
167	371989	3757924	Residence	1.61E-01	NA	1.35E-02	4.20E-06	1.40E-02	5.01E-07	2.33E-01	1.80E-05	8.72E-03	NA	3.83E-02	NA	2.59E-02	4.47E-06	5.77E-01	NA
295	370737	3755244	Residence	1.10E-01	NA	8.13E-03	2.54E-06	1.11E-02	3.96E-07	2.35E-01	1.81E-05	8.64E-03	NA	5.16E-02	NA	4.65E-02	8.01E-06	7.11E-01	NA
296	370669	3755237	Residence	1.14E-01	NA	8.01E-03	2.50E-06	1.20E-02	4.28E-07	2.70E-01	2.08E-05	9.87E-03	NA	5.37E-02	NA	4.66E-02	8.03E-06	7.77E-01	NA
297	370571	3755237	Residence	1.20E-01	NA	7.88E-03	2.46E-06	1.34E-02	4.80E-07	3.25E-01	2.50E-05	1.18E-02	NA	5.72E-02	NA	4.70E-02	8.10E-06	8.79E-01	NA
298	370476	3755238	Residence	1.44E-01	NA	9.65E-03	3.01E-06	1.59E-02	5.69E-07	3.81E-01	2.93E-05	1.36E-02	NA	6.13E-02	NA	4.72E-02	8.14E-06	9.80E-01	NA
299	370380	3755238	Residence	1.75E-01	NA	1.21E-02	3.78E-06	1.87E-02	6.68E-07	4.33E-01	3.33E-05	1.53E-02	NA	6.54E-02	NA	4.73E-02	8.16E-06	1.07E+00	NA
300	370279	3755239	Residence	2.10E-01	NA	1.51E-02	4.73E-06	2.16E-02	7.73E-07	4.79E-01	3.69E-05	1.68E-02	NA	6.95E-02	NA	4.76E-02	8.20E-06	1.16E+00	NA
301	370177	3755240	Residence	2.47E-01	NA	1.86E-02	5.81E-06	2.43E-02	8.68E-07	5.08E-01	3.91E-05	1.77E-02	NA	7.29E-02	NA	4.80E-02	8.28E-06	1.21E+00	NA
302	370076	3755240	Residence	2.84E-01	NA	2.24E-02	6.99E-06	2.65E-02	9.48E-07	5.12E-01	3.94E-05	1.78E-02	NA	7.48E-02	NA	4.83E-02	8.32E-06	1.22E+00	NA
303	369979	3755241	Residence	3.18E-01	NA	2.62E-02	8.19E-06	2.81E-02	1.00E-06	4.91E-01	3.78E-05	1.72E-02	NA	7.51E-02	NA	4.83E-02	8.33E-06	1.18E+00	NA
304	369883	3755241	Residence	3.50E-01	NA	3.01E-02	9.40E-06	2.92E-02	1.04E-06	4.50E-01	3.46E-05	1.60E-02	NA	7.42E-02	NA	4.81E-02	8.30E-06	1.10E+00	NA
306	369690	3755242	Residence	4.21E-01	NA	3.71E-02	1.16E-05	3.39E-02	1.21E-06	4.59E-01	3.53E-05	1.89E-02	NA	7.72E-02	NA	4.76E-02	8.21E-06	1.11E+00	NA
307	369594	3755243	Residence	4.51E-01	NA	3.95E-02	1.23E-05	3.66E-02	1.31E-06	5.24E-01	4.03E-05	1.93E-02	NA	8.18E-02	NA	4.76E-02	8.20E-06	1.22E+00	NA
308	369498	3755243	Residence	4.50E-01	NA	4.04E-02	1.26E-05	3.51E-02	1.25E-06	4.62E-01	3.55E-05	1.57E-02	NA	7.87E-02	NA	4.78E-02	8.24E-06	1.11E+00	NA
309	369396	3755244	Residence	4.36E-01	NA	3.90E-02	1.22E-05	3.42E-02	1.22E-06	4.61E-01	3.55E-05	1.57E-02	NA	7.81E-02	NA	4.78E-02	8.25E-06	1.11E+00	NA
310	369295	3755244	Residence	4.06E-01	NA	3.47E-02	1.08E-05	3.42E-02	1.22E-06	5.47E-01	4.21E-05	1.85E-02	NA	8.31E-02	NA	5.01E-02	8.63E-06	1.28E+00	NA
311	369193	3755245	Residence	3.48E-01	NA	2.77E-02	8.65E-06	3.21E-02	1.15E-06	6.11E-01	4.70E-05	2.07E-02	NA	8.60E-02	NA	5.28E-02	9.11E-06	1.42E+00	NA
312	369092	3755245	Residence	3.38E-01	NA	2.63E-02	8.21E-06	3.21E-02	1.15E-06	6.39E-01	4.91E-05	2.19E-02	NA	8.95E-02	NA	5.60E-02	9.66E-06	1.49E+00	NA
313	368991	3755246	Residence	3.98E-01	NA	3.26E-02	1.02E-05	3.55E-02	1.27E-06	6.34E-01	4.87E-05	2.18E-02	NA	9.41E-02	NA	5.92E-02	1.02E-05	1.50E+00	NA
314	368889	3755247	Residence	4.34E-01	NA	3.67E-02	1.15E-05	3.69E-02	1.32E-06	6.00E-01	4.62E-05	2.11E-02	NA	9.42E-02	NA	5.97E-02	1.03E-05	1.44E+00	NA
315	368782	3755247	Residence	4.39E-01	NA	3.77E-02	1.18E-05	3.66E-02	1.31E-06	5.69E-01	4.38E-05	2.00E-02	NA	9.14E-02	NA	5.79E-02	9.98E-06	1.37E+00	NA
316	368676	3755248	Residence	5.08E-01	NA	4.52E-02	1.41E-05	4.01E-02	1.43E-06	5.41E-01	4.16E-05	1.93E-02	NA	9.13E-02	NA	5.59E-02	9.63E-06	1.30E+00	NA
317	368569	3755248	Residence	5.74E-01	NA	5.24E-02	1.64E-05	4.34E-02	1.55E-06	5.19E-01	3.99E-05	1.86E-02	NA	9.14E-02	NA	5.40E-02	9.30E-06	1.24E+00	NA
318	368471	3755249	Residence	5.95E-01	NA	5.50E-02	1.72E-05	4.41E-02	1.58E-06	4.89E-01	3.76E-05	1.79E-02	NA	8.92E-02	NA	5.21E-02	8.98E-06	1.18E+00	NA
319	368373	3755249	Residence	5.82E-01	NA	5.41E-02	1.69E-05	4.26E-02	1.52E-06	4.51E-01	3.47E-05	1.68E-02	NA	8.56E-02	NA	5.07E-02	8.74E-06	1.10E+00	NA
320	368275	3755250	Residence	5.43E-01	NA	5.06E-02	1.58E-05	3.96E-02	1.41E-06	4.09E-01	3.15E-05	1.56E-02	NA	8.14E-02	NA	5.01E-02	8.63E-06	1.02E+00	NA
321	368167	3755230	Residence	5.06E-01	NA	4.74E-02	1.48E-05	3.66E-02	1.31E-06	3.65E-01	2.81E-05	1.41E-02	NA	7.72E-02	NA	4.95E-02	8.54E-06	9.43E-01	NA
322	368054	3755209	Residence	4.65E-01	NA	4.36E-02	1.36E-05	3.34E-02	1.19E-06	3.25E-01	2.50E-05	1.27E-02	NA	7.29E-02	NA	4.90E-02	8.46E-06	8.69E-01	NA
323	367941	3755189	Residence	4.32E-01	NA	4.07E-02	1.27E-05	3.10E-02	1.11E-06	2.96E-01	2.28E-05	1.17E-02	NA	6.92E-02	NA	4.79E-02	8.26E-06	8.11E-01	NA
324	367824	3755185	Residence	3.97E-01	NA	3.71E-02	1.16E-05	2.87E-02	1.03E-06	2.85E-01	2.20E-05	1.13E-02	NA	6.56E-02	NA	4.58E-02	7.90E-06	7.81E-01	NA
325	367711	3755181	Residence	3.59E-01	NA	3.32E-02	1.04E-05	2.66E-02	9.52E-07	2.88E-01	2.21E-05	1.15E-02	NA	6.19E-02	NA	4.27E-02	7.36E-06	7.69E-01	NA
326	367598	3755178	Residence	3.21E-01	NA	2.91E-02	9.09E-06	2.46E-02	8.77E-07	2.94E-01	2.27E-05	1.18E-02	NA	5.79E-02	NA	3.90E-02	6.72E-06	7.61E-01	NA
327	367484	3755174	Residence	2.82E-01	NA	2.51E-02	7.84E-06	2.24E-02	7.98E-07	2.95E-01	2.27E-05	1.18E-02	NA	5.36E-02	NA	3.53E-02	6.09E-06	7.42E-01	NA
328	367461	3755189	Residence	2.72E-01	NA	2.40E-02	7.49E-06	2.19E-02	7.81E-07	3.01E-01	2.32E-05	1.18E-02	NA	5.28E-02	NA	3.44E-02	5.94E-06	7.48E-01	NA
329	367415	3755295	Residence	2.75E-01	NA	2.37E-02	7.41E-06	2.28E-02	8.15E-07	3.42E-01	2.63E-05	1.31E-02	NA	5.33E-02	NA	3.21E-02	5.54E-06	8.08E-01	NA
330	367369	3755401	Residence	3.01E-01	NA	2.57E-02	8.04E-06	2.52E-02	9.00E-07	3.86E-01	2.97E-05	1.49E-02	NA	5.68E-02	NA	3.22E-02	5.55E-06	8.86E-01	NA
331	367324	3755507	Residence	3.16E-01	NA	2.66E-02	8.31E-06	2.73E-02	9.73E-07	4.43E-01	3.40E-05	1.69E-02	NA	6.08E-02	NA	3.28E-02	5.65E-06	9.92E-01	NA
332	367484	3755199	Residence	2.79E-01	NA	2.46E-02	7.69E-06	2.23E-02	7.96E-07	3.03E-01	2.33E-05	1.20E-02	NA	5.37E-02	NA	3.50E-02	6.04E-06	7.55E-01	NA
333	367301	3755623	Residence	3.39E-01	NA	2.79E-02	8.73E-06	2.99E-02	1.07E-06	5.08E-01	3.91E-05	1.96E-02	NA	6.58E-02	NA	3.37E-02	5.81E-06	1.12E+00	NA
334	367114	3756056	Residence	3.49E-01	NA	2.89E-02	9.04E-06	3.06E-02	1.09E-06	5.16E-01	3.97E-05	1.97E-02	NA	6.93E-02	NA	3.72E-02	6.42E-06	1.15E+00	NA
335	366985	3756358	Residence	3.19E-01	NA	2.76E-02	8.61E-06	2.64E-02	9.43E-07	3.94E-01	3.03E-05	1.51E-02	NA	6.60E-02	NA	4.31E-02	7.43E-06	9.67E-01	NA
336	366853	3756663	Residence	2.85E-01	NA	2.53E-02	7.91E-06	2.26E-02	8.06E-07	3.02E-01	2.32E-05	1.15E-02	NA	6.26E-02	NA	4.70E-02	8.10E-06	8.25E-01	NA
337	366902	3756692	Residence	2.90E-01	NA	2.59E-02	8.09E-06	2.28E-02	8.15E-07	3.00E-01	2.31E-05	1.15E-02	NA	6.39E-02	NA	4.86E-02	8.38E-06	8.31E-01	NA
338	366876	3756760	Residence	2.82E-01	NA	2.53E-02	7.89E-06	2.20E-02	7.87E-07	2.84E-01	2.19E-05	1.09E-02	NA	6.26E-02	NA	4.84E-02	8.35E-06	8.03E-01	NA
339	366813	3756739	Residence	2.76E-01	NA	2.47E-02	7.71E-06	2.17E-02	7.75E-07	2.83E-01	2.18E-05	1.08E-02	NA	6.11E-02	NA	4.68E-02	8.07E-06	7.91E-01	NA
340	366677	3757025	Residence	2.24E-01	NA	1.99E-02	6.22E-06	1.77E-02	6.31E-07	2.34E-01	1.80E-05	9.02E-03	NA	5.48E-02	NA	4.46E-02	7.69E-06	6.92E-01	NA
341	366536	3757322	Residence	2.25E-01	NA	2.00E-02	6.25E-06	1.77E-02	6.34E-07	2.35E-01	1.81E-05	9.02E-03	NA	5.13E-02	NA	3.98E-02	6.86E-06	6.63E-01	NA
342	366437	3757531	Residence	2.20E-01	NA	1.96E-02	6.11E-06	1.75E-02	6.24E-07	2.34E-01	1.80E-05	8.97E-03	NA	4.86E-02	NA	3.66E-02	6.30E-06	6.41E-01	NA
343	366487	3757537	Residence	2.24E-01	NA	1.99E-02	6.23E-06	1.78E-02	6.35E-07	2.38E-01	1.83E-05	9.13E-03	NA	4.95E-02	NA	3.72E-02	6.41E-06	6.51E-01	NA
344	366624	3757468	Residence	2.38E-01	NA	2.12E-02	6.63E-06	1.88E-02	6.71E-07	2.48E-01	1.90E-05	9.49E-03	NA	5.23E-02	NA	3.95E-02	6.81E-06	6.83E-01	NA
345	366644	3757531	Residence	2.38E-01	NA	2.12E-02	6.62E-06	1.89E-02	6.74E-07	2.51E-01	1.93E-05	9.64E-03	NA	5.22E-02	NA	3.91E-02	6.74E-06	6.87E-01	NA
346	366777	3757520	Residence	2.51E-01	NA	2.23E-02	6.97E-06	1.98E-02	7.08E-07	2.63E-01	2.03E-05	1.01E-02	NA	5.45E-02	NA	4.07E-02	7.01E-06	7.18E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
347	366999	3757642	Residence	2.54E-01	NA	2.21E-02	6.91E-06	2.07E-02	7.41E-07	2.98E-01	2.29E-05	1.17E-02	NA	5.65E-02	NA	4.08E-02	7.03E-06	7.82E-01	NA
348	367174	3757740	Residence	2.44E-01	NA	2.03E-02	6.33E-06	2.13E-02	7.61E-07	3.50E-01	2.69E-05	1.43E-02	NA	5.80E-02	NA	3.97E-02	6.84E-06	8.72E-01	NA
349	367291	3757694	Residence	2.70E-01	NA	2.14E-02	6.70E-06	2.50E-02	8.94E-07	4.52E-01	3.48E-05	1.90E-02	NA	6.58E-02	NA	4.15E-02	7.15E-06	1.07E+00	NA
350	367413	3757695	Residence	2.83E-01	NA	2.13E-02	6.64E-06	2.80E-02	1.00E-06	5.55E-01	4.27E-05	2.39E-02	NA	7.24E-02	NA	4.24E-02	7.31E-06	1.26E+00	NA
351	367410	3757736	Residence	2.54E-01	NA	1.99E-02	6.23E-06	2.39E-02	8.55E-07	4.43E-01	3.41E-05	1.87E-02	NA	6.46E-02	NA	4.14E-02	7.14E-06	1.05E+00	NA
352	367518	3757796	Residence	2.04E-01	NA	1.78E-02	5.57E-06	1.67E-02	5.97E-07	2.33E-01	1.80E-05	9.99E-03	NA	5.06E-02	NA	4.00E-02	6.90E-06	6.64E-01	NA
353	367539	3757802	Residence	2.07E-01	NA	1.83E-02	5.71E-06	1.66E-02	5.91E-07	2.28E-01	1.75E-05	8.61E-03	NA	5.03E-02	NA	3.98E-02	6.87E-06	6.51E-01	NA
354	367609	3757677	Residence	2.41E-01	NA	2.13E-02	6.64E-06	1.94E-02	6.93E-07	2.70E-01	2.07E-05	1.02E-02	NA	5.65E-02	NA	4.36E-02	7.51E-06	7.48E-01	NA
355	367769	3757644	Residence	2.53E-01	NA	2.23E-02	6.98E-06	2.02E-02	7.23E-07	2.79E-01	2.15E-05	1.06E-02	NA	5.83E-02	NA	4.45E-02	7.67E-06	7.70E-01	NA
356	367775	3757719	Residence	2.54E-01	NA	2.28E-02	7.14E-06	1.97E-02	7.02E-07	2.49E-01	1.91E-05	9.34E-03	NA	5.54E-02	NA	4.26E-02	7.35E-06	7.03E-01	NA
357	367809	3757835	Residence	2.54E-01	NA	2.36E-02	7.36E-06	1.87E-02	6.68E-07	1.99E-01	1.53E-05	7.62E-03	NA	5.08E-02	NA	4.00E-02	6.90E-06	5.97E-01	NA
358	367807	3757936	Residence	2.50E-01	NA	2.30E-02	7.19E-06	1.86E-02	6.64E-07	2.06E-01	1.59E-05	7.89E-03	NA	4.94E-02	NA	3.78E-02	6.52E-06	5.97E-01	NA
359	367775	3757959	Residence	2.43E-01	NA	2.24E-02	7.01E-06	1.81E-02	6.48E-07	2.02E-01	1.55E-05	7.72E-03	NA	4.86E-02	NA	3.74E-02	6.44E-06	5.86E-01	NA
360	367798	3758011	Residence	2.43E-01	NA	2.23E-02	6.97E-06	1.83E-02	6.53E-07	2.09E-01	1.61E-05	7.97E-03	NA	4.82E-02	NA	3.63E-02	6.26E-06	5.93E-01	NA
361	367914	3757962	Residence	2.62E-01	NA	2.39E-02	7.48E-06	1.97E-02	7.05E-07	2.29E-01	1.76E-05	8.71E-03	NA	5.06E-02	NA	3.71E-02	6.40E-06	6.33E-01	NA
362	367905	3757930	Residence	2.64E-01	NA	2.42E-02	7.57E-06	1.98E-02	7.07E-07	2.26E-01	1.74E-05	8.59E-03	NA	5.10E-02	NA	3.78E-02	6.52E-06	6.31E-01	NA
363	368109	3757840	Residence	3.01E-01	NA	2.75E-02	8.60E-06	2.28E-02	8.14E-07	2.67E-01	2.05E-05	1.01E-02	NA	5.60E-02	NA	3.95E-02	6.81E-06	7.13E-01	NA
364	368233	3757790	Residence	3.31E-01	NA	3.02E-02	9.44E-06	2.51E-02	8.97E-07	2.96E-01	2.28E-05	1.12E-02	NA	5.95E-02	NA	4.04E-02	6.97E-06	7.71E-01	NA
365	368309	3757762	Residence	3.71E-01	NA	3.40E-02	1.06E-05	2.78E-02	9.92E-07	3.17E-01	2.44E-05	1.19E-02	NA	6.26E-02	NA	4.09E-02	7.06E-06	8.09E-01	NA
366	368603	3757765	Residence	4.89E-01	NA	4.55E-02	1.42E-05	3.57E-02	1.28E-06	3.77E-01	2.90E-05	1.37E-02	NA	6.96E-02	NA	3.95E-02	6.81E-06	9.02E-01	NA
367	368604	3757719	Residence	5.08E-01	NA	4.73E-02	1.48E-05	3.71E-02	1.33E-06	3.90E-01	3.00E-05	1.42E-02	NA	7.21E-02	NA	4.09E-02	7.04E-06	9.32E-01	NA
368	368770	3757799	Residence	4.68E-01	NA	4.29E-02	1.34E-05	3.52E-02	1.26E-06	4.08E-01	3.14E-05	1.52E-02	NA	7.04E-02	NA	3.95E-02	6.81E-06	9.60E-01	NA
369	369017	3757954	Residence	4.22E-01	NA	3.74E-02	1.17E-05	3.35E-02	1.20E-06	4.63E-01	3.56E-05	1.64E-02	NA	6.88E-02	NA	3.61E-02	6.22E-06	1.04E+00	NA
370	369080	3757864	Residence	4.51E-01	NA	3.98E-02	1.24E-05	3.60E-02	1.29E-06	5.04E-01	3.87E-05	1.77E-02	NA	7.34E-02	NA	3.77E-02	6.50E-06	1.12E+00	NA
371	369224	3757952	Residence	3.51E-01	NA	3.05E-02	9.54E-06	2.87E-02	1.03E-06	4.27E-01	3.28E-05	1.50E-02	NA	6.42E-02	NA	3.63E-02	6.26E-06	9.81E-01	NA
372	369409	3757730	Residence	3.12E-01	NA	2.51E-02	7.86E-06	2.83E-02	1.01E-06	5.18E-01	3.98E-05	1.83E-02	NA	7.13E-02	NA	4.17E-02	7.18E-06	1.18E+00	NA
373	369454	3757776	Residence	2.67E-01	NA	2.07E-02	6.47E-06	2.53E-02	9.04E-07	5.00E-01	3.85E-05	1.76E-02	NA	6.78E-02	NA	4.07E-02	7.02E-06	1.15E+00	NA
374	369265	3757997	Residence	3.12E-01	NA	2.71E-02	8.46E-06	2.57E-02	9.17E-07	3.85E-01	2.96E-05	1.37E-02	NA	5.98E-02	NA	3.56E-02	6.14E-06	9.03E-01	NA
375	369452	3758128	Residence	1.92E-01	NA	1.49E-02	4.66E-06	1.83E-02	6.54E-07	3.63E-01	2.79E-05	1.29E-02	NA	5.22E-02	NA	3.36E-02	5.80E-06	8.59E-01	NA
376	369460	3758394	Residence	1.55E-01	NA	1.20E-02	3.74E-06	1.48E-02	5.30E-07	2.95E-01	2.27E-05	1.05E-02	NA	4.43E-02	NA	2.99E-02	5.15E-06	7.14E-01	NA
377	369853	3758394	Residence	1.35E-01	NA	1.12E-02	3.50E-06	1.17E-02	4.20E-07	1.99E-01	1.53E-05	7.21E-03	NA	3.84E-02	NA	2.99E-02	5.16E-06	5.40E-01	NA
378	369850	3758078	Residence	1.65E-01	NA	1.36E-02	4.24E-06	1.46E-02	5.23E-07	2.55E-01	1.96E-05	9.23E-03	NA	4.57E-02	NA	3.41E-02	5.87E-06	6.67E-01	NA
384	370886	3758089	Residence	2.31E-01	NA	1.86E-02	5.81E-06	2.11E-02	7.54E-07	3.75E-01	2.88E-05	1.53E-02	NA	5.50E-02	NA	3.44E-02	5.94E-06	8.86E-01	NA
391	371193	3757720	Residence	2.44E-01	NA	2.10E-02	6.58E-06	2.02E-02	7.21E-07	3.03E-01	2.33E-05	1.13E-02	NA	5.43E-02	NA	3.79E-02	6.53E-06	7.73E-01	NA
392	371254	3757762	Residence	2.35E-01	NA	2.03E-02	6.34E-06	1.94E-02	6.94E-07	2.91E-01	2.24E-05	1.09E-02	NA	5.22E-02	NA	3.64E-02	6.28E-06	7.43E-01	NA
393	371264	3757783	Residence	2.33E-01	NA	2.01E-02	6.29E-06	1.92E-02	6.85E-07	2.85E-01	2.19E-05	1.07E-02	NA	5.16E-02	NA	3.61E-02	6.23E-06	7.31E-01	NA
394	371372	3757782	Residence	2.21E-01	NA	1.89E-02	5.92E-06	1.85E-02	6.62E-07	2.85E-01	2.20E-05	1.07E-02	NA	4.97E-02	NA	3.42E-02	5.89E-06	7.19E-01	NA
395	371399	3757806	Residence	2.18E-01	NA	1.87E-02	5.83E-06	1.82E-02	6.50E-07	2.79E-01	2.15E-05	1.05E-02	NA	4.88E-02	NA	3.36E-02	5.80E-06	7.06E-01	NA
396	371798	3758080	Residence	1.77E-01	NA	1.52E-02	4.74E-06	1.47E-02	5.26E-07	2.24E-01	1.72E-05	8.47E-03	NA	3.97E-02	NA	2.76E-02	4.75E-06	5.69E-01	NA
397	371908	3757934	Residence	1.69E-01	NA	1.42E-02	4.43E-06	1.45E-02	5.19E-07	2.38E-01	1.83E-05	8.90E-03	NA	3.93E-02	NA	2.65E-02	4.56E-06	5.89E-01	NA
398	371964	3757922	Residence	1.63E-01	NA	1.37E-02	4.27E-06	1.42E-02	5.07E-07	2.35E-01	1.81E-05	8.79E-03	NA	3.86E-02	NA	2.61E-02	4.50E-06	5.82E-01	NA
442	370667	3755262	Residence	1.16E-01	NA	8.27E-03	2.59E-06	1.21E-02	4.33E-07	2.69E-01	2.07E-05	9.84E-03	NA	5.44E-02	NA	4.74E-02	8.17E-06	7.80E-01	NA
443	370380	3755263	Residence	1.73E-01	NA	1.19E-02	3.70E-06	1.87E-02	6.67E-07	4.37E-01	3.36E-05	1.55E-02	NA	6.63E-02	NA	4.84E-02	8.34E-06	1.09E+00	NA
444	370076	3755265	Residence	2.84E-01	NA	2.22E-02	6.94E-06	2.68E-02	9.58E-07	5.27E-01	4.05E-05	1.83E-02	NA	7.63E-02	NA	4.92E-02	8.48E-06	1.25E+00	NA
446	369498	3755268	Residence	4.62E-01	NA	4.15E-02	1.30E-05	3.58E-02	1.28E-06	4.70E-01	3.61E-05	1.59E-02	NA	8.02E-02	NA	4.86E-02	8.38E-06	1.13E+00	NA
447	369194	3755270	Residence	3.65E-01	NA	2.91E-02	9.11E-06	3.36E-02	1.20E-06	6.36E-01	4.90E-05	2.16E-02	NA	8.94E-02	NA	5.46E-02	9.41E-06	1.47E+00	NA
448	368889	3755272	Residence	4.47E-01	NA	3.80E-02	1.19E-05	3.79E-02	1.35E-06	6.07E-01	4.67E-05	2.14E-02	NA	9.60E-02	NA	6.09E-02	1.05E-05	1.46E+00	NA
449	368569	3755273	Residence	5.96E-01	NA	5.46E-02	1.71E-05	4.48E-02	1.60E-06	5.25E-01	4.04E-05	1.89E-02	NA	9.30E-02	NA	5.45E-02	9.40E-06	1.26E+00	NA
450	368275	3755275	Residence	5.51E-01	NA	5.15E-02	1.61E-05	4.01E-02	1.43E-06	4.07E-01	3.13E-05	1.56E-02	NA	8.21E-02	NA	5.07E-02	8.74E-06	1.02E+00	NA
451	367936	3755213	Residence	4.34E-01	NA	4.09E-02	1.28E-05	3.10E-02	1.11E-06	2.93E-01	2.26E-05	1.16E-02	NA	6.95E-02	NA	4.83E-02	8.33E-06	8.09E-01	NA
74	370324	3758078	School	2.17E-01	NA	1.91E-02	5.97E-06	1.74E-02	6.23E-07	2.43E-01	1.87E-05	9.19E-03	NA	5.25E-02	NA	4.12E-02	7.11E-06	6.87E-01	NA
75	370324	3758078	School	2.35E-01	NA	2.07E-02	6.46E-06	1.89E-02	6.76E-07	2.65E-01	2.04E-05	1.00E-02	NA	5.57E-02	NA	4.32E-02	7.44E-06	7.37E-01	NA
76	370324	3758078	School	2.36E-01	NA	2.08E-02	6.50E-06	1.90E-02	6.78E-07	2.65E-01	2.04E-05	1.00E-02	NA	5.59E-02	NA	4.32E-02	7.45E-06	7.37E-01	NA
77	370324	3758078	School	2.48E-01	NA	2.23E-02	6.96E-06	1.94E-02	6.92E-07	2.49E-01	1.92E-05	9.37E-03	NA	5.51E-02	NA	4.25E-02	7.33E-06	7.03E-01	NA
130	370324	3758078	School	2.36E-01	NA	2.19E-02	6.84E-06	1.74E-02	6.23E-07	1.85E-01	1.42E-05	7.43E-03	NA	4.61E-02	NA	3.56E-02	6.14E-06	5.44E-01	NA

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	hexane, n- (µg/m^3)	hexane, n- Acute Hazard	isopropyl alcohol (µg/m^3)	isopropyl alcohol Acute Hazard	methyl alcohol (µg/m^3)	methyl alcohol Acute Hazard	methyl ethyl ketone (µg/m^3)	methyl ethyl ketone Acute Hazard	methyl t-butyl ether (µg/m^3)	methyl t-butyl ether Acute Hazard	naphthalene (µg/m^3)	naphthalene Acute Hazard	phenol (µg/m^3)	phenol Acute Hazard	propylene (µg/m^3)	propylene Acute Hazard
131	370381	3757991	School	2.59E-01	NA	2.40E-02	7.48E-06	1.92E-02	6.87E-07	2.09E-01	1.61E-05	8.15E-03	NA	4.96E-02	NA	3.73E-02	6.44E-06	5.98E-01	NA
132	370435	3758019	School	2.52E-01	NA	2.32E-02	7.24E-06	1.88E-02	6.71E-07	2.10E-01	1.61E-05	8.10E-03	NA	4.88E-02	NA	3.67E-02	6.33E-06	5.95E-01	NA
133	370499	3758050	School	2.44E-01	NA	2.23E-02	6.97E-06	1.83E-02	6.55E-07	2.11E-01	1.62E-05	8.10E-03	NA	4.81E-02	NA	3.61E-02	6.22E-06	5.94E-01	NA
134	370485	3758025	School	2.49E-01	NA	2.28E-02	7.12E-06	1.87E-02	6.69E-07	2.15E-01	1.66E-05	8.26E-03	NA	4.89E-02	NA	3.65E-02	6.30E-06	6.05E-01	NA
135	370481	3758086	School	2.37E-01	NA	2.18E-02	6.81E-06	1.77E-02	6.33E-07	1.99E-01	1.53E-05	7.69E-03	NA	4.67E-02	NA	3.54E-02	6.11E-06	5.68E-01	NA
305	369787	3755242	School	3.82E-01	NA	3.38E-02	1.06E-05	3.05E-02	1.09E-06	4.18E-01	3.22E-05	1.56E-02	NA	7.37E-02	NA	4.80E-02	8.27E-06	1.04E+00	NA
379	370299	3758078	School	2.35E-01	NA	2.18E-02	6.80E-06	1.74E-02	6.20E-07	1.85E-01	1.42E-05	7.48E-03	NA	4.60E-02	NA	3.56E-02	6.13E-06	5.44E-01	NA
380	370298	3757963	School	2.68E-01	NA	2.48E-02	7.75E-06	1.98E-02	7.07E-07	2.12E-01	1.63E-05	8.40E-03	NA	5.06E-02	NA	3.79E-02	6.54E-06	6.07E-01	NA
381	370382	3757966	School	2.65E-01	NA	2.45E-02	7.64E-06	1.97E-02	7.03E-07	2.16E-01	1.66E-05	8.34E-03	NA	5.06E-02	NA	3.78E-02	6.52E-06	6.13E-01	NA
382	370510	3758027	School	2.47E-01	NA	2.26E-02	7.05E-06	1.87E-02	6.68E-07	2.19E-01	1.68E-05	8.36E-03	NA	4.89E-02	NA	3.64E-02	6.28E-06	6.11E-01	NA
383	370506	3758088	School	2.36E-01	NA	2.17E-02	6.78E-06	1.77E-02	6.34E-07	2.02E-01	1.55E-05	7.78E-03	NA	4.68E-02	NA	3.54E-02	6.10E-06	5.73E-01	NA
445	369787	3755267	School	3.85E-01	NA	3.41E-02	1.06E-05	3.08E-02	1.10E-06	4.24E-01	3.26E-05	1.56E-02	NA	7.49E-02	NA	4.90E-02	8.44E-06	1.05E+00	NA

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
			CalEPA Acute REL		21000		37000		22000		22000		22000		22000
29	370479	3756654	Commercial	4.94E-02	2.35E-06	1.85E+00	5.00E-05	4.13E-01	1.88E-05	2.18E-01	9.90E-06	6.34E-02	2.88E-06	6.94E-01	3.15E-05
141	370911	3758089	Commercial	2.94E-02	1.40E-06	9.77E-01	2.64E-05	1.85E-01	8.40E-06	9.95E-02	4.52E-06	3.17E-02	1.44E-06	3.16E-01	1.44E-05
142	370911	3757976	Commercial	3.12E-02	1.49E-06	1.03E+00	2.79E-05	1.92E-01	8.71E-06	1.03E-01	4.70E-06	3.33E-02	1.52E-06	3.28E-01	1.49E-05
143	370911	3757863	Commercial	3.01E-02	1.43E-06	1.04E+00	2.81E-05	1.64E-01	7.47E-06	8.99E-02	4.09E-06	3.06E-02	1.39E-06	2.85E-01	1.30E-05
144	370910	3757751	Commercial	3.11E-02	1.48E-06	1.10E+00	2.96E-05	1.64E-01	7.47E-06	9.03E-02	4.10E-06	3.13E-02	1.42E-06	2.86E-01	1.30E-05
145	370930	3757712	Commercial	3.15E-02	1.50E-06	1.11E+00	2.99E-05	1.66E-01	7.54E-06	9.12E-02	4.14E-06	3.17E-02	1.44E-06	2.89E-01	1.31E-05
146	370961	3757689	Commercial	3.14E-02	1.49E-06	1.10E+00	2.97E-05	1.66E-01	7.52E-06	9.09E-02	4.13E-06	3.15E-02	1.43E-06	2.88E-01	1.31E-05
147	371046	3757693	Commercial	3.03E-02	1.44E-06	1.06E+00	2.86E-05	1.62E-01	7.37E-06	8.88E-02	4.04E-06	3.06E-02	1.39E-06	2.81E-01	1.28E-05
148	371071	3757668	Commercial	3.04E-02	1.45E-06	1.06E+00	2.86E-05	1.65E-01	7.52E-06	9.05E-02	4.11E-06	3.09E-02	1.40E-06	2.87E-01	1.30E-05
149	371071	3757585	Commercial	3.22E-02	1.53E-06	1.09E+00	2.95E-05	1.81E-01	8.23E-06	9.87E-02	4.49E-06	3.31E-02	1.51E-06	3.13E-01	1.42E-05
150	371047	3757610	Commercial	3.17E-02	1.51E-06	1.09E+00	2.96E-05	1.76E-01	8.02E-06	9.63E-02	4.38E-06	3.25E-02	1.48E-06	3.05E-01	1.39E-05
151	371122	3757609	Commercial	3.11E-02	1.48E-06	1.06E+00	2.86E-05	1.76E-01	8.00E-06	9.59E-02	4.36E-06	3.22E-02	1.46E-06	3.04E-01	1.38E-05
152	371099	3757595	Commercial	3.17E-02	1.51E-06	1.07E+00	2.90E-05	1.79E-01	8.12E-06	9.74E-02	4.43E-06	3.27E-02	1.49E-06	3.09E-01	1.40E-05
153	371135	3757663	Commercial	2.98E-02	1.42E-06	1.03E+00	2.80E-05	1.66E-01	7.56E-06	9.08E-02	4.13E-06	3.07E-02	1.39E-06	2.88E-01	1.31E-05
168	371995	3757843	Commercial	2.11E-02	1.00E-06	6.69E-01	1.81E-05	1.22E-01	5.54E-06	6.63E-02	3.01E-06	2.19E-02	9.94E-07	2.10E-01	9.54E-06
169	371969	3757867	Commercial	2.11E-02	1.01E-06	6.81E-01	1.84E-05	1.22E-01	5.56E-06	6.66E-02	3.03E-06	2.20E-02	9.98E-07	2.11E-01	9.59E-06
170	372023	3757868	Commercial	2.08E-02	9.89E-07	6.63E-01	1.79E-05	1.20E-01	5.45E-06	6.53E-02	2.97E-06	2.15E-02	9.79E-07	2.07E-01	9.40E-06
171	372048	3757843	Commercial	2.07E-02	9.87E-07	6.50E-01	1.76E-05	1.19E-01	5.42E-06	6.49E-02	2.95E-06	2.14E-02	9.73E-07	2.06E-01	9.34E-06
172	372047	3757746	Commercial	2.10E-02	1.00E-06	6.31E-01	1.71E-05	1.20E-01	5.44E-06	6.53E-02	2.97E-06	2.15E-02	9.78E-07	2.06E-01	9.38E-06
173	372046	3757649	Commercial	2.10E-02	1.00E-06	6.04E-01	1.63E-05	1.18E-01	5.38E-06	6.46E-02	2.94E-06	2.13E-02	9.68E-07	2.04E-01	9.28E-06
174	372045	3757551	Commercial	2.07E-02	9.84E-07	5.96E-01	1.61E-05	1.15E-01	5.24E-06	6.31E-02	2.87E-06	2.09E-02	9.48E-07	1.99E-01	9.06E-06
175	372041	3757448	Commercial	2.01E-02	9.55E-07	6.16E-01	1.66E-05	1.11E-01	5.04E-06	6.06E-02	2.76E-06	2.03E-02	9.22E-07	1.92E-01	8.72E-06
176	372036	3757345	Commercial	1.95E-02	9.30E-07	6.27E-01	1.70E-05	1.05E-01	4.77E-06	5.75E-02	2.61E-06	1.96E-02	8.90E-07	1.82E-01	8.27E-06
177	372032	3757242	Commercial	1.98E-02	9.43E-07	6.53E-01	1.76E-05	1.07E-01	4.88E-06	5.87E-02	2.67E-06	2.00E-02	9.07E-07	1.86E-01	8.46E-06
178	372027	3757139	Commercial	2.06E-02	9.79E-07	6.87E-01	1.86E-05	1.17E-01	5.30E-06	6.35E-02	2.89E-06	2.12E-02	9.64E-07	2.01E-01	9.15E-06
179	372003	3757115	Commercial	2.08E-02	9.93E-07	6.99E-01	1.89E-05	1.19E-01	5.43E-06	6.50E-02	2.95E-06	2.16E-02	9.83E-07	2.06E-01	9.36E-06
180	371881	3757114	Commercial	2.17E-02	1.03E-06	7.31E-01	1.97E-05	1.24E-01	5.65E-06	6.77E-02	3.08E-06	2.25E-02	1.02E-06	2.15E-01	9.75E-06
181	371758	3757113	Commercial	2.26E-02	1.08E-06	7.64E-01	2.06E-05	1.30E-01	5.89E-06	7.06E-02	3.21E-06	2.35E-02	1.07E-06	2.24E-01	1.02E-05
182	371636	3757112	Commercial	2.36E-02	1.13E-06	8.00E-01	2.16E-05	1.35E-01	6.15E-06	7.36E-02	3.35E-06	2.45E-02	1.12E-06	2.33E-01	1.06E-05
183	371514	3757111	Commercial	2.48E-02	1.18E-06	8.40E-01	2.27E-05	1.41E-01	6.43E-06	7.70E-02	3.50E-06	2.57E-02	1.17E-06	2.44E-01	1.11E-05
184	371394	3757110	Commercial	2.67E-02	1.27E-06	8.98E-01	2.43E-05	1.54E-01	7.01E-06	8.40E-02	3.82E-06	2.79E-02	1.27E-06	2.66E-01	1.21E-05
185	371275	3757110	Commercial	2.93E-02	1.40E-06	9.74E-01	2.63E-05	1.73E-01	7.88E-06	9.43E-02	4.28E-06	3.10E-02	1.41E-06	2.99E-01	1.36E-05
186	371155	3757109	Commercial	3.25E-02	1.55E-06	1.06E+00	2.87E-05	1.96E-01	8.92E-06	1.06E-01	4.84E-06	3.46E-02	1.57E-06	3.37E-01	1.53E-05
187	371035	3757108	Commercial	3.62E-02	1.72E-06	1.16E+00	3.14E-05	2.23E-01	1.01E-05	1.21E-01	5.48E-06	3.88E-02	1.77E-06	3.82E-01	1.74E-05
188	371060	3757133	Commercial	3.58E-02	1.71E-06	1.14E+00	3.07E-05	2.19E-01	9.96E-06	1.19E-01	5.40E-06	3.83E-02	1.74E-06	3.76E-01	1.71E-05
189	371059	3757085	Commercial	3.52E-02	1.68E-06	1.14E+00	3.08E-05	2.15E-01	9.76E-06	1.16E-01	5.29E-06	3.76E-02	1.71E-06	3.69E-01	1.68E-05
190	371034	3757060	Commercial	3.58E-02	1.70E-06	1.16E+00	3.14E-05	2.18E-01	9.91E-06	1.18E-01	5.37E-06	3.82E-02	1.74E-06	3.74E-01	1.70E-05
191	370944	3757061	Commercial	3.91E-02	1.86E-06	1.25E+00	3.38E-05	2.42E-01	1.10E-05	1.31E-01	5.95E-06	4.20E-02	1.91E-06	4.15E-01	1.88E-05
192	370854	3757061	Commercial	4.28E-02	2.04E-06	1.35E+00	3.65E-05	2.69E-01	1.22E-05	1.45E-01	6.60E-06	4.63E-02	2.10E-06	4.60E-01	2.09E-05
193	370764	3757062	Commercial	4.68E-02	2.23E-06	1.46E+00	3.95E-05	2.99E-01	1.36E-05	1.62E-01	7.34E-06	5.10E-02	2.32E-06	5.12E-01	2.33E-05
194	370789	3757086	Commercial	4.59E-02	2.18E-06	1.42E+00	3.83E-05	2.90E-01	1.32E-05	1.57E-01	7.13E-06	4.97E-02	2.26E-06	4.97E-01	2.26E-05
195	370786	3756996	Commercial	4.46E-02	2.12E-06	1.44E+00	3.89E-05	2.87E-01	1.30E-05	1.55E-01	7.03E-06	4.90E-02	2.23E-06	4.91E-01	2.23E-05
196	370782	3756907	Commercial	4.14E-02	1.97E-06	1.41E+00	3.81E-05	2.70E-01	1.23E-05	1.46E-01	6.62E-06	4.61E-02	2.10E-06	4.62E-01	2.10E-05
197	370779	3756817	Commercial	3.92E-02	1.87E-06	1.41E+00	3.81E-05	2.75E-01	1.25E-05	1.47E-01	6.68E-06	4.55E-02	2.07E-06	4.67E-01	2.12E-05
198	370755	3756843	Commercial	4.01E-02	1.91E-06	1.43E+00	3.87E-05	2.76E-01	1.25E-05	1.48E-01	6.72E-06	4.60E-02	2.09E-06	4.70E-01	2.14E-05
199	370847	3756839	Commercial	3.77E-02	1.80E-06	1.34E+00	3.61E-05	2.57E-01	1.17E-05	1.38E-01	6.25E-06	4.30E-02	1.96E-06	4.37E-01	1.99E-05
200	370940	3756836	Commercial	3.56E-02	1.69E-06	1.25E+00	3.39E-05	2.39E-01	1.09E-05	1.28E-01	5.84E-06	4.03E-02	1.83E-06	4.08E-01	1.85E-05
201	371032	3756832	Commercial	3.37E-02	1.60E-06	1.18E+00	3.18E-05	2.24E-01	1.02E-05	1.20E-01	5.47E-06	3.79E-02	1.72E-06	3.82E-01	1.74E-05
202	371056	3756809	Commercial	3.31E-02	1.58E-06	1.16E+00	3.13E-05	2.22E-01	1.01E-05	1.19E-01	5.42E-06	3.74E-02	1.70E-06	3.79E-01	1.72E-05
203	371058	3756782	Commercial	3.29E-02	1.56E-06	1.15E+00	3.11E-05	2.23E-01	1.01E-05	1.20E-01	5.44E-06	3.74E-02	1.70E-06	3.80E-01	1.73E-05
204	371034	3756805	Commercial	3.35E-02	1.59E-06	1.17E+00	3.17E-05	2.26E-01	1.03E-05	1.21E-01	5.51E-06	3.80E-02	1.73E-06	3.85E-01	1.75E-05
205	371146	3756803	Commercial	3.15E-02	1.50E-06	1.09E+00	2.95E-05	2.09E-01	9.48E-06	1.12E-01	5.10E-06	3.53E-02	1.61E-06	3.56E-01	1.62E-05
206	371259	3756800	Commercial	2.97E-02	1.42E-06	1.02E+00	2.76E-05	1.94E-01	8.81E-06	1.04E-01	4.74E-06	3.31E-02	1.50E-06	3.31E-01	1.51E-05
207	371371	3756798	Commercial	2.83E-02	1.35E-06	9.70E-01	2.62E-05	1.82E-01	8.27E-06	9.80E-02	4.46E-06	3.12E-02	1.42E-06	3.11E-01	1.41E-05

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
208	371484	3756795	Commercial	2.70E-02	1.29E-06	9.26E-01	2.50E-05	1.72E-01	7.81E-06	9.26E-02	4.21E-06	2.96E-02	1.35E-06	2.94E-01	1.34E-05
209	371595	3756793	Commercial	2.58E-02	1.23E-06	8.81E-01	2.38E-05	1.63E-01	7.39E-06	8.78E-02	3.99E-06	2.82E-02	1.28E-06	2.79E-01	1.27E-05
210	371706	3756791	Commercial	2.47E-02	1.18E-06	8.36E-01	2.26E-05	1.54E-01	6.99E-06	8.31E-02	3.78E-06	2.68E-02	1.22E-06	2.64E-01	1.20E-05
211	371818	3756788	Commercial	2.37E-02	1.13E-06	7.91E-01	2.14E-05	1.45E-01	6.61E-06	7.86E-02	3.57E-06	2.54E-02	1.16E-06	2.49E-01	1.13E-05
212	371932	3756786	Commercial	2.27E-02	1.08E-06	7.47E-01	2.02E-05	1.37E-01	6.24E-06	7.43E-02	3.38E-06	2.41E-02	1.10E-06	2.36E-01	1.07E-05
213	372046	3756783	Commercial	2.17E-02	1.03E-06	7.06E-01	1.91E-05	1.30E-01	5.89E-06	7.02E-02	3.19E-06	2.29E-02	1.04E-06	2.23E-01	1.01E-05
214	372161	3756780	Commercial	2.09E-02	9.96E-07	6.67E-01	1.80E-05	1.22E-01	5.56E-06	6.65E-02	3.02E-06	2.18E-02	9.92E-07	2.11E-01	9.58E-06
215	372275	3756778	Commercial	2.03E-02	9.67E-07	6.31E-01	1.71E-05	1.16E-01	5.27E-06	6.31E-02	2.87E-06	2.09E-02	9.48E-07	2.00E-01	9.09E-06
216	372385	3756776	Commercial	1.98E-02	9.43E-07	5.99E-01	1.62E-05	1.10E-01	5.01E-06	6.02E-02	2.74E-06	2.00E-02	9.10E-07	1.90E-01	8.65E-06
217	372494	3756773	Commercial	1.94E-02	9.23E-07	5.70E-01	1.54E-05	1.05E-01	4.77E-06	5.74E-02	2.61E-06	1.93E-02	8.76E-07	1.82E-01	8.25E-06
218	372604	3756771	Commercial	1.90E-02	9.06E-07	5.43E-01	1.47E-05	1.00E-01	4.55E-06	5.50E-02	2.50E-06	1.86E-02	8.46E-07	1.74E-01	7.89E-06
219	372714	3756768	Commercial	1.88E-02	8.96E-07	5.23E-01	1.41E-05	9.68E-02	4.40E-06	5.33E-02	2.42E-06	1.82E-02	8.25E-07	1.68E-01	7.65E-06
220	372738	3756742	Commercial	1.91E-02	9.07E-07	5.23E-01	1.41E-05	9.67E-02	4.39E-06	5.33E-02	2.42E-06	1.82E-02	8.29E-07	1.68E-01	7.65E-06
221	372733	3756647	Commercial	2.05E-02	9.76E-07	5.42E-01	1.46E-05	1.02E-01	4.62E-06	5.62E-02	2.55E-06	1.93E-02	8.78E-07	1.77E-01	8.06E-06
222	372820	3756574	Commercial	2.16E-02	1.03E-06	5.37E-01	1.45E-05	1.02E-01	4.65E-06	5.68E-02	2.58E-06	1.98E-02	8.99E-07	1.79E-01	8.14E-06
223	372844	3756548	Commercial	2.19E-02	1.04E-06	5.34E-01	1.44E-05	1.02E-01	4.63E-06	5.67E-02	2.58E-06	1.99E-02	9.03E-07	1.79E-01	8.11E-06
224	372839	3756454	Commercial	2.38E-02	1.13E-06	5.48E-01	1.48E-05	1.08E-01	4.92E-06	6.04E-02	2.75E-06	2.12E-02	9.65E-07	1.90E-01	8.63E-06
225	372821	3756363	Commercial	2.59E-02	1.23E-06	5.48E-01	1.48E-05	1.09E-01	4.97E-06	6.16E-02	2.80E-06	2.22E-02	1.01E-06	1.93E-01	8.78E-06
226	372796	3756343	Commercial	2.66E-02	1.27E-06	5.53E-01	1.49E-05	1.11E-01	5.03E-06	6.25E-02	2.84E-06	2.26E-02	1.03E-06	1.96E-01	8.89E-06
227	372731	3756328	Commercial	2.80E-02	1.33E-06	5.70E-01	1.54E-05	1.15E-01	5.24E-06	6.52E-02	2.96E-06	2.36E-02	1.07E-06	2.04E-01	9.28E-06
228	372707	3756352	Commercial	2.80E-02	1.33E-06	5.87E-01	1.59E-05	1.21E-01	5.51E-06	6.80E-02	3.09E-06	2.42E-02	1.10E-06	2.13E-01	9.70E-06
229	372928	3756344	Commercial	2.46E-02	1.17E-06	5.16E-01	1.39E-05	1.01E-01	4.57E-06	5.69E-02	2.59E-06	2.08E-02	9.45E-07	1.78E-01	8.10E-06
230	372952	3756319	Commercial	2.45E-02	1.17E-06	5.06E-01	1.37E-05	9.83E-02	4.47E-06	5.58E-02	2.54E-06	2.05E-02	9.33E-07	1.75E-01	7.94E-06
231	372951	3756245	Commercial	2.52E-02	1.20E-06	4.93E-01	1.33E-05	9.54E-02	4.34E-06	5.46E-02	2.48E-06	2.05E-02	9.31E-07	1.70E-01	7.75E-06
232	372927	3756270	Commercial	2.52E-02	1.20E-06	5.03E-01	1.36E-05	9.77E-02	4.44E-06	5.57E-02	2.53E-06	2.07E-02	9.42E-07	1.74E-01	7.91E-06
233	373033	3756268	Commercial	2.38E-02	1.13E-06	4.81E-01	1.30E-05	9.26E-02	4.21E-06	5.28E-02	2.40E-06	1.96E-02	8.92E-07	1.65E-01	7.50E-06
234	373139	3756266	Commercial	2.27E-02	1.08E-06	4.62E-01	1.25E-05	8.82E-02	4.01E-06	5.03E-02	2.29E-06	1.87E-02	8.51E-07	1.57E-01	7.15E-06
235	373245	3756264	Commercial	2.17E-02	1.03E-06	4.44E-01	1.20E-05	8.44E-02	3.83E-06	4.81E-02	2.19E-06	1.79E-02	8.15E-07	1.50E-01	6.83E-06
236	373351	3756262	Commercial	2.08E-02	9.92E-07	4.28E-01	1.16E-05	8.09E-02	3.68E-06	4.61E-02	2.10E-06	1.72E-02	7.82E-07	1.44E-01	6.56E-06
237	373457	3756261	Commercial	2.00E-02	9.53E-07	4.13E-01	1.12E-05	7.78E-02	3.54E-06	4.43E-02	2.02E-06	1.65E-02	7.52E-07	1.39E-01	6.30E-06
238	373482	3756235	Commercial	2.00E-02	9.54E-07	4.07E-01	1.10E-05	7.68E-02	3.49E-06	4.39E-02	1.99E-06	1.64E-02	7.47E-07	1.37E-01	6.23E-06
239	373480	3756123	Commercial	2.06E-02	9.79E-07	3.93E-01	1.06E-05	7.50E-02	3.41E-06	4.32E-02	1.96E-06	1.64E-02	7.48E-07	1.35E-01	6.12E-06
240	373479	3756010	Commercial	2.05E-02	9.74E-07	3.74E-01	1.01E-05	7.22E-02	3.28E-06	4.17E-02	1.90E-06	1.61E-02	7.31E-07	1.30E-01	5.91E-06
241	373477	3755897	Commercial	1.97E-02	9.40E-07	3.50E-01	9.46E-06	6.86E-02	3.12E-06	3.98E-02	1.81E-06	1.54E-02	6.99E-07	1.24E-01	5.63E-06
242	373476	3755785	Commercial	2.01E-02	9.57E-07	3.27E-01	8.84E-06	6.52E-02	2.96E-06	3.82E-02	1.74E-06	1.51E-02	6.88E-07	1.19E-01	5.39E-06
243	373474	3755672	Commercial	1.98E-02	9.45E-07	3.02E-01	8.15E-06	6.13E-02	2.79E-06	3.62E-02	1.65E-06	1.46E-02	6.63E-07	1.12E-01	5.09E-06
244	373473	3755559	Commercial	1.90E-02	9.07E-07	2.74E-01	7.41E-06	5.69E-02	2.58E-06	3.38E-02	1.54E-06	1.38E-02	6.26E-07	1.04E-01	4.75E-06
245	373447	3755535	Commercial	1.89E-02	9.02E-07	2.69E-01	7.28E-06	5.62E-02	2.55E-06	3.34E-02	1.52E-06	1.37E-02	6.21E-07	1.03E-01	4.70E-06
246	373334	3755539	Commercial	1.97E-02	9.38E-07	2.77E-01	7.48E-06	5.81E-02	2.64E-06	3.46E-02	1.57E-06	1.42E-02	6.44E-07	1.07E-01	4.86E-06
247	373221	3755544	Commercial	2.05E-02	9.76E-07	2.85E-01	7.69E-06	6.02E-02	2.74E-06	3.59E-02	1.63E-06	1.47E-02	6.68E-07	1.11E-01	5.04E-06
248	373197	3755568	Commercial	2.10E-02	1.00E-06	2.93E-01	7.92E-06	6.18E-02	2.81E-06	3.68E-02	1.67E-06	1.51E-02	6.85E-07	1.14E-01	5.17E-06
249	373196	3755636	Commercial	2.19E-02	1.04E-06	3.12E-01	8.44E-06	6.48E-02	2.95E-06	3.86E-02	1.75E-06	1.58E-02	7.17E-07	1.19E-01	5.42E-06
250	373194	3755705	Commercial	2.25E-02	1.07E-06	3.31E-01	8.94E-06	6.77E-02	3.08E-06	4.02E-02	1.83E-06	1.63E-02	7.43E-07	1.24E-01	5.64E-06
251	373220	3755680	Commercial	2.21E-02	1.05E-06	3.22E-01	8.71E-06	6.62E-02	3.01E-06	3.93E-02	1.79E-06	1.60E-02	7.28E-07	1.22E-01	5.52E-06
252	373135	3755679	Commercial	2.29E-02	1.09E-06	3.29E-01	8.88E-06	6.78E-02	3.08E-06	4.04E-02	1.83E-06	1.65E-02	7.50E-07	1.25E-01	5.67E-06
253	373160	3755704	Commercial	2.28E-02	1.09E-06	3.33E-01	9.01E-06	6.83E-02	3.11E-06	4.06E-02	1.85E-06	1.66E-02	7.52E-07	1.25E-01	5.70E-06
254	373158	3755635	Commercial	2.22E-02	1.06E-06	3.15E-01	8.50E-06	6.55E-02	2.98E-06	3.90E-02	1.77E-06	1.60E-02	7.26E-07	1.20E-01	5.48E-06
255	373156	3755566	Commercial	2.13E-02	1.01E-06	2.95E-01	7.97E-06	6.24E-02	2.84E-06	3.72E-02	1.69E-06	1.52E-02	6.93E-07	1.15E-01	5.22E-06
256	373132	3755542	Commercial	2.10E-02	1.00E-06	2.89E-01	7.82E-06	6.17E-02	2.80E-06	3.68E-02	1.67E-06	1.51E-02	6.85E-07	1.14E-01	5.16E-06
257	373055	3755538	Commercial	2.15E-02	1.02E-06	2.93E-01	7.92E-06	6.29E-02	2.86E-06	3.75E-02	1.71E-06	1.54E-02	6.98E-07	1.16E-01	5.26E-06
258	373079	3755562	Commercial	2.18E-02	1.04E-06	2.99E-01	8.08E-06	6.37E-02	2.89E-06	3.80E-02	1.73E-06	1.56E-02	7.08E-07	1.17E-01	5.33E-06
259	373077	3755465	Commercial	2.04E-02	9.73E-07	2.71E-01	7.31E-06	5.90E-02	2.68E-06	3.53E-02	1.60E-06	1.45E-02	6.59E-07	1.09E-01	4.94E-06
260	373075	3755368	Commercial	1.99E-02	9.46E-07	2.50E-01	6.75E-06	5.44E-02	2.47E-06	3.28E-02	1.49E-06	1.38E-02	6.27E-07	1.01E-01	4.59E-06
261	373073	3755271	Commercial	1.90E-02	9.05E-07	2.43E-01	6.57E-06	4.95E-02	2.25E-06	3.02E-02	1.37E-06	1.30E-02	5.90E-07	9.27E-02	4.21E-06
262	373071	3755174	Commercial	1.81E-02	8.61E-07	2.37E-01	6.41E-06	4.54E-02	2.07E-06	2.79E-02	1.27E-06	1.22E-02	5.56E-07	8.56E-02	3.89E-06

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
263	373046	3755149	Commercial	1.80E-02	8.59E-07	2.41E-01	6.51E-06	4.62E-02	2.10E-06	2.83E-02	1.29E-06	1.23E-02	5.60E-07	8.68E-02	3.95E-06
264	372939	3755150	Commercial	1.85E-02	8.80E-07	2.53E-01	6.83E-06	4.87E-02	2.22E-06	2.96E-02	1.35E-06	1.28E-02	5.80E-07	9.11E-02	4.14E-06
265	372832	3755151	Commercial	1.89E-02	9.01E-07	2.65E-01	7.17E-06	5.14E-02	2.34E-06	3.11E-02	1.41E-06	1.32E-02	6.01E-07	9.58E-02	4.35E-06
266	372725	3755152	Commercial	1.94E-02	9.22E-07	2.78E-01	7.52E-06	5.44E-02	2.47E-06	3.27E-02	1.49E-06	1.37E-02	6.23E-07	1.01E-01	4.58E-06
267	372623	3755157	Commercial	1.98E-02	9.44E-07	2.91E-01	7.87E-06	5.74E-02	2.61E-06	3.43E-02	1.56E-06	1.42E-02	6.46E-07	1.06E-01	4.81E-06
268	372527	3755158	Commercial	2.02E-02	9.63E-07	3.04E-01	8.22E-06	6.05E-02	2.75E-06	3.60E-02	1.63E-06	1.47E-02	6.68E-07	1.11E-01	5.05E-06
269	372431	3755159	Commercial	2.07E-02	9.84E-07	3.18E-01	8.60E-06	6.41E-02	2.91E-06	3.78E-02	1.72E-06	1.52E-02	6.92E-07	1.17E-01	5.32E-06
270	372334	3755160	Commercial	2.11E-02	1.01E-06	3.33E-01	9.01E-06	6.82E-02	3.10E-06	4.00E-02	1.82E-06	1.58E-02	7.20E-07	1.24E-01	5.64E-06
271	372237	3755161	Commercial	2.16E-02	1.03E-06	3.50E-01	9.46E-06	7.30E-02	3.32E-06	4.25E-02	1.93E-06	1.65E-02	7.51E-07	1.32E-01	6.00E-06
272	372139	3755161	Commercial	2.22E-02	1.06E-06	3.70E-01	9.99E-06	7.91E-02	3.60E-06	4.56E-02	2.07E-06	1.74E-02	7.89E-07	1.42E-01	6.46E-06
273	372040	3755162	Commercial	2.29E-02	1.09E-06	3.93E-01	1.06E-05	8.69E-02	3.95E-06	4.97E-02	2.26E-06	1.84E-02	8.37E-07	1.55E-01	7.04E-06
274	371941	3755163	Commercial	2.39E-02	1.14E-06	4.23E-01	1.14E-05	9.74E-02	4.43E-06	5.51E-02	2.50E-06	1.98E-02	9.00E-07	1.72E-01	7.83E-06
275	371843	3755164	Commercial	2.51E-02	1.20E-06	4.62E-01	1.25E-05	1.12E-01	5.09E-06	6.26E-02	2.85E-06	2.17E-02	9.86E-07	1.96E-01	8.93E-06
276	371748	3755165	Commercial	2.68E-02	1.27E-06	5.11E-01	1.38E-05	1.32E-01	5.99E-06	7.27E-02	3.30E-06	2.42E-02	1.10E-06	2.29E-01	1.04E-05
277	371653	3755165	Commercial	2.87E-02	1.37E-06	5.70E-01	1.54E-05	1.55E-01	7.06E-06	8.47E-02	3.85E-06	2.73E-02	1.24E-06	2.67E-01	1.21E-05
278	371558	3755166	Commercial	4.19E-02	2.00E-06	9.27E-01	2.51E-05	3.11E-01	1.41E-05	1.64E-01	7.47E-06	4.72E-02	2.14E-06	5.22E-01	2.37E-05
279	371463	3755167	Commercial	4.54E-02	2.16E-06	1.02E+00	2.75E-05	3.48E-01	1.58E-05	1.84E-01	8.35E-06	5.22E-02	2.37E-06	5.84E-01	2.65E-05
280	371359	3755168	Commercial	5.26E-02	2.51E-06	1.21E+00	3.26E-05	4.29E-01	1.95E-05	2.25E-01	1.02E-05	6.28E-02	2.85E-06	7.17E-01	3.26E-05
281	371256	3755169	Commercial	4.30E-02	2.05E-06	9.43E-01	2.55E-05	3.12E-01	1.42E-05	1.65E-01	7.51E-06	4.77E-02	2.17E-06	5.24E-01	2.38E-05
282	371152	3755170	Commercial	3.29E-02	1.57E-06	6.66E-01	1.80E-05	1.89E-01	8.57E-06	1.02E-01	4.64E-06	3.20E-02	1.46E-06	3.23E-01	1.47E-05
283	371049	3755171	Commercial	2.99E-02	1.43E-06	5.82E-01	1.57E-05	1.51E-01	6.85E-06	8.26E-02	3.75E-06	2.72E-02	1.24E-06	2.60E-01	1.18E-05
284	371024	3755197	Commercial	2.99E-02	1.42E-06	5.79E-01	1.56E-05	1.47E-01	6.67E-06	8.07E-02	3.67E-06	2.69E-02	1.22E-06	2.54E-01	1.16E-05
285	371028	3755273	Commercial	3.21E-02	1.53E-06	6.35E-01	1.72E-05	1.64E-01	7.46E-06	8.98E-02	4.08E-06	2.95E-02	1.34E-06	2.83E-01	1.29E-05
286	371031	3755350	Commercial	3.30E-02	1.57E-06	6.52E-01	1.76E-05	1.65E-01	7.50E-06	9.05E-02	4.12E-06	3.00E-02	1.36E-06	2.85E-01	1.30E-05
287	371020	3755376	Commercial	3.28E-02	1.56E-06	6.41E-01	1.73E-05	1.58E-01	7.18E-06	8.70E-02	3.96E-06	2.92E-02	1.33E-06	2.74E-01	1.25E-05
288	371018	3755470	Commercial	3.48E-02	1.66E-06	6.39E-01	1.73E-05	1.49E-01	6.77E-06	8.33E-02	3.79E-06	2.93E-02	1.33E-06	2.62E-01	1.19E-05
289	371017	3755556	Commercial	3.68E-02	1.75E-06	6.18E-01	1.67E-05	1.33E-01	6.06E-06	7.63E-02	3.47E-06	2.87E-02	1.30E-06	2.38E-01	1.08E-05
290	371040	3755532	Commercial	3.69E-02	1.76E-06	6.42E-01	1.73E-05	1.47E-01	6.67E-06	8.29E-02	3.77E-06	3.00E-02	1.36E-06	2.60E-01	1.18E-05
291	371026	3755420	Commercial	3.33E-02	1.59E-06	6.29E-01	1.70E-05	1.49E-01	6.77E-06	8.28E-02	3.77E-06	2.86E-02	1.30E-06	2.60E-01	1.18E-05
292	371016	3755399	Commercial	3.29E-02	1.57E-06	6.33E-01	1.71E-05	1.52E-01	6.90E-06	8.41E-02	3.82E-06	2.87E-02	1.31E-06	2.65E-01	1.20E-05
293	370916	3755327	Commercial	2.97E-02	1.41E-06	5.60E-01	1.51E-05	1.24E-01	5.63E-06	6.95E-02	3.16E-06	2.48E-02	1.13E-06	2.18E-01	9.91E-06
294	370816	3755255	Commercial	2.78E-02	1.33E-06	5.06E-01	1.37E-05	1.07E-01	4.86E-06	6.09E-02	2.77E-06	2.25E-02	1.02E-06	1.90E-01	8.64E-06
385	370885	3757751	Commercial	3.15E-02	1.50E-06	1.11E+00	2.99E-05	1.66E-01	7.55E-06	9.12E-02	4.14E-06	3.16E-02	1.44E-06	2.89E-01	1.31E-05
386	370907	3757702	Commercial	3.20E-02	1.53E-06	1.12E+00	3.04E-05	1.69E-01	7.67E-06	9.27E-02	4.21E-06	3.22E-02	1.46E-06	2.94E-01	1.33E-05
387	370945	3757670	Commercial	3.19E-02	1.52E-06	1.12E+00	3.02E-05	1.69E-01	7.67E-06	9.26E-02	4.21E-06	3.21E-02	1.46E-06	2.93E-01	1.33E-05
388	371046	3757668	Commercial	3.06E-02	1.46E-06	1.07E+00	2.89E-05	1.65E-01	7.51E-06	9.04E-02	4.11E-06	3.10E-02	1.41E-06	2.87E-01	1.30E-05
389	371046	3757585	Commercial	3.24E-02	1.54E-06	1.10E+00	2.99E-05	1.81E-01	8.24E-06	9.90E-02	4.50E-06	3.33E-02	1.51E-06	3.14E-01	1.43E-05
390	371122	3757584	Commercial	3.17E-02	1.51E-06	1.07E+00	2.88E-05	1.80E-01	8.19E-06	9.82E-02	4.46E-06	3.28E-02	1.49E-06	3.11E-01	1.41E-05
399	371970	3757842	Commercial	2.13E-02	1.01E-06	6.78E-01	1.83E-05	1.23E-01	5.59E-06	6.70E-02	3.04E-06	2.21E-02	1.00E-06	2.12E-01	9.64E-06
400	372023	3757843	Commercial	2.09E-02	9.95E-07	6.59E-01	1.78E-05	1.20E-01	5.47E-06	6.56E-02	2.98E-06	2.16E-02	9.83E-07	2.08E-01	9.44E-06
401	372020	3757552	Commercial	2.09E-02	9.97E-07	6.01E-01	1.63E-05	1.17E-01	5.33E-06	6.41E-02	2.91E-06	2.12E-02	9.62E-07	2.02E-01	9.20E-06
402	372002	3757140	Commercial	2.07E-02	9.86E-07	6.93E-01	1.87E-05	1.17E-01	5.33E-06	6.39E-02	2.91E-06	2.14E-02	9.71E-07	2.03E-01	9.21E-06
403	371514	3757136	Commercial	2.49E-02	1.19E-06	8.35E-01	2.26E-05	1.41E-01	6.40E-06	7.68E-02	3.49E-06	2.57E-02	1.17E-06	2.43E-01	1.11E-05
404	371035	3757133	Commercial	3.66E-02	1.74E-06	1.16E+00	3.13E-05	2.25E-01	1.02E-05	1.22E-01	5.54E-06	3.92E-02	1.78E-06	3.86E-01	1.75E-05
405	371034	3757085	Commercial	3.60E-02	1.72E-06	1.16E+00	3.14E-05	2.21E-01	1.00E-05	1.20E-01	5.44E-06	3.86E-02	1.75E-06	3.79E-01	1.72E-05
406	370764	3757087	Commercial	4.70E-02	2.24E-06	1.45E+00	3.92E-05	2.99E-01	1.36E-05	1.61E-01	7.33E-06	5.10E-02	2.32E-06	5.11E-01	2.32E-05
407	370754	3756818	Commercial	3.98E-02	1.89E-06	1.43E+00	3.87E-05	2.80E-01	1.27E-05	1.50E-01	6.80E-06	4.63E-02	2.10E-06	4.76E-01	2.16E-05
408	371031	3756807	Commercial	3.35E-02	1.60E-06	1.18E+00	3.18E-05	2.26E-01	1.03E-05	1.21E-01	5.52E-06	3.80E-02	1.73E-06	3.86E-01	1.75E-05
409	371033	3756780	Commercial	3.33E-02	1.59E-06	1.17E+00	3.16E-05	2.27E-01	1.03E-05	1.22E-01	5.54E-06	3.80E-02	1.73E-06	3.87E-01	1.76E-05
410	371483	3756770	Commercial	2.70E-02	1.29E-06	9.28E-01	2.51E-05	1.73E-01	7.85E-06	9.31E-02	4.23E-06	2.97E-02	1.35E-06	2.96E-01	1.34E-05
411	371817	3756763	Commercial	2.37E-02	1.13E-06	7.89E-01	2.13E-05	1.46E-01	6.62E-06	7.87E-02	3.58E-06	2.55E-02	1.16E-06	2.50E-01	1.14E-05
412	372274	3756753	Commercial	2.04E-02	9.72E-07	6.26E-01	1.69E-05	1.15E-01	5.25E-06	6.30E-02	2.86E-06	2.08E-02	9.47E-07	1.99E-01	9.06E-06
413	372713	3756743	Commercial	1.91E-02	9.07E-07	5.26E-01	1.42E-05	9.70E-02	4.41E-06	5.35E-02	2.43E-06	1.83E-02	8.31E-07	1.69E-01	7.67E-06
414	372703	3756553	Commercial	2.30E-02	1.10E-06	5.81E-01	1.57E-05	1.16E-01	5.27E-06	6.39E-02	2.91E-06	2.17E-02	9.86E-07	2.02E-01	9.16E-06
415	372819	3756549	Commercial	2.21E-02	1.05E-06	5.40E-01	1.46E-05	1.04E-01	4.71E-06	5.76E-02	2.62E-06	2.01E-02	9.14E-07	1.81E-01	8.25E-06

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
416	372814	3756455	Commercial	2.41E-02	1.15E-06	5.57E-01	1.50E-05	1.11E-01	5.05E-06	6.18E-02	2.81E-06	2.16E-02	9.84E-07	1.94E-01	8.84E-06
417	372797	3756368	Commercial	2.62E-02	1.25E-06	5.57E-01	1.51E-05	1.12E-01	5.09E-06	6.30E-02	2.86E-06	2.26E-02	1.03E-06	1.98E-01	8.98E-06
418	372705	3756372	Commercial	2.76E-02	1.31E-06	5.96E-01	1.61E-05	1.24E-01	5.65E-06	6.95E-02	3.16E-06	2.43E-02	1.11E-06	2.18E-01	9.92E-06
419	372706	3756327	Commercial	2.84E-02	1.35E-06	5.78E-01	1.56E-05	1.18E-01	5.34E-06	6.64E-02	3.02E-06	2.40E-02	1.09E-06	2.08E-01	9.45E-06
420	372927	3756319	Commercial	2.49E-02	1.19E-06	5.12E-01	1.38E-05	9.98E-02	4.54E-06	5.66E-02	2.57E-06	2.08E-02	9.46E-07	1.77E-01	8.06E-06
421	372926	3756245	Commercial	2.55E-02	1.21E-06	4.98E-01	1.35E-05	9.65E-02	4.39E-06	5.52E-02	2.51E-06	2.07E-02	9.42E-07	1.72E-01	7.84E-06
422	373457	3756236	Commercial	2.02E-02	9.63E-07	4.10E-01	1.11E-05	7.75E-02	3.52E-06	4.43E-02	2.01E-06	1.66E-02	7.54E-07	1.38E-01	6.29E-06
423	373448	3755560	Commercial	1.92E-02	9.14E-07	2.76E-01	7.45E-06	5.73E-02	2.60E-06	3.40E-02	1.55E-06	1.39E-02	6.31E-07	1.05E-01	4.78E-06
424	373222	3755569	Commercial	2.08E-02	9.92E-07	2.91E-01	7.88E-06	6.13E-02	2.79E-06	3.65E-02	1.66E-06	1.50E-02	6.80E-07	1.13E-01	5.13E-06
425	373219	3755705	Commercial	2.23E-02	1.06E-06	3.29E-01	8.89E-06	6.72E-02	3.05E-06	3.99E-02	1.81E-06	1.62E-02	7.36E-07	1.23E-01	5.60E-06
426	373135	3755704	Commercial	2.31E-02	1.10E-06	3.36E-01	9.07E-06	6.89E-02	3.13E-06	4.09E-02	1.86E-06	1.67E-02	7.60E-07	1.27E-01	5.75E-06
427	373131	3755567	Commercial	2.15E-02	1.02E-06	2.97E-01	8.02E-06	6.29E-02	2.86E-06	3.75E-02	1.70E-06	1.54E-02	6.99E-07	1.16E-01	5.26E-06
428	373054	3755563	Commercial	2.20E-02	1.05E-06	3.01E-01	8.13E-06	6.42E-02	2.92E-06	3.83E-02	1.74E-06	1.57E-02	7.14E-07	1.18E-01	5.37E-06
429	373046	3755174	Commercial	1.82E-02	8.66E-07	2.40E-01	6.48E-06	4.60E-02	2.09E-06	2.82E-02	1.28E-06	1.23E-02	5.61E-07	8.65E-02	3.93E-06
430	372725	3755177	Commercial	1.95E-02	9.31E-07	2.77E-01	7.49E-06	5.41E-02	2.46E-06	3.26E-02	1.48E-06	1.38E-02	6.25E-07	1.00E-01	4.56E-06
431	372624	3755182	Commercial	2.00E-02	9.53E-07	2.90E-01	7.85E-06	5.71E-02	2.59E-06	3.42E-02	1.55E-06	1.43E-02	6.48E-07	1.06E-01	4.80E-06
432	372238	3755186	Commercial	2.19E-02	1.04E-06	3.50E-01	9.46E-06	7.27E-02	3.31E-06	4.24E-02	1.93E-06	1.66E-02	7.55E-07	1.32E-01	5.99E-06
433	371843	3755189	Commercial	2.56E-02	1.22E-06	4.67E-01	1.26E-05	1.14E-01	5.17E-06	6.36E-02	2.89E-06	2.21E-02	1.00E-06	1.99E-01	9.06E-06
434	371463	3755192	Commercial	5.23E-02	2.49E-06	1.20E+00	3.24E-05	4.27E-01	1.94E-05	2.25E-01	1.02E-05	6.26E-02	2.84E-06	7.14E-01	3.25E-05
435	371049	3755196	Commercial	3.07E-02	1.46E-06	6.02E-01	1.63E-05	1.57E-01	7.13E-06	8.59E-02	3.91E-06	2.82E-02	1.28E-06	2.71E-01	1.23E-05
436	371056	3755349	Commercial	3.41E-02	1.62E-06	6.81E-01	1.84E-05	1.79E-01	8.12E-06	9.75E-02	4.43E-06	3.17E-02	1.44E-06	3.08E-01	1.40E-05
437	371043	3755384	Commercial	3.39E-02	1.61E-06	6.64E-01	1.80E-05	1.68E-01	7.63E-06	9.23E-02	4.19E-06	3.06E-02	1.39E-06	2.91E-01	1.32E-05
438	371042	3755556	Commercial	3.71E-02	1.77E-06	6.25E-01	1.69E-05	1.38E-01	6.26E-06	7.86E-02	3.57E-06	2.92E-02	1.33E-06	2.45E-01	1.12E-05
439	370996	3755560	Commercial	3.66E-02	1.74E-06	6.09E-01	1.65E-05	1.28E-01	5.82E-06	7.36E-02	3.35E-06	2.81E-02	1.28E-06	2.30E-01	1.04E-05
440	371001	3755419	Commercial	3.26E-02	1.55E-06	6.12E-01	1.65E-05	1.40E-01	6.38E-06	7.85E-02	3.57E-06	2.75E-02	1.25E-06	2.46E-01	1.12E-05
441	370801	3755276	Commercial	2.82E-02	1.34E-06	5.15E-01	1.39E-05	1.08E-01	4.90E-06	6.16E-02	2.80E-06	2.29E-02	1.04E-06	1.92E-01	8.75E-06
1	372249	3757612	Residence	1.90E-02	9.03E-07	5.40E-01	1.46E-05	1.03E-01	4.70E-06	5.66E-02	2.57E-06	1.89E-02	8.59E-07	1.79E-01	8.13E-06
2	372499	3757612	Residence	1.69E-02	8.04E-07	4.92E-01	1.33E-05	8.78E-02	3.99E-06	4.83E-02	2.20E-06	1.65E-02	7.49E-07	1.53E-01	6.94E-06
3	372249	3757862	Residence	1.93E-02	9.17E-07	5.84E-01	1.58E-05	1.09E-01	4.96E-06	5.95E-02	2.71E-06	1.97E-02	8.94E-07	1.88E-01	8.56E-06
4	372499	3757862	Residence	1.76E-02	8.36E-07	5.03E-01	1.36E-05	9.64E-02	4.38E-06	5.28E-02	2.40E-06	1.76E-02	7.98E-07	1.67E-01	7.58E-06
5	372249	3758112	Residence	1.83E-02	8.74E-07	6.10E-01	1.65E-05	1.06E-01	4.80E-06	5.74E-02	2.61E-06	1.91E-02	8.66E-07	1.82E-01	8.27E-06
6	372499	3758112	Residence	1.69E-02	8.07E-07	5.46E-01	1.47E-05	9.77E-02	4.44E-06	5.32E-02	2.42E-06	1.76E-02	7.98E-07	1.68E-01	7.66E-06
7	372249	3758362	Residence	1.72E-02	8.20E-07	5.89E-01	1.59E-05	9.48E-02	4.31E-06	5.18E-02	2.35E-06	1.76E-02	7.98E-07	1.64E-01	7.46E-06
8	372499	3758362	Residence	1.65E-02	7.84E-07	5.50E-01	1.49E-05	9.21E-02	4.19E-06	5.03E-02	2.28E-06	1.69E-02	7.67E-07	1.59E-01	7.24E-06
9	373793	3755335	Residence	1.52E-02	7.23E-07	2.07E-01	5.61E-06	4.37E-02	1.98E-06	2.61E-02	1.19E-06	1.08E-02	4.91E-07	8.06E-02	3.66E-06
10	374093	3755335	Residence	1.42E-02	6.78E-07	1.99E-01	5.38E-06	4.12E-02	1.87E-06	2.46E-02	1.12E-06	1.02E-02	4.62E-07	7.59E-02	3.45E-06
11	373793	3755710	Residence	1.77E-02	8.41E-07	2.88E-01	7.79E-06	5.75E-02	2.62E-06	3.37E-02	1.53E-06	1.33E-02	6.06E-07	1.05E-01	4.75E-06
12	374093	3755710	Residence	1.59E-02	7.55E-07	2.70E-01	7.29E-06	5.33E-02	2.42E-06	3.11E-02	1.41E-06	1.22E-02	5.52E-07	9.66E-02	4.39E-06
13	373793	3756085	Residence	1.82E-02	8.67E-07	3.54E-01	9.56E-06	6.73E-02	3.06E-06	3.87E-02	1.76E-06	1.47E-02	6.66E-07	1.21E-01	5.48E-06
14	374093	3756085	Residence	1.64E-02	7.82E-07	3.26E-01	8.82E-06	6.17E-02	2.80E-06	3.53E-02	1.61E-06	1.33E-02	6.06E-07	1.10E-01	5.02E-06
15	373793	3756460	Residence	1.63E-02	7.78E-07	3.78E-01	1.02E-05	6.89E-02	3.13E-06	3.88E-02	1.77E-06	1.41E-02	6.42E-07	1.22E-01	5.54E-06
16	374093	3756460	Residence	1.51E-02	7.20E-07	3.47E-01	9.38E-06	6.29E-02	2.86E-06	3.55E-02	1.61E-06	1.30E-02	5.90E-07	1.11E-01	5.06E-06
17	373793	3756835	Residence	1.52E-02	7.23E-07	3.71E-01	1.00E-05	6.91E-02	3.14E-06	3.86E-02	1.75E-06	1.36E-02	6.20E-07	1.21E-01	5.52E-06
18	374093	3756835	Residence	1.42E-02	6.77E-07	3.40E-01	9.20E-06	6.29E-02	2.86E-06	3.52E-02	1.60E-06	1.26E-02	5.73E-07	1.11E-01	5.03E-06
19	373793	3757210	Residence	1.39E-02	6.64E-07	3.94E-01	1.06E-05	6.91E-02	3.14E-06	3.82E-02	1.74E-06	1.32E-02	6.02E-07	1.21E-01	5.48E-06
20	374093	3757210	Residence	1.31E-02	6.25E-07	3.62E-01	9.80E-06	6.42E-02	2.92E-06	3.55E-02	1.62E-06	1.24E-02	5.61E-07	1.12E-01	5.10E-06
21	373793	3757585	Residence	1.26E-02	6.01E-07	3.67E-01	9.92E-06	6.06E-02	2.75E-06	3.36E-02	1.53E-06	1.18E-02	5.38E-07	1.06E-01	4.82E-06
22	374093	3757585	Residence	1.21E-02	5.78E-07	3.46E-01	9.36E-06	5.78E-02	2.63E-06	3.21E-02	1.46E-06	1.13E-02	5.15E-07	1.01E-01	4.60E-06
23	373793	3757960	Residence	1.14E-02	5.44E-07	3.04E-01	8.23E-06	5.00E-02	2.27E-06	2.80E-02	1.27E-06	1.02E-02	4.63E-07	8.82E-02	4.01E-06
24	374093	3757960	Residence	1.08E-02	5.14E-07	2.89E-01	7.82E-06	4.60E-02	2.09E-06	2.59E-02	1.18E-06	9.52E-03	4.33E-07	8.13E-02	3.70E-06
25	373793	3758335	Residence	1.18E-02	5.60E-07	3.08E-01	8.32E-06	5.90E-02	2.68E-06	3.26E-02	1.48E-06	1.11E-02	5.07E-07	1.03E-01	4.67E-06
26	374093	3758335	Residence	1.09E-02	5.20E-07	2.71E-01	7.32E-06	5.16E-02	2.35E-06	2.87E-02	1.31E-06	1.00E-02	4.55E-07	9.03E-02	4.11E-06
27	373793	3758710	Residence	1.17E-02	5.59E-07	3.55E-01	9.58E-06	6.33E-02	2.88E-06	3.47E-02	1.58E-06	1.17E-02	5.32E-07	1.10E-01	4.99E-06
28	374093	3758710	Residence	1.09E-02	5.19E-07	3.13E-01	8.47E-06	5.74E-02	2.61E-06	3.15E-02	1.43E-06	1.07E-02	4.85E-07	9.96E-02	4.53E-06
30	367278	3755614	Residence	3.45E-02	1.64E-06	1.39E+00	3.77E-05	2.52E-01	1.14E-05	1.34E-01	6.09E-06	4.14E-02	1.88E-06	4.27E-01	1.94E-05

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
31	367231	3755722	Residence	3.59E-02	1.71E-06	1.46E+00	3.95E-05	2.65E-01	1.20E-05	1.41E-01	6.40E-06	4.33E-02	1.97E-06	4.49E-01	2.04E-05
32	367185	3755830	Residence	3.66E-02	1.74E-06	1.47E+00	3.98E-05	2.69E-01	1.22E-05	1.43E-01	6.50E-06	4.41E-02	2.00E-06	4.56E-01	2.07E-05
33	367138	3755938	Residence	3.74E-02	1.78E-06	1.45E+00	3.93E-05	2.75E-01	1.25E-05	1.46E-01	6.65E-06	4.48E-02	2.04E-06	4.66E-01	2.12E-05
34	367091	3756047	Residence	3.64E-02	1.73E-06	1.43E+00	3.88E-05	2.57E-01	1.17E-05	1.37E-01	6.23E-06	4.27E-02	1.94E-06	4.36E-01	1.98E-05
35	367048	3756147	Residence	3.60E-02	1.72E-06	1.41E+00	3.82E-05	2.45E-01	1.11E-05	1.31E-01	5.95E-06	4.14E-02	1.88E-06	4.17E-01	1.90E-05
36	367005	3756247	Residence	3.49E-02	1.66E-06	1.34E+00	3.61E-05	2.22E-01	1.01E-05	1.19E-01	5.43E-06	3.87E-02	1.76E-06	3.80E-01	1.73E-05
37	366962	3756348	Residence	3.40E-02	1.62E-06	1.27E+00	3.44E-05	2.02E-01	9.19E-06	1.10E-01	4.98E-06	3.64E-02	1.65E-06	3.48E-01	1.58E-05
38	366918	3756450	Residence	3.34E-02	1.59E-06	1.23E+00	3.32E-05	1.86E-01	8.46E-06	1.01E-01	4.61E-06	3.45E-02	1.57E-06	3.22E-01	1.46E-05
39	366874	3756551	Residence	3.25E-02	1.55E-06	1.16E+00	3.14E-05	1.71E-01	7.79E-06	9.39E-02	4.27E-06	3.26E-02	1.48E-06	2.98E-01	1.35E-05
40	366830	3756653	Residence	3.19E-02	1.52E-06	1.11E+00	3.01E-05	1.59E-01	7.22E-06	8.76E-02	3.98E-06	3.11E-02	1.41E-06	2.78E-01	1.26E-05
41	366840	3756685	Residence	3.20E-02	1.52E-06	1.11E+00	3.00E-05	1.56E-01	7.11E-06	8.64E-02	3.93E-06	3.09E-02	1.40E-06	2.74E-01	1.24E-05
42	366890	3756714	Residence	3.26E-02	1.55E-06	1.13E+00	3.04E-05	1.56E-01	7.09E-06	8.64E-02	3.93E-06	3.11E-02	1.41E-06	2.73E-01	1.24E-05
43	366879	3756683	Residence	3.25E-02	1.55E-06	1.13E+00	3.05E-05	1.58E-01	7.20E-06	8.75E-02	3.98E-06	3.13E-02	1.42E-06	2.77E-01	1.26E-05
44	366852	3756751	Residence	3.18E-02	1.52E-06	1.10E+00	2.96E-05	1.51E-01	6.85E-06	8.36E-02	3.80E-06	3.03E-02	1.38E-06	2.65E-01	1.20E-05
45	366884	3756737	Residence	3.24E-02	1.54E-06	1.12E+00	3.02E-05	1.54E-01	6.98E-06	8.51E-02	3.87E-06	3.08E-02	1.40E-06	2.69E-01	1.22E-05
46	366821	3756715	Residence	3.16E-02	1.51E-06	1.09E+00	2.96E-05	1.53E-01	6.94E-06	8.45E-02	3.84E-06	3.03E-02	1.38E-06	2.68E-01	1.22E-05
47	366790	3756728	Residence	3.11E-02	1.48E-06	1.08E+00	2.91E-05	1.50E-01	6.82E-06	8.31E-02	3.78E-06	2.99E-02	1.36E-06	2.63E-01	1.20E-05
48	366745	3756823	Residence	3.00E-02	1.43E-06	1.02E+00	2.75E-05	1.39E-01	6.33E-06	7.74E-02	3.52E-06	2.82E-02	1.28E-06	2.45E-01	1.11E-05
49	366700	3756919	Residence	2.89E-02	1.38E-06	9.49E-01	2.56E-05	1.28E-01	5.83E-06	7.17E-02	3.26E-06	2.66E-02	1.21E-06	2.27E-01	1.03E-05
50	366655	3757014	Residence	2.82E-02	1.34E-06	8.85E-01	2.39E-05	1.24E-01	5.66E-06	6.96E-02	3.16E-06	2.57E-02	1.17E-06	2.20E-01	9.99E-06
51	366608	3757113	Residence	2.76E-02	1.32E-06	8.48E-01	2.29E-05	1.24E-01	5.62E-06	6.91E-02	3.14E-06	2.52E-02	1.15E-06	2.18E-01	9.91E-06
52	366561	3757212	Residence	2.70E-02	1.29E-06	8.66E-01	2.34E-05	1.24E-01	5.63E-06	6.89E-02	3.13E-06	2.51E-02	1.14E-06	2.18E-01	9.90E-06
53	366514	3757311	Residence	2.63E-02	1.25E-06	8.74E-01	2.36E-05	1.24E-01	5.62E-06	6.86E-02	3.12E-06	2.48E-02	1.13E-06	2.17E-01	9.86E-06
54	366464	3757416	Residence	2.55E-02	1.21E-06	8.72E-01	2.36E-05	1.23E-01	5.60E-06	6.82E-02	3.10E-06	2.44E-02	1.11E-06	2.16E-01	9.81E-06
55	366415	3757520	Residence	2.48E-02	1.18E-06	8.61E-01	2.33E-05	1.22E-01	5.56E-06	6.75E-02	3.07E-06	2.40E-02	1.09E-06	2.14E-01	9.72E-06
56	366434	3757556	Residence	2.50E-02	1.19E-06	8.67E-01	2.34E-05	1.23E-01	5.61E-06	6.81E-02	3.10E-06	2.42E-02	1.10E-06	2.16E-01	9.81E-06
57	366484	3757562	Residence	2.54E-02	1.21E-06	8.82E-01	2.38E-05	1.26E-01	5.71E-06	6.93E-02	3.15E-06	2.46E-02	1.12E-06	2.19E-01	9.97E-06
58	366567	3757525	Residence	2.62E-02	1.25E-06	9.12E-01	2.46E-05	1.29E-01	5.86E-06	7.12E-02	3.23E-06	2.53E-02	1.15E-06	2.25E-01	1.02E-05
59	366621	3757539	Residence	2.66E-02	1.27E-06	9.29E-01	2.51E-05	1.31E-01	5.98E-06	7.25E-02	3.30E-06	2.58E-02	1.17E-06	2.30E-01	1.04E-05
60	366646	3757556	Residence	2.67E-02	1.27E-06	9.35E-01	2.53E-05	1.33E-01	6.04E-06	7.32E-02	3.33E-06	2.60E-02	1.18E-06	2.32E-01	1.05E-05
61	366713	3757550	Residence	2.73E-02	1.30E-06	9.58E-01	2.59E-05	1.36E-01	6.18E-06	7.50E-02	3.41E-06	2.66E-02	1.21E-06	2.38E-01	1.08E-05
62	366779	3757545	Residence	2.78E-02	1.33E-06	9.82E-01	2.65E-05	1.39E-01	6.34E-06	7.68E-02	3.49E-06	2.72E-02	1.24E-06	2.43E-01	1.11E-05
63	366839	3757583	Residence	2.81E-02	1.34E-06	9.91E-01	2.68E-05	1.43E-01	6.51E-06	7.87E-02	3.58E-06	2.77E-02	1.26E-06	2.49E-01	1.13E-05
64	366913	3757623	Residence	2.87E-02	1.37E-06	1.00E+00	2.70E-05	1.49E-01	6.75E-06	8.15E-02	3.71E-06	2.84E-02	1.29E-06	2.58E-01	1.17E-05
65	366986	3757664	Residence	2.92E-02	1.39E-06	1.00E+00	2.71E-05	1.55E-01	7.06E-06	8.50E-02	3.86E-06	2.92E-02	1.33E-06	2.70E-01	1.23E-05
66	367074	3757713	Residence	2.99E-02	1.43E-06	1.01E+00	2.72E-05	1.66E-01	7.55E-06	9.05E-02	4.11E-06	3.04E-02	1.38E-06	2.87E-01	1.30E-05
67	367162	3757761	Residence	3.05E-02	1.45E-06	9.91E-01	2.68E-05	1.75E-01	7.96E-06	9.50E-02	4.32E-06	3.13E-02	1.42E-06	3.01E-01	1.37E-05
68	367300	3757718	Residence	3.52E-02	1.68E-06	1.13E+00	3.05E-05	2.22E-01	1.01E-05	1.20E-01	5.43E-06	3.79E-02	1.72E-06	3.80E-01	1.73E-05
69	367385	3757734	Residence	3.57E-02	1.70E-06	1.12E+00	3.03E-05	2.27E-01	1.03E-05	1.22E-01	5.53E-06	3.84E-02	1.74E-06	3.87E-01	1.76E-05
70	367398	3757758	Residence	3.34E-02	1.59E-06	1.04E+00	2.81E-05	2.01E-01	9.16E-06	1.09E-01	4.94E-06	3.50E-02	1.59E-06	3.45E-01	1.57E-05
71	367506	3757818	Residence	2.60E-02	1.24E-06	8.10E-01	2.19E-05	1.21E-01	5.48E-06	6.70E-02	3.05E-06	2.41E-02	1.10E-06	2.12E-01	9.63E-06
72	367533	3757826	Residence	2.56E-02	1.22E-06	8.19E-01	2.21E-05	1.17E-01	5.31E-06	6.51E-02	2.96E-06	2.37E-02	1.08E-06	2.06E-01	9.35E-06
73	367561	3757814	Residence	2.58E-02	1.23E-06	8.36E-01	2.26E-05	1.18E-01	5.37E-06	6.59E-02	3.00E-06	2.40E-02	1.09E-06	2.08E-01	9.46E-06
78	367786	3757842	Residence	2.49E-02	1.19E-06	9.37E-01	2.53E-05	1.07E-01	4.87E-06	6.01E-02	2.73E-06	2.30E-02	1.05E-06	1.90E-01	8.65E-06
79	367782	3757935	Residence	2.42E-02	1.15E-06	9.25E-01	2.50E-05	1.08E-01	4.93E-06	6.04E-02	2.75E-06	2.28E-02	1.03E-06	1.92E-01	8.71E-06
80	367752	3757969	Residence	2.38E-02	1.13E-06	9.04E-01	2.44E-05	1.07E-01	4.84E-06	5.94E-02	2.70E-06	2.23E-02	1.02E-06	1.88E-01	8.56E-06
81	367775	3758021	Residence	2.36E-02	1.13E-06	9.08E-01	2.45E-05	1.10E-01	5.00E-06	6.10E-02	2.77E-06	2.26E-02	1.03E-06	1.94E-01	8.80E-06
82	367808	3758034	Residence	2.38E-02	1.13E-06	9.20E-01	2.49E-05	1.13E-01	5.13E-06	6.26E-02	2.84E-06	2.30E-02	1.04E-06	1.98E-01	9.02E-06
83	367866	3758009	Residence	2.43E-02	1.16E-06	9.54E-01	2.58E-05	1.18E-01	5.35E-06	6.51E-02	2.96E-06	2.38E-02	1.08E-06	2.07E-01	9.39E-06
84	367924	3757985	Residence	2.49E-02	1.19E-06	9.88E-01	2.67E-05	1.23E-01	5.58E-06	6.77E-02	3.08E-06	2.46E-02	1.12E-06	2.15E-01	9.78E-06
85	367938	3757954	Residence	2.52E-02	1.20E-06	1.01E+00	2.72E-05	1.24E-01	5.63E-06	6.84E-02	3.11E-06	2.49E-02	1.13E-06	2.17E-01	9.87E-06
86	367928	3757923	Residence	2.54E-02	1.21E-06	1.01E+00	2.74E-05	1.23E-01	5.57E-06	6.77E-02	3.08E-06	2.48E-02	1.13E-06	2.15E-01	9.78E-06
87	367915	3757953	Residence	2.51E-02	1.19E-06	9.96E-01	2.69E-05	1.22E-01	5.53E-06	6.72E-02	3.05E-06	2.45E-02	1.12E-06	2.13E-01	9.70E-06
88	368017	3757908	Residence	2.62E-02	1.25E-06	1.06E+00	2.87E-05	1.31E-01	5.97E-06	7.23E-02	3.28E-06	2.61E-02	1.19E-06	2.30E-01	1.04E-05
89	368119	3757863	Residence	2.74E-02	1.30E-06	1.13E+00	3.06E-05	1.42E-01	6.45E-06	7.79E-02	3.54E-06	2.78E-02	1.26E-06	2.48E-01	1.13E-05

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
90	368180	3757839	Residence	2.81E-02	1.34E-06	1.17E+00	3.17E-05	1.49E-01	6.76E-06	8.14E-02	3.70E-06	2.88E-02	1.31E-06	2.59E-01	1.18E-05
91	368242	3757814	Residence	2.89E-02	1.38E-06	1.27E+00	3.44E-05	1.57E-01	7.12E-06	8.55E-02	3.89E-06	3.02E-02	1.37E-06	2.72E-01	1.24E-05
92	368318	3757785	Residence	2.99E-02	1.42E-06	1.40E+00	3.79E-05	1.67E-01	7.57E-06	9.07E-02	4.12E-06	3.20E-02	1.45E-06	2.89E-01	1.32E-05
93	368407	3757788	Residence	3.05E-02	1.45E-06	1.55E+00	4.18E-05	1.77E-01	8.04E-06	9.59E-02	4.36E-06	3.37E-02	1.53E-06	3.06E-01	1.39E-05
94	368505	3757789	Residence	3.10E-02	1.48E-06	1.68E+00	4.53E-05	1.86E-01	8.46E-06	1.01E-01	4.57E-06	3.52E-02	1.60E-06	3.22E-01	1.46E-05
95	368603	3757790	Residence	3.13E-02	1.49E-06	1.75E+00	4.74E-05	1.92E-01	8.73E-06	1.04E-01	4.71E-06	3.62E-02	1.64E-06	3.32E-01	1.51E-05
96	368628	3757765	Residence	3.20E-02	1.52E-06	1.80E+00	4.88E-05	1.97E-01	8.96E-06	1.06E-01	4.83E-06	3.71E-02	1.68E-06	3.40E-01	1.55E-05
97	368676	3757781	Residence	3.19E-02	1.52E-06	1.78E+00	4.82E-05	1.96E-01	8.90E-06	1.06E-01	4.80E-06	3.68E-02	1.67E-06	3.38E-01	1.54E-05
98	368759	3757821	Residence	3.27E-02	1.56E-06	1.71E+00	4.63E-05	2.08E-01	9.44E-06	1.12E-01	5.08E-06	3.79E-02	1.72E-06	3.57E-01	1.62E-05
99	368839	3757872	Residence	3.38E-02	1.61E-06	1.65E+00	4.47E-05	2.24E-01	1.02E-05	1.20E-01	5.46E-06	3.97E-02	1.80E-06	3.83E-01	1.74E-05
100	368921	3757924	Residence	3.41E-02	1.63E-06	1.67E+00	4.53E-05	2.32E-01	1.06E-05	1.25E-01	5.66E-06	4.07E-02	1.85E-06	3.98E-01	1.81E-05
101	369004	3757976	Residence	3.35E-02	1.60E-06	1.61E+00	4.36E-05	2.30E-01	1.05E-05	1.23E-01	5.60E-06	4.01E-02	1.82E-06	3.93E-01	1.79E-05
102	369038	3757969	Residence	3.37E-02	1.60E-06	1.61E+00	4.36E-05	2.32E-01	1.05E-05	1.24E-01	5.64E-06	4.03E-02	1.83E-06	3.96E-01	1.80E-05
103	369101	3757878	Residence	3.59E-02	1.71E-06	1.72E+00	4.64E-05	2.51E-01	1.14E-05	1.34E-01	6.10E-06	4.33E-02	1.97E-06	4.28E-01	1.95E-05
104	369067	3757885	Residence	3.58E-02	1.70E-06	1.73E+00	4.68E-05	2.50E-01	1.13E-05	1.34E-01	6.07E-06	4.32E-02	1.96E-06	4.26E-01	1.94E-05
105	369139	3757930	Residence	3.43E-02	1.63E-06	1.58E+00	4.27E-05	2.35E-01	1.07E-05	1.26E-01	5.73E-06	4.08E-02	1.85E-06	4.02E-01	1.83E-05
106	369211	3757974	Residence	3.23E-02	1.54E-06	1.39E+00	3.77E-05	2.13E-01	9.67E-06	1.15E-01	5.21E-06	3.73E-02	1.69E-06	3.65E-01	1.66E-05
107	369243	3757968	Residence	3.19E-02	1.52E-06	1.34E+00	3.62E-05	2.08E-01	9.44E-06	1.12E-01	5.08E-06	3.65E-02	1.66E-06	3.56E-01	1.62E-05
108	369305	3757894	Residence	3.31E-02	1.58E-06	1.32E+00	3.56E-05	2.14E-01	9.71E-06	1.15E-01	5.24E-06	3.74E-02	1.70E-06	3.66E-01	1.66E-05
109	369366	3757820	Residence	3.57E-02	1.70E-06	1.31E+00	3.54E-05	2.35E-01	1.07E-05	1.27E-01	5.76E-06	4.04E-02	1.84E-06	4.02E-01	1.83E-05
110	369436	3757794	Residence	3.72E-02	1.77E-06	1.20E+00	3.26E-05	2.46E-01	1.12E-05	1.33E-01	6.03E-06	4.16E-02	1.89E-06	4.20E-01	1.91E-05
111	369435	3757760	Residence	3.82E-02	1.82E-06	1.25E+00	3.38E-05	2.54E-01	1.16E-05	1.37E-01	6.23E-06	4.30E-02	1.95E-06	4.34E-01	1.97E-05
112	369251	3758017	Residence	3.04E-02	1.45E-06	1.25E+00	3.39E-05	1.94E-01	8.80E-06	1.05E-01	4.75E-06	3.43E-02	1.56E-06	3.32E-01	1.51E-05
113	369344	3758083	Residence	2.98E-02	1.42E-06	1.06E+00	2.86E-05	1.89E-01	8.61E-06	1.02E-01	4.65E-06	3.29E-02	1.50E-06	3.25E-01	1.48E-05
114	369437	3758148	Residence	2.88E-02	1.37E-06	8.77E-01	2.37E-05	1.81E-01	8.21E-06	9.78E-02	4.44E-06	3.11E-02	1.41E-06	3.09E-01	1.41E-05
115	369429	3758218	Residence	2.76E-02	1.31E-06	8.41E-01	2.27E-05	1.71E-01	7.79E-06	9.29E-02	4.22E-06	2.97E-02	1.35E-06	2.94E-01	1.34E-05
116	369432	3758306	Residence	2.62E-02	1.25E-06	7.84E-01	2.12E-05	1.60E-01	7.29E-06	8.70E-02	3.96E-06	2.79E-02	1.27E-06	2.75E-01	1.25E-05
117	369435	3758395	Residence	2.49E-02	1.18E-06	7.34E-01	1.98E-05	1.51E-01	6.84E-06	8.18E-02	3.72E-06	2.63E-02	1.20E-06	2.59E-01	1.18E-05
118	369460	3758419	Residence	2.45E-02	1.16E-06	6.94E-01	1.88E-05	1.47E-01	6.67E-06	7.98E-02	3.63E-06	2.56E-02	1.17E-06	2.52E-01	1.15E-05
119	369558	3758419	Residence	2.40E-02	1.14E-06	6.46E-01	1.75E-05	1.39E-01	6.34E-06	7.60E-02	3.46E-06	2.46E-02	1.12E-06	2.40E-01	1.09E-05
120	369657	3758419	Residence	2.31E-02	1.10E-06	6.35E-01	1.72E-05	1.29E-01	5.86E-06	7.06E-02	3.21E-06	2.33E-02	1.06E-06	2.23E-01	1.01E-05
121	369755	3758419	Residence	2.19E-02	1.04E-06	6.08E-01	1.64E-05	1.16E-01	5.26E-06	6.37E-02	2.90E-06	2.15E-02	9.78E-07	2.01E-01	9.14E-06
122	369853	3758419	Residence	2.06E-02	9.80E-07	5.68E-01	1.53E-05	1.01E-01	4.61E-06	5.62E-02	2.55E-06	1.95E-02	8.86E-07	1.77E-01	8.05E-06
123	369878	3758394	Residence	2.05E-02	9.75E-07	5.65E-01	1.53E-05	9.92E-02	4.51E-06	5.51E-02	2.50E-06	1.92E-02	8.75E-07	1.74E-01	7.89E-06
124	369877	3758289	Residence	2.16E-02	1.03E-06	6.04E-01	1.63E-05	1.07E-01	4.87E-06	5.93E-02	2.69E-06	2.06E-02	9.34E-07	1.87E-01	8.49E-06
125	369876	3758183	Residence	2.30E-02	1.09E-06	6.48E-01	1.75E-05	1.17E-01	5.30E-06	6.44E-02	2.93E-06	2.21E-02	1.01E-06	2.03E-01	9.23E-06
126	369962	3758103	Residence	2.30E-02	1.10E-06	7.23E-01	1.95E-05	1.12E-01	5.10E-06	6.21E-02	2.82E-06	2.20E-02	9.98E-07	1.96E-01	8.92E-06
127	370075	3758103	Residence	2.18E-02	1.04E-06	7.59E-01	2.05E-05	9.54E-02	4.34E-06	5.35E-02	2.43E-06	2.01E-02	9.13E-07	1.69E-01	7.68E-06
128	370187	3758103	Residence	2.20E-02	1.05E-06	8.18E-01	2.21E-05	9.67E-02	4.39E-06	5.41E-02	2.46E-06	2.05E-02	9.33E-07	1.71E-01	7.79E-06
129	370299	3758103	Residence	2.19E-02	1.04E-06	8.48E-01	2.29E-05	9.51E-02	4.32E-06	5.31E-02	2.41E-06	2.03E-02	9.22E-07	1.68E-01	7.66E-06
136	370506	3758113	Residence	2.27E-02	1.08E-06	8.75E-01	2.37E-05	1.05E-01	4.76E-06	5.81E-02	2.64E-06	2.16E-02	9.83E-07	1.84E-01	8.38E-06
137	370601	3758113	Residence	2.31E-02	1.10E-06	8.76E-01	2.37E-05	1.11E-01	5.04E-06	6.14E-02	2.79E-06	2.24E-02	1.02E-06	1.95E-01	8.85E-06
138	370696	3758114	Residence	2.40E-02	1.14E-06	8.76E-01	2.37E-05	1.20E-01	5.47E-06	6.64E-02	3.02E-06	2.36E-02	1.07E-06	2.10E-01	9.56E-06
139	370791	3758114	Residence	2.63E-02	1.25E-06	9.09E-01	2.46E-05	1.48E-01	6.73E-06	8.06E-02	3.66E-06	2.70E-02	1.23E-06	2.56E-01	1.16E-05
140	370886	3758114	Residence	2.85E-02	1.36E-06	9.54E-01	2.58E-05	1.78E-01	8.07E-06	9.57E-02	4.35E-06	3.06E-02	1.39E-06	3.04E-01	1.38E-05
154	371170	3757732	Residence	2.84E-02	1.35E-06	9.93E-01	2.68E-05	1.55E-01	7.04E-06	8.47E-02	3.85E-06	2.89E-02	1.31E-06	2.69E-01	1.22E-05
155	371240	3757783	Residence	2.71E-02	1.29E-06	9.50E-01	2.57E-05	1.48E-01	6.72E-06	8.08E-02	3.67E-06	2.76E-02	1.25E-06	2.56E-01	1.16E-05
156	371264	3757808	Residence	2.66E-02	1.27E-06	9.33E-01	2.52E-05	1.45E-01	6.57E-06	7.91E-02	3.59E-06	2.70E-02	1.23E-06	2.51E-01	1.14E-05
157	371372	3757807	Residence	2.59E-02	1.23E-06	8.99E-01	2.43E-05	1.45E-01	6.57E-06	7.89E-02	3.58E-06	2.66E-02	1.21E-06	2.50E-01	1.14E-05
158	371385	3757827	Residence	2.56E-02	1.22E-06	8.90E-01	2.40E-05	1.42E-01	6.47E-06	7.76E-02	3.53E-06	2.63E-02	1.19E-06	2.46E-01	1.12E-05
159	371485	3757895	Residence	2.42E-02	1.15E-06	8.41E-01	2.27E-05	1.34E-01	6.11E-06	7.34E-02	3.33E-06	2.48E-02	1.13E-06	2.33E-01	1.06E-05
160	371585	3757964	Residence	2.29E-02	1.09E-06	7.97E-01	2.15E-05	1.27E-01	5.79E-06	6.95E-02	3.16E-06	2.35E-02	1.07E-06	2.20E-01	1.00E-05
161	371684	3758032	Residence	2.18E-02	1.04E-06	7.57E-01	2.04E-05	1.21E-01	5.49E-06	6.59E-02	3.00E-06	2.23E-02	1.01E-06	2.09E-01	9.50E-06
162	371784	3758101	Residence	2.07E-02	9.87E-07	7.19E-01	1.94E-05	1.15E-01	5.21E-06	6.26E-02	2.84E-06	2.12E-02	9.64E-07	1.98E-01	9.02E-06
163	371818	3758095	Residence	2.06E-02	9.83E-07	7.13E-01	1.93E-05	1.15E-01	5.22E-06	6.26E-02	2.85E-06	2.12E-02	9.62E-07	1.99E-01	9.02E-06

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
164	371873	3758022	Residence	2.09E-02	9.93E-07	7.12E-01	1.92E-05	1.19E-01	5.40E-06	6.47E-02	2.94E-06	2.16E-02	9.83E-07	2.05E-01	9.32E-06
165	371928	3757949	Residence	2.08E-02	9.90E-07	6.99E-01	1.89E-05	1.21E-01	5.50E-06	6.58E-02	2.99E-06	2.18E-02	9.89E-07	2.09E-01	9.48E-06
166	371969	3757946	Residence	2.05E-02	9.76E-07	6.86E-01	1.85E-05	1.20E-01	5.44E-06	6.51E-02	2.96E-06	2.15E-02	9.76E-07	2.06E-01	9.38E-06
167	371989	3757924	Residence	2.06E-02	9.80E-07	6.79E-01	1.83E-05	1.20E-01	5.45E-06	6.52E-02	2.96E-06	2.15E-02	9.77E-07	2.07E-01	9.39E-06
295	370737	3755244	Residence	2.94E-02	1.40E-06	5.42E-01	1.47E-05	1.23E-01	5.61E-06	6.99E-02	3.18E-06	2.50E-02	1.14E-06	2.18E-01	9.93E-06
296	370669	3755237	Residence	3.10E-02	1.47E-06	5.78E-01	1.56E-05	1.41E-01	6.39E-06	7.88E-02	3.58E-06	2.73E-02	1.24E-06	2.47E-01	1.12E-05
297	370571	3755237	Residence	3.34E-02	1.59E-06	6.35E-01	1.72E-05	1.67E-01	7.58E-06	9.25E-02	4.20E-06	3.09E-02	1.40E-06	2.90E-01	1.32E-05
298	370476	3755238	Residence	3.58E-02	1.70E-06	7.48E-01	2.02E-05	1.94E-01	8.80E-06	1.06E-01	4.84E-06	3.47E-02	1.58E-06	3.35E-01	1.52E-05
299	370380	3755238	Residence	3.80E-02	1.81E-06	8.78E-01	2.37E-05	2.19E-01	9.95E-06	1.20E-01	5.44E-06	3.84E-02	1.74E-06	3.77E-01	1.71E-05
300	370279	3755239	Residence	3.99E-02	1.90E-06	1.02E+00	2.75E-05	2.41E-01	1.10E-05	1.31E-01	5.96E-06	4.17E-02	1.89E-06	4.14E-01	1.88E-05
301	370177	3755240	Residence	4.12E-02	1.96E-06	1.15E+00	3.11E-05	2.55E-01	1.16E-05	1.38E-01	6.29E-06	4.40E-02	2.00E-06	4.38E-01	1.99E-05
302	370076	3755240	Residence	4.15E-02	1.97E-06	1.27E+00	3.42E-05	2.58E-01	1.17E-05	1.40E-01	6.35E-06	4.47E-02	2.03E-06	4.42E-01	2.01E-05
303	369979	3755241	Residence	4.06E-02	1.93E-06	1.36E+00	3.67E-05	2.48E-01	1.13E-05	1.35E-01	6.13E-06	4.38E-02	1.99E-06	4.27E-01	1.94E-05
304	369883	3755241	Residence	3.87E-02	1.84E-06	1.43E+00	3.85E-05	2.30E-01	1.04E-05	1.25E-01	5.67E-06	4.15E-02	1.89E-06	3.96E-01	1.80E-05
306	369690	3755242	Residence	3.90E-02	1.86E-06	1.65E+00	4.46E-05	2.40E-01	1.09E-05	1.29E-01	5.87E-06	4.28E-02	1.94E-06	4.12E-01	1.87E-05
307	369594	3755243	Residence	4.15E-02	1.98E-06	1.79E+00	4.83E-05	2.68E-01	1.22E-05	1.44E-01	6.55E-06	4.72E-02	2.15E-06	4.59E-01	2.09E-05
308	369498	3755243	Residence	3.89E-02	1.85E-06	1.74E+00	4.70E-05	2.36E-01	1.07E-05	1.28E-01	5.81E-06	4.33E-02	1.97E-06	4.07E-01	1.85E-05
309	369396	3755244	Residence	3.89E-02	1.85E-06	1.70E+00	4.59E-05	2.35E-01	1.07E-05	1.28E-01	5.80E-06	4.31E-02	1.96E-06	4.06E-01	1.84E-05
310	369295	3755244	Residence	4.35E-02	2.07E-06	1.67E+00	4.51E-05	2.76E-01	1.25E-05	1.49E-01	6.78E-06	4.87E-02	2.21E-06	4.74E-01	2.15E-05
311	369193	3755245	Residence	4.74E-02	2.26E-06	1.53E+00	4.15E-05	3.06E-01	1.39E-05	1.65E-01	7.51E-06	5.25E-02	2.39E-06	5.23E-01	2.38E-05
312	369092	3755245	Residence	5.00E-02	2.38E-06	1.53E+00	4.13E-05	3.20E-01	1.45E-05	1.73E-01	7.87E-06	5.48E-02	2.49E-06	5.48E-01	2.49E-05
313	368991	3755246	Residence	5.10E-02	2.43E-06	1.71E+00	4.63E-05	3.19E-01	1.45E-05	1.73E-01	7.86E-06	5.57E-02	2.53E-06	5.48E-01	2.49E-05
314	368889	3755247	Residence	4.98E-02	2.37E-06	1.80E+00	4.86E-05	3.05E-01	1.38E-05	1.65E-01	7.51E-06	5.41E-02	2.46E-06	5.24E-01	2.38E-05
315	368782	3755247	Residence	4.77E-02	2.27E-06	1.79E+00	4.84E-05	2.89E-01	1.32E-05	1.57E-01	7.14E-06	5.19E-02	2.36E-06	4.98E-01	2.27E-05
316	368676	3755248	Residence	4.56E-02	2.17E-06	1.98E+00	5.35E-05	2.77E-01	1.26E-05	1.50E-01	6.82E-06	5.05E-02	2.30E-06	4.78E-01	2.17E-05
317	368569	3755248	Residence	4.37E-02	2.08E-06	2.16E+00	5.85E-05	2.67E-01	1.21E-05	1.44E-01	6.56E-06	4.95E-02	2.25E-06	4.61E-01	2.10E-05
318	368471	3755249	Residence	4.17E-02	1.98E-06	2.21E+00	5.96E-05	2.53E-01	1.15E-05	1.37E-01	6.22E-06	4.74E-02	2.16E-06	4.38E-01	1.99E-05
319	368373	3755249	Residence	3.95E-02	1.88E-06	2.14E+00	5.78E-05	2.35E-01	1.07E-05	1.27E-01	5.78E-06	4.46E-02	2.03E-06	4.07E-01	1.85E-05
320	368275	3755250	Residence	3.76E-02	1.79E-06	1.99E+00	5.37E-05	2.15E-01	9.78E-06	1.17E-01	5.30E-06	4.15E-02	1.88E-06	3.73E-01	1.70E-05
321	368167	3755230	Residence	3.56E-02	1.70E-06	1.85E+00	4.99E-05	1.94E-01	8.81E-06	1.06E-01	4.80E-06	3.82E-02	1.74E-06	3.38E-01	1.53E-05
322	368054	3755209	Residence	3.38E-02	1.61E-06	1.69E+00	4.57E-05	1.74E-01	7.91E-06	9.52E-02	4.33E-06	3.51E-02	1.60E-06	3.04E-01	1.38E-05
323	367941	3755189	Residence	3.22E-02	1.53E-06	1.57E+00	4.24E-05	1.59E-01	7.25E-06	8.76E-02	3.98E-06	3.27E-02	1.49E-06	2.80E-01	1.27E-05
324	367824	3755185	Residence	3.09E-02	1.47E-06	1.45E+00	3.92E-05	1.53E-01	6.97E-06	8.42E-02	3.83E-06	3.12E-02	1.42E-06	2.69E-01	1.22E-05
325	367711	3755181	Residence	2.97E-02	1.42E-06	1.34E+00	3.61E-05	1.54E-01	6.98E-06	8.40E-02	3.82E-06	3.04E-02	1.38E-06	2.68E-01	1.22E-05
326	367598	3755178	Residence	2.85E-02	1.36E-06	1.22E+00	3.30E-05	1.56E-01	7.07E-06	8.47E-02	3.85E-06	2.96E-02	1.35E-06	2.70E-01	1.23E-05
327	367484	3755174	Residence	2.70E-02	1.29E-06	1.10E+00	2.97E-05	1.55E-01	7.03E-06	8.38E-02	3.81E-06	2.85E-02	1.30E-06	2.67E-01	1.21E-05
328	367461	3755189	Residence	2.69E-02	1.28E-06	1.07E+00	2.90E-05	1.57E-01	7.13E-06	8.50E-02	3.86E-06	2.86E-02	1.30E-06	2.71E-01	1.23E-05
329	367415	3755295	Residence	2.76E-02	1.31E-06	1.11E+00	2.99E-05	1.76E-01	7.99E-06	9.46E-02	4.30E-06	3.08E-02	1.40E-06	3.01E-01	1.37E-05
330	367369	3755401	Residence	2.94E-02	1.40E-06	1.22E+00	3.29E-05	1.97E-01	8.97E-06	1.06E-01	4.81E-06	3.38E-02	1.54E-06	3.37E-01	1.53E-05
331	367324	3755507	Residence	3.20E-02	1.53E-06	1.30E+00	3.52E-05	2.25E-01	1.02E-05	1.20E-01	5.46E-06	3.77E-02	1.71E-06	3.83E-01	1.74E-05
332	367484	3755199	Residence	2.72E-02	1.30E-06	1.09E+00	2.96E-05	1.58E-01	7.19E-06	8.57E-02	3.90E-06	2.90E-02	1.32E-06	2.73E-01	1.24E-05
333	367301	3755623	Residence	3.51E-02	1.67E-06	1.42E+00	3.83E-05	2.57E-01	1.17E-05	1.37E-01	6.22E-06	4.22E-02	1.92E-06	4.36E-01	1.98E-05
334	367114	3756056	Residence	3.69E-02	1.76E-06	1.46E+00	3.94E-05	2.62E-01	1.19E-05	1.40E-01	6.35E-06	4.35E-02	1.98E-06	4.45E-01	2.02E-05
335	366985	3756358	Residence	3.44E-02	1.64E-06	1.29E+00	3.48E-05	2.03E-01	9.24E-06	1.10E-01	5.01E-06	3.66E-02	1.67E-06	3.50E-01	1.59E-05
336	366853	3756663	Residence	3.22E-02	1.53E-06	1.12E+00	3.03E-05	1.59E-01	7.23E-06	8.78E-02	3.99E-06	3.12E-02	1.42E-06	2.78E-01	1.26E-05
337	366902	3756692	Residence	3.28E-02	1.56E-06	1.14E+00	3.08E-05	1.59E-01	7.21E-06	8.77E-02	3.99E-06	3.15E-02	1.43E-06	2.78E-01	1.26E-05
338	366876	3756760	Residence	3.21E-02	1.53E-06	1.10E+00	2.98E-05	1.51E-01	6.86E-06	8.38E-02	3.81E-06	3.04E-02	1.38E-06	2.65E-01	1.20E-05
339	366813	3756739	Residence	3.14E-02	1.49E-06	1.08E+00	2.93E-05	1.50E-01	6.82E-06	8.32E-02	3.78E-06	3.00E-02	1.36E-06	2.63E-01	1.20E-05
340	366677	3757025	Residence	2.85E-02	1.36E-06	8.86E-01	2.40E-05	1.25E-01	5.70E-06	7.02E-02	3.19E-06	2.59E-02	1.18E-06	2.21E-01	1.01E-05
341	366536	3757322	Residence	2.64E-02	1.26E-06	8.86E-01	2.39E-05	1.25E-01	5.67E-06	6.92E-02	3.15E-06	2.50E-02	1.14E-06	2.19E-01	9.95E-06
342	366437	3757531	Residence	2.50E-02	1.19E-06	8.68E-01	2.35E-05	1.23E-01	5.61E-06	6.81E-02	3.10E-06	2.42E-02	1.10E-06	2.16E-01	9.80E-06
343	366487	3757537	Residence	2.54E-02	1.21E-06	8.85E-01	2.39E-05	1.25E-01	5.70E-06	6.93E-02	3.15E-06	2.47E-02	1.12E-06	2.19E-01	9.97E-06
344	366624	3757468	Residence	2.68E-02	1.28E-06	9.35E-01	2.53E-05	1.31E-01	5.95E-06	7.23E-02	3.29E-06	2.59E-02	1.18E-06	2.29E-01	1.04E-05
345	366644	3757531	Residence	2.68E-02	1.28E-06	9.38E-01	2.54E-05	1.33E-01	6.02E-06	7.31E-02	3.32E-06	2.60E-02	1.18E-06	2.32E-01	1.05E-05
346	366777	3757520	Residence	2.80E-02	1.33E-06	9.86E-01	2.66E-05	1.39E-01	6.32E-06	7.67E-02	3.48E-06	2.72E-02	1.24E-06	2.43E-01	1.10E-05

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
347	366999	3757642	Residence	2.95E-02	1.40E-06	1.02E+00	2.75E-05	1.56E-01	7.09E-06	8.54E-02	3.88E-06	2.94E-02	1.34E-06	2.71E-01	1.23E-05
348	367174	3757740	Residence	3.12E-02	1.49E-06	1.02E+00	2.77E-05	1.82E-01	8.27E-06	9.86E-02	4.48E-06	3.24E-02	1.47E-06	3.13E-01	1.42E-05
349	367291	3757694	Residence	3.63E-02	1.73E-06	1.18E+00	3.18E-05	2.34E-01	1.06E-05	1.25E-01	5.70E-06	3.94E-02	1.79E-06	3.99E-01	1.81E-05
350	367413	3757695	Residence	4.11E-02	1.96E-06	1.29E+00	3.48E-05	2.86E-01	1.30E-05	1.52E-01	6.91E-06	4.62E-02	2.10E-06	4.84E-01	2.20E-05
351	367410	3757736	Residence	3.59E-02	1.71E-06	1.12E+00	3.03E-05	2.29E-01	1.04E-05	1.23E-01	5.59E-06	3.87E-02	1.76E-06	3.91E-01	1.78E-05
352	367518	3757796	Residence	2.66E-02	1.27E-06	8.23E-01	2.22E-05	1.26E-01	5.71E-06	6.94E-02	3.15E-06	2.47E-02	1.12E-06	2.20E-01	9.98E-06
353	367539	3757802	Residence	2.62E-02	1.25E-06	8.27E-01	2.23E-05	1.21E-01	5.49E-06	6.72E-02	3.06E-06	2.44E-02	1.11E-06	2.12E-01	9.65E-06
354	367609	3757677	Residence	2.95E-02	1.40E-06	9.64E-01	2.61E-05	1.42E-01	6.46E-06	7.87E-02	3.58E-06	2.81E-02	1.28E-06	2.49E-01	1.13E-05
355	367769	3757644	Residence	3.02E-02	1.44E-06	1.01E+00	2.72E-05	1.47E-01	6.68E-06	8.13E-02	3.70E-06	2.90E-02	1.32E-06	2.57E-01	1.17E-05
356	367775	3757719	Residence	2.82E-02	1.34E-06	9.87E-01	2.67E-05	1.32E-01	6.00E-06	7.33E-02	3.33E-06	2.67E-02	1.22E-06	2.32E-01	1.05E-05
357	367809	3757835	Residence	2.50E-02	1.19E-06	9.51E-01	2.57E-05	1.08E-01	4.90E-06	6.04E-02	2.75E-06	2.31E-02	1.05E-06	1.91E-01	8.70E-06
358	367807	3757936	Residence	2.44E-02	1.16E-06	9.41E-01	2.54E-05	1.11E-01	5.04E-06	6.17E-02	2.80E-06	2.31E-02	1.05E-06	1.96E-01	8.89E-06
359	367775	3757959	Residence	2.40E-02	1.14E-06	9.18E-01	2.48E-05	1.08E-01	4.93E-06	6.04E-02	2.74E-06	2.27E-02	1.03E-06	1.91E-01	8.70E-06
360	367798	3758011	Residence	2.39E-02	1.14E-06	9.21E-01	2.49E-05	1.12E-01	5.08E-06	6.20E-02	2.82E-06	2.29E-02	1.04E-06	1.97E-01	8.94E-06
361	367914	3757962	Residence	2.50E-02	1.19E-06	9.93E-01	2.68E-05	1.22E-01	5.53E-06	6.72E-02	3.06E-06	2.45E-02	1.11E-06	2.13E-01	9.70E-06
362	367905	3757930	Residence	2.52E-02	1.20E-06	9.98E-01	2.70E-05	1.20E-01	5.47E-06	6.65E-02	3.02E-06	2.45E-02	1.11E-06	2.11E-01	9.60E-06
363	368109	3757840	Residence	2.75E-02	1.31E-06	1.14E+00	3.09E-05	1.41E-01	6.40E-06	7.74E-02	3.52E-06	2.78E-02	1.26E-06	2.46E-01	1.12E-05
364	368233	3757790	Residence	2.91E-02	1.39E-06	1.25E+00	3.39E-05	1.56E-01	7.08E-06	8.51E-02	3.87E-06	3.02E-02	1.37E-06	2.71E-01	1.23E-05
365	368309	3757762	Residence	3.01E-02	1.43E-06	1.39E+00	3.76E-05	1.66E-01	7.55E-06	9.05E-02	4.11E-06	3.20E-02	1.45E-06	2.89E-01	1.31E-05
366	368603	3757765	Residence	3.18E-02	1.52E-06	1.79E+00	4.84E-05	1.96E-01	8.90E-06	1.06E-01	4.80E-06	3.68E-02	1.67E-06	3.38E-01	1.54E-05
367	368604	3757719	Residence	3.29E-02	1.57E-06	1.86E+00	5.03E-05	2.03E-01	9.21E-06	1.09E-01	4.97E-06	3.81E-02	1.73E-06	3.50E-01	1.59E-05
368	368770	3757799	Residence	3.32E-02	1.58E-06	1.75E+00	4.73E-05	2.11E-01	9.60E-06	1.13E-01	5.16E-06	3.85E-02	1.75E-06	3.63E-01	1.65E-05
369	369017	3757954	Residence	3.40E-02	1.62E-06	1.64E+00	4.44E-05	2.34E-01	1.07E-05	1.26E-01	5.71E-06	4.08E-02	1.85E-06	4.01E-01	1.82E-05
370	369080	3757864	Residence	3.64E-02	1.73E-06	1.76E+00	4.76E-05	2.54E-01	1.16E-05	1.36E-01	6.19E-06	4.40E-02	2.00E-06	4.35E-01	1.98E-05
371	369224	3757952	Residence	3.27E-02	1.56E-06	1.40E+00	3.79E-05	2.16E-01	9.82E-06	1.16E-01	5.28E-06	3.78E-02	1.72E-06	3.70E-01	1.68E-05
372	369409	3757730	Residence	3.89E-02	1.85E-06	1.35E+00	3.65E-05	2.60E-01	1.18E-05	1.40E-01	6.36E-06	4.41E-02	2.00E-06	4.44E-01	2.02E-05
373	369454	3757776	Residence	3.78E-02	1.80E-06	1.20E+00	3.24E-05	2.51E-01	1.14E-05	1.35E-01	6.14E-06	4.23E-02	1.92E-06	4.28E-01	1.95E-05
374	369265	3757997	Residence	3.07E-02	1.46E-06	1.25E+00	3.39E-05	1.96E-01	8.89E-06	1.06E-01	4.80E-06	3.46E-02	1.57E-06	3.36E-01	1.53E-05
375	369452	3758128	Residence	2.92E-02	1.39E-06	8.70E-01	2.35E-05	1.83E-01	8.31E-06	9.91E-02	4.50E-06	3.15E-02	1.43E-06	3.13E-01	1.42E-05
376	369460	3758394	Residence	2.48E-02	1.18E-06	7.06E-01	1.91E-05	1.49E-01	6.79E-06	8.11E-02	3.69E-06	2.61E-02	1.18E-06	2.56E-01	1.17E-05
377	369853	3758394	Residence	2.08E-02	9.92E-07	5.77E-01	1.56E-05	1.03E-01	4.69E-06	5.71E-02	2.60E-06	1.98E-02	8.99E-07	1.80E-01	8.18E-06
378	369850	3758078	Residence	2.49E-02	1.19E-06	7.14E-01	1.93E-05	1.31E-01	5.98E-06	7.23E-02	3.29E-06	2.45E-02	1.11E-06	2.28E-01	1.04E-05
384	370886	3758089	Residence	3.01E-02	1.43E-06	9.98E-01	2.70E-05	1.93E-01	8.77E-06	1.04E-01	4.71E-06	3.28E-02	1.49E-06	3.30E-01	1.50E-05
391	371193	3757720	Residence	2.84E-02	1.35E-06	9.90E-01	2.68E-05	1.57E-01	7.13E-06	8.57E-02	3.89E-06	2.91E-02	1.32E-06	2.72E-01	1.23E-05
392	371254	3757762	Residence	2.73E-02	1.30E-06	9.53E-01	2.58E-05	1.51E-01	6.85E-06	8.23E-02	3.74E-06	2.80E-02	1.27E-06	2.61E-01	1.19E-05
393	371264	3757783	Residence	2.70E-02	1.28E-06	9.42E-01	2.55E-05	1.48E-01	6.72E-06	8.08E-02	3.67E-06	2.75E-02	1.25E-06	2.56E-01	1.16E-05
394	371372	3757782	Residence	2.62E-02	1.25E-06	9.05E-01	2.45E-05	1.47E-01	6.70E-06	8.04E-02	3.65E-06	2.70E-02	1.23E-06	2.55E-01	1.16E-05
395	371399	3757806	Residence	2.57E-02	1.22E-06	8.90E-01	2.41E-05	1.44E-01	6.56E-06	7.87E-02	3.58E-06	2.65E-02	1.20E-06	2.50E-01	1.13E-05
396	371798	3758080	Residence	2.08E-02	9.93E-07	7.21E-01	1.95E-05	1.16E-01	5.27E-06	6.33E-02	2.88E-06	2.14E-02	9.72E-07	2.01E-01	9.12E-06
397	371908	3757934	Residence	2.10E-02	9.99E-07	7.05E-01	1.91E-05	1.22E-01	5.56E-06	6.65E-02	3.02E-06	2.20E-02	9.99E-07	2.11E-01	9.58E-06
398	371964	3757922	Residence	2.07E-02	9.87E-07	6.87E-01	1.86E-05	1.21E-01	5.49E-06	6.57E-02	2.99E-06	2.17E-02	9.85E-07	2.08E-01	9.46E-06
442	370667	3755262	Residence	3.13E-02	1.49E-06	5.85E-01	1.58E-05	1.40E-01	6.37E-06	7.87E-02	3.58E-06	2.74E-02	1.25E-06	2.46E-01	1.12E-05
443	370380	3755263	Residence	3.86E-02	1.84E-06	8.76E-01	2.37E-05	2.21E-01	1.00E-05	1.21E-01	5.49E-06	3.88E-02	1.76E-06	3.80E-01	1.73E-05
444	370076	3755265	Residence	4.25E-02	2.02E-06	1.28E+00	3.46E-05	2.65E-01	1.20E-05	1.44E-01	6.53E-06	4.58E-02	2.08E-06	4.54E-01	2.06E-05
446	369498	3755268	Residence	3.95E-02	1.88E-06	1.78E+00	4.81E-05	2.39E-01	1.09E-05	1.30E-01	5.90E-06	4.41E-02	2.01E-06	4.13E-01	1.88E-05
447	369194	3755270	Residence	4.92E-02	2.34E-06	1.61E+00	4.34E-05	3.18E-01	1.45E-05	1.72E-01	7.83E-06	5.47E-02	2.48E-06	5.45E-01	2.48E-05
448	368889	3755272	Residence	5.06E-02	2.41E-06	1.84E+00	4.99E-05	3.08E-01	1.40E-05	1.67E-01	7.60E-06	5.50E-02	2.50E-06	5.31E-01	2.41E-05
449	368569	3755273	Residence	4.42E-02	2.11E-06	2.24E+00	6.04E-05	2.71E-01	1.23E-05	1.46E-01	6.65E-06	5.02E-02	2.28E-06	4.67E-01	2.12E-05
450	368275	3755275	Residence	3.78E-02	1.80E-06	2.01E+00	5.44E-05	2.15E-01	9.76E-06	1.16E-01	5.29E-06	4.16E-02	1.89E-06	3.73E-01	1.69E-05
451	367936	3755213	Residence	3.22E-02	1.53E-06	1.57E+00	4.25E-05	1.58E-01	7.19E-06	8.70E-02	3.95E-06	3.27E-02	1.48E-06	2.78E-01	1.26E-05
74	370324	3758078	School	2.74E-02	1.31E-06	8.69E-01	2.35E-05	1.28E-01	5.84E-06	7.14E-02	3.25E-06	2.57E-02	1.17E-06	2.26E-01	1.03E-05
75	370324	3758078	School	2.91E-02	1.39E-06	9.41E-01	2.54E-05	1.40E-01	6.34E-06	7.74E-02	3.52E-06	2.76E-02	1.26E-06	2.45E-01	1.11E-05
76	370324	3758078	School	2.91E-02	1.39E-06	9.45E-01	2.55E-05	1.40E-01	6.34E-06	7.74E-02	3.52E-06	2.76E-02	1.26E-06	2.45E-01	1.11E-05
77	370324	3758078	School	2.81E-02	1.34E-06	9.71E-01	2.62E-05	1.32E-01	6.00E-06	7.33E-02	3.33E-06	2.67E-02	1.21E-06	2.32E-01	1.05E-05
130	370324	3758078	School	2.26E-02	1.07E-06	8.83E-01	2.39E-05	1.00E-01	4.56E-06	5.59E-02	2.54E-06	2.12E-02	9.61E-07	1.77E-01	8.06E-06

Table 5-6
Calculation of Unmitigated Cumulative Acute Hazard Indices for VOC for On-Airport Projects for Offsite Receptors
TAC Concentrations

Receptor Number	X	Y	Receptor Type	styrene (µg/m^3)	styrene Acute Hazard	toluene (µg/m^3)	toluene Acute Hazard	xylene, m- (µg/m^3)	xylene, m- Acute Hazard	xylene, o- (µg/m^3)	xylene, o- Acute Hazard	xylene, p- (µg/m^3)	xylene, p- Acute Hazard	Total Xylenes (µg/m^3)	Total Xylenes Acute Hazard
131	370381	3757991	School	2.43E-02	1.16E-06	9.72E-01	2.63E-05	1.13E-01	5.12E-06	6.24E-02	2.84E-06	2.33E-02	1.06E-06	1.98E-01	9.01E-06
132	370435	3758019	School	2.40E-02	1.14E-06	9.49E-01	2.56E-05	1.12E-01	5.10E-06	6.22E-02	2.83E-06	2.31E-02	1.05E-06	1.98E-01	8.98E-06
133	370499	3758050	School	2.38E-02	1.13E-06	9.24E-01	2.50E-05	1.13E-01	5.12E-06	6.24E-02	2.83E-06	2.30E-02	1.04E-06	1.98E-01	9.00E-06
134	370485	3758025	School	2.42E-02	1.15E-06	9.44E-01	2.55E-05	1.15E-01	5.22E-06	6.36E-02	2.89E-06	2.34E-02	1.06E-06	2.02E-01	9.18E-06
135	370481	3758086	School	2.30E-02	1.10E-06	8.95E-01	2.42E-05	1.07E-01	4.84E-06	5.91E-02	2.69E-06	2.20E-02	1.00E-06	1.88E-01	8.53E-06
305	369787	3755242	School	3.73E-02	1.78E-06	1.50E+00	4.06E-05	2.16E-01	9.83E-06	1.17E-01	5.34E-06	3.98E-02	1.81E-06	3.74E-01	1.70E-05
379	370299	3758078	School	2.26E-02	1.07E-06	8.79E-01	2.38E-05	1.00E-01	4.56E-06	5.59E-02	2.54E-06	2.11E-02	9.60E-07	1.77E-01	8.06E-06
380	370298	3757963	School	2.47E-02	1.17E-06	1.00E+00	2.71E-05	1.14E-01	5.20E-06	6.34E-02	2.88E-06	2.37E-02	1.08E-06	2.02E-01	9.16E-06
381	370382	3757966	School	2.48E-02	1.18E-06	9.94E-01	2.69E-05	1.16E-01	5.26E-06	6.42E-02	2.92E-06	2.39E-02	1.08E-06	2.04E-01	9.26E-06
382	370510	3758027	School	2.43E-02	1.16E-06	9.41E-01	2.54E-05	1.16E-01	5.29E-06	6.44E-02	2.93E-06	2.36E-02	1.07E-06	2.04E-01	9.29E-06
383	370506	3758088	School	2.32E-02	1.10E-06	8.95E-01	2.42E-05	1.08E-01	4.91E-06	5.99E-02	2.72E-06	2.22E-02	1.01E-06	1.90E-01	8.64E-06
445	369787	3755267	School	3.80E-02	1.81E-06	1.52E+00	4.10E-05	2.19E-01	9.96E-06	1.19E-01	5.42E-06	4.05E-02	1.84E-06	3.79E-01	1.72E-05

Note: Shaded cells indicate locations where concentrations were highest within each land use category.

Attachment 6

HARP Output for LAX CUP-RP Operations

Table	Title
Table 6-1	Summary of HARP Results for Adult Residents, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated
Table 6-2	Summary of HARP Results for Workers, Inhalation Pathway, Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

Table 6-1
Summary of HARP Results for Adult Residents, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Residential Grid Locations			-1.81E-10			8.60E-06			2.40E-05
		Minimum of Residential Grid Locations			-3.67E-09			-2.60E-06			-5.10E-05
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
				Existing			**Existing**			**Existing**	
X	**Y**	**Location**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**
372249	3757612	1	9.63E-09	1.33E-08	-3.67E-09	2.07E-04	2.05E-04	2.00E-06	2.19E-04	2.25E-04	-6.00E-06
372499	3757612	2	8.31E-09	1.15E-08	-3.19E-09	1.79E-04	1.78E-04	1.00E-06	1.98E-04	2.04E-04	-6.00E-06
372249	3757862	3	8.16E-09	1.13E-08	-3.14E-09	1.75E-04	1.75E-04	0.00E+00	2.13E-04	2.16E-04	-3.00E-06
372499	3757862	4	7.49E-09	1.04E-08	-2.91E-09	1.61E-04	1.61E-04	0.00E+00	1.98E-04	1.96E-04	2.00E-06
372249	3758112	5	6.43E-09	8.94E-09	-2.51E-09	1.38E-04	1.38E-04	0.00E+00	2.03E-04	2.01E-04	2.00E-06
372499	3758112	6	6.28E-09	8.78E-09	-2.50E-09	1.35E-04	1.36E-04	-1.00E-06	1.84E-04	1.79E-04	5.00E-06
372249	3758362	7	4.87E-09	6.78E-09	-1.91E-09	1.05E-04	1.05E-04	0.00E+00	1.89E-04	1.87E-04	2.00E-06
372499	3758362	8	5.02E-09	7.04E-09	-2.02E-09	1.08E-04	1.09E-04	-1.00E-06	1.88E-04	1.71E-04	1.70E-05
373793	3755335	9	5.91E-10	7.81E-10	-1.90E-10	1.26E-05	1.21E-05	5.00E-07	1.57E-04	1.44E-04	1.30E-05
374093	3755335	10	5.43E-10	7.24E-10	-1.81E-10	1.16E-05	1.12E-05	4.00E-07	1.39E-04	1.26E-04	1.30E-05
373793	3755710	11	7.44E-10	1.01E-09	-2.66E-10	1.59E-05	1.57E-05	2.00E-07	1.32E-04	1.27E-04	5.00E-06
374093	3755710	12	6.86E-10	9.38E-10	-2.52E-10	1.47E-05	1.46E-05	1.00E-07	1.35E-04	1.27E-04	8.00E-06
373793	3756085	13	1.06E-09	1.47E-09	-4.10E-10	2.27E-05	2.28E-05	-1.00E-07	1.62E-04	1.47E-04	1.50E-05
374093	3756085	14	9.60E-10	1.34E-09	-3.80E-10	2.06E-05	2.08E-05	-2.00E-07	1.50E-04	1.38E-04	1.20E-05
373793	3756460	15	1.60E-09	2.26E-09	-6.60E-10	3.44E-05	3.50E-05	-6.00E-07	1.58E-04	1.48E-04	1.00E-05
374093	3756460	16	1.41E-09	1.99E-09	-5.80E-10	3.02E-05	3.08E-05	-6.00E-07	1.51E-04	1.43E-04	8.00E-06
373793	3756835	17	2.35E-09	3.33E-09	-9.80E-10	5.05E-05	5.16E-05	-1.10E-06	1.54E-04	1.39E-04	1.50E-05
374093	3756835	18	2.01E-09	2.86E-09	-8.50E-10	4.32E-05	4.43E-05	-1.10E-06	1.47E-04	1.35E-04	1.20E-05
373793	3757210	19	3.16E-09	4.50E-09	-1.34E-09	6.79E-05	6.95E-05	-1.60E-06	1.63E-04	1.52E-04	1.10E-05
374093	3757210	20	2.67E-09	3.82E-09	-1.15E-09	5.74E-05	5.90E-05	-1.60E-06	1.52E-04	1.43E-04	9.00E-06
373793	3757585	21	3.79E-09	5.41E-09	-1.62E-09	8.15E-05	8.36E-05	-2.10E-06	1.46E-04	1.36E-04	1.00E-05
374093	3757585	22	3.22E-09	4.62E-09	-1.40E-09	6.94E-05	7.14E-05	-2.00E-06	1.36E-04	1.30E-04	6.00E-06
373793	3757960	23	4.05E-09	5.79E-09	-1.74E-09	8.71E-05	8.95E-05	-2.40E-06	1.58E-04	1.47E-04	1.10E-05
374093	3757960	24	3.52E-09	5.06E-09	-1.54E-09	7.58E-05	7.82E-05	-2.40E-06	1.50E-04	1.42E-04	8.00E-06
373793	3758335	25	3.89E-09	5.58E-09	-1.69E-09	8.38E-05	8.63E-05	-2.50E-06	1.35E-04	1.27E-04	8.00E-06
374093	3758335	26	3.50E-09	5.04E-09	-1.54E-09	7.54E-05	7.79E-05	-2.50E-06	1.25E-04	1.19E-04	6.00E-06
373793	3758710	27	3.44E-09	4.95E-09	-1.51E-09	7.40E-05	7.65E-05	-2.50E-06	1.48E-04	1.40E-04	8.00E-06
374093	3758710	28	3.22E-09	4.64E-09	-1.42E-09	6.92E-05	7.18E-05	-2.60E-06	1.40E-04	1.33E-04	7.00E-06
367278	3755614	30	2.47E-09	3.32E-09	-8.50E-10	5.29E-05	5.16E-05	1.30E-06	1.71E-04	1.56E-04	1.50E-05
367231	3755722	31	2.54E-09	3.43E-09	-8.90E-10	5.44E-05	5.33E-05	1.10E-06	1.65E-04	1.53E-04	1.20E-05
367185	3755830	32	2.60E-09	3.52E-09	-9.20E-10	5.56E-05	5.46E-05	1.00E-06	1.66E-04	1.54E-04	1.20E-05
367138	3755938	33	2.63E-09	3.58E-09	-9.50E-10	5.64E-05	5.56E-05	8.00E-07	1.73E-04	1.61E-04	1.20E-05
367091	3756047	34	2.65E-09	3.61E-09	-9.60E-10	5.68E-05	5.61E-05	7.00E-07	1.75E-04	1.63E-04	1.20E-05
367048	3756147	35	2.65E-09	3.62E-09	-9.70E-10	5.69E-05	5.62E-05	7.00E-07	1.71E-04	1.58E-04	1.30E-05
367005	3756247	36	2.64E-09	3.60E-09	-9.60E-10	5.66E-05	5.59E-05	7.00E-07	1.65E-04	1.53E-04	1.20E-05
366962	3756348	37	2.61E-09	3.56E-09	-9.50E-10	5.59E-05	5.53E-05	6.00E-07	1.68E-04	1.56E-04	1.20E-05
366918	3756450	38	2.56E-09	3.51E-09	-9.50E-10	5.50E-05	5.44E-05	6.00E-07	1.70E-04	1.60E-04	1.00E-05
366874	3756551	39	2.51E-09	3.43E-09	-9.20E-10	5.38E-05	5.32E-05	6.00E-07	1.66E-04	1.56E-04	1.00E-05
366830	3756653	40	2.44E-09	3.33E-09	-8.90E-10	5.24E-05	5.17E-05	7.00E-07	1.67E-04	1.56E-04	1.10E-05
366840	3756685	41	2.44E-09	3.33E-09	-8.90E-10	5.24E-05	5.17E-05	7.00E-07	1.67E-04	1.55E-04	1.20E-05
366890	3756714	42	2.49E-09	3.38E-09	-8.90E-10	5.33E-05	5.25E-05	8.00E-07	1.67E-04	1.54E-04	1.30E-05
366879	3756683	43	2.48E-09	3.38E-09	-9.00E-10	5.33E-05	5.25E-05	8.00E-07	1.68E-04	1.56E-04	1.20E-05
366852	3756751	44	2.43E-09	3.31E-09	-8.80E-10	5.22E-05	5.14E-05	8.00E-07	1.63E-04	1.53E-04	1.00E-05
366884	3756737	45	2.47E-09	3.36E-09	-8.90E-10	5.30E-05	5.22E-05	8.00E-07	1.65E-04	1.52E-04	1.30E-05
366821	3756715	46	2.42E-09	3.29E-09	-8.70E-10	5.18E-05	5.11E-05	7.00E-07	1.65E-04	1.53E-04	1.20E-05
366790	3756728	47	2.38E-09	3.25E-09	-8.70E-10	5.11E-05	5.04E-05	7.00E-07	1.63E-04	1.51E-04	1.20E-05
366745	3756823	48	2.30E-09	3.14E-09	-8.40E-10	4.94E-05	4.87E-05	7.00E-07	1.62E-04	1.55E-04	7.00E-06
366700	3756919	49	2.22E-09	3.02E-09	-8.00E-10	4.76E-05	4.69E-05	7.00E-07	1.61E-04	1.53E-04	8.00E-06
366655	3757014	50	2.14E-09	2.90E-09	-7.60E-10	4.58E-05	4.50E-05	8.00E-07	1.55E-04	1.46E-04	9.00E-06
366608	3757113	51	2.05E-09	2.78E-09	-7.30E-10	4.39E-05	4.31E-05	8.00E-07	1.56E-04	1.49E-04	7.00E-06
366561	3757212	52	1.95E-09	2.65E-09	-7.00E-10	4.19E-05	4.11E-05	8.00E-07	1.55E-04	1.49E-04	6.00E-06
366514	3757311	53	1.86E-09	2.53E-09	-6.70E-10	4.00E-05	3.92E-05	8.00E-07	1.55E-04	1.49E-04	6.00E-06
366464	3757416	54	1.77E-09	2.40E-09	-6.30E-10	3.80E-05	3.72E-05	8.00E-07	1.53E-04	1.47E-04	6.00E-06
366415	3757520	55	1.68E-09	2.27E-09	-5.90E-10	3.60E-05	3.53E-05	7.00E-07	1.50E-04	1.45E-04	5.00E-06
366434	3757556	56	1.67E-09	2.25E-09	-5.80E-10	3.57E-05	3.50E-05	7.00E-07	1.51E-04	1.45E-04	6.00E-06
366484	3757562	57	1.69E-09	2.28E-09	-5.90E-10	3.61E-05	3.53E-05	8.00E-07	1.52E-04	1.45E-04	7.00E-06
366567	3757525	58	1.75E-09	2.36E-09	-6.10E-10	3.76E-05	3.67E-05	9.00E-07	1.55E-04	1.48E-04	7.00E-06
366621	3757539	59	1.77E-09	2.39E-09	-6.20E-10	3.80E-05	3.70E-05	1.00E-06	1.55E-04	1.49E-04	6.00E-06
366646	3757556	60	1.77E-09	2.39E-09	-6.20E-10	3.80E-05	3.70E-05	1.00E-06	1.56E-04	1.50E-04	6.00E-06
366713	3757550	61	1.81E-09	2.43E-09	-6.20E-10	3.88E-05	3.78E-05	1.00E-06	1.58E-04	1.52E-04	6.00E-06
366779	3757545	62	1.85E-09	2.49E-09	-6.40E-10	3.97E-05	3.86E-05	1.10E-06	1.61E-04	1.54E-04	7.00E-06
366839	3757583	63	1.85E-09	2.48E-09	-6.30E-10	3.98E-05	3.86E-05	1.20E-06	1.63E-04	1.54E-04	9.00E-06
366913	3757623	64	1.86E-09	2.49E-09	-6.30E-10	3.99E-05	3.86E-05	1.30E-06	1.63E-04	1.55E-04	8.00E-06
366986	3757664	65	1.86E-09	2.48E-09	-6.20E-10	3.99E-05	3.86E-05	1.30E-06	1.67E-04	1.59E-04	8.00E-06
367074	3757713	66	1.86E-09	2.48E-09	-6.20E-10	3.99E-05	3.85E-05	1.40E-06	1.70E-04	1.60E-04	1.00E-05
367162	3757761	67	1.86E-09	2.47E-09	-6.10E-10	3.99E-05	3.84E-05	1.50E-06	1.74E-04	1.63E-04	1.10E-05
367300	3757718	68	1.98E-09	2.62E-09	-6.40E-10	4.24E-05	4.07E-05	1.70E-06	1.79E-04	1.66E-04	1.30E-05
367385	3757734	69	2.01E-09	2.65E-09	-6.40E-10	4.30E-05	4.12E-05	1.80E-06	1.81E-04	1.65E-04	1.60E-05
367398	3757758	70	1.99E-09	2.62E-09	-6.30E-10	4.26E-05	4.08E-05	1.80E-06	1.80E-04	1.63E-04	1.70E-05
367506	3757818	71	1.97E-09	2.60E-09	-6.30E-10	4.23E-05	4.04E-05	1.90E-06	1.82E-04	1.67E-04	1.50E-05
367533	3757826	72	1.98E-09	2.60E-09	-6.20E-10	4.24E-05	4.04E-05	2.00E-06	1.83E-04	1.67E-04	1.60E-05
367561	3757814	73	2.01E-09	2.64E-09	-6.30E-10	4.30E-05	4.10E-05	2.00E-06	1.84E-04	1.67E-04	1.70E-05
367596	3757752	74	2.11E-09	2.76E-09	-6.50E-10	4.51E-05	4.30E-05	2.10E-06	1.85E-04	1.70E-04	1.50E-05
367631	3757689	75	2.22E-09	2.90E-09	-6.80E-10	4.74E-05	4.51E-05	2.30E-06	1.87E-04	1.71E-04	1.60E-05
367694	3757685	76	2.26E-09	2.96E-09	-7.00E-10	4.84E-05	4.60E-05	2.40E-06	1.88E-04	1.76E-04	1.20E-05
367750	3757721	77	2.25E-09	2.93E-09	-6.80E-10	4.81E-05	4.56E-05	2.50E-06	1.91E-04	1.77E-04	1.40E-05

Table 6-1
Summary of HARP Results for Adult Residents, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Residential Grid Locations	-1.81E-10			8.60E-06			2.40E-05		
		Minimum of Residential Grid Locations	-3.67E-09			-2.60E-06			-5.10E-05		
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
				Existing			**Existing**			**Existing**	
X	**Y**	**Location**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**
367786	3757842	78	2.09E-09	2.73E-09	-6.40E-10	4.48E-05	4.25E-05	2.30E-06	1.82E-04	1.70E-04	1.20E-05
367782	3757935	79	1.96E-09	2.57E-09	-6.10E-10	4.20E-05	3.99E-05	2.10E-06	1.89E-04	1.72E-04	1.70E-05
367752	3757969	80	1.91E-09	2.50E-09	-5.90E-10	4.08E-05	3.88E-05	2.00E-06	1.88E-04	1.71E-04	1.70E-05
367775	3758021	81	1.85E-09	2.43E-09	-5.80E-10	3.96E-05	3.77E-05	1.90E-06	1.88E-04	1.70E-04	1.80E-05
367808	3758034	82	1.85E-09	2.42E-09	-5.70E-10	3.96E-05	3.77E-05	1.90E-06	1.87E-04	1.72E-04	1.50E-05
367866	3758009	83	1.90E-09	2.49E-09	-5.90E-10	4.08E-05	3.87E-05	2.10E-06	1.89E-04	1.77E-04	1.20E-05
367924	3757985	84	1.96E-09	2.56E-09	-6.00E-10	4.20E-05	3.98E-05	2.20E-06	1.90E-04	1.82E-04	8.00E-06
367938	3757954	85	2.01E-09	2.62E-09	-6.10E-10	4.30E-05	4.08E-05	2.20E-06	1.93E-04	1.85E-04	8.00E-06
367928	3757923	86	2.05E-09	2.67E-09	-6.20E-10	4.39E-05	4.15E-05	2.40E-06	1.94E-04	1.85E-04	9.00E-06
367915	3757953	87	2.00E-09	2.61E-09	-6.10E-10	4.28E-05	4.06E-05	2.20E-06	1.93E-04	1.83E-04	1.00E-05
368017	3757908	88	2.11E-09	2.75E-09	-6.40E-10	4.52E-05	4.27E-05	2.50E-06	1.96E-04	1.93E-04	3.00E-06
368119	3757863	89	2.24E-09	2.90E-09	-6.60E-10	4.79E-05	4.51E-05	2.80E-06	1.99E-04	2.04E-04	-5.00E-06
368180	3757839	90	2.32E-09	2.99E-09	-6.70E-10	4.96E-05	4.66E-05	3.00E-06	2.01E-04	2.11E-04	-1.00E-05
368242	3757814	91	2.40E-09	3.09E-09	-6.90E-10	5.13E-05	4.81E-05	3.20E-06	2.07E-04	2.18E-04	-1.10E-05
368318	3757785	92	2.50E-09	3.21E-09	-7.10E-10	5.35E-05	5.00E-05	3.50E-06	2.13E-04	2.27E-04	-1.40E-05
368407	3757788	93	2.55E-09	3.27E-09	-7.20E-10	5.46E-05	5.09E-05	3.70E-06	2.18E-04	2.34E-04	-1.60E-05
368505	3757789	94	2.61E-09	3.33E-09	-7.20E-10	5.58E-05	5.19E-05	3.90E-06	2.21E-04	2.41E-04	-2.00E-05
368603	3757790	95	2.67E-09	3.39E-09	-7.20E-10	5.70E-05	5.29E-05	4.10E-06	2.26E-04	2.44E-04	-1.80E-05
368628	3757765	96	2.75E-09	3.49E-09	-7.40E-10	5.87E-05	5.43E-05	4.40E-06	2.28E-04	2.50E-04	-2.20E-05
368676	3757781	97	2.73E-09	3.47E-09	-7.40E-10	5.84E-05	5.40E-05	4.40E-06	2.38E-04	2.57E-04	-1.90E-05
368759	3757821	98	2.67E-09	3.38E-09	-7.10E-10	5.71E-05	5.26E-05	4.50E-06	2.49E-04	2.73E-04	-2.40E-05
368839	3757872	99	2.57E-09	3.24E-09	-6.70E-10	5.50E-05	5.05E-05	4.50E-06	2.49E-04	2.77E-04	-2.80E-05
368921	3757924	100	2.46E-09	3.08E-09	-6.20E-10	5.25E-05	4.80E-05	4.50E-06	2.48E-04	2.69E-04	-2.10E-05
369004	3757976	101	2.33E-09	2.90E-09	-5.70E-10	4.97E-05	4.52E-05	4.50E-06	2.51E-04	2.79E-04	-2.80E-05
369038	3757969	102	2.35E-09	2.91E-09	-5.60E-10	5.01E-05	4.54E-05	4.70E-06	2.54E-04	2.87E-04	-3.30E-05
369101	3757878	103	2.60E-09	3.21E-09	-6.10E-10	5.54E-05	5.00E-05	5.40E-06	2.70E-04	3.04E-04	-3.40E-05
369067	3757885	104	2.58E-09	3.19E-09	-6.10E-10	5.50E-05	4.98E-05	5.20E-06	2.65E-04	2.95E-04	-3.00E-05
369139	3757930	105	2.45E-09	3.01E-09	-5.60E-10	5.22E-05	4.69E-05	5.30E-06	2.68E-04	3.08E-04	-4.00E-05
369211	3757974	106	2.31E-09	2.81E-09	-5.00E-10	4.92E-05	4.39E-05	5.30E-06	2.76E-04	3.06E-04	-3.00E-05
369243	3757968	107	2.31E-09	2.81E-09	-5.00E-10	4.93E-05	4.39E-05	5.40E-06	2.78E-04	3.07E-04	-2.90E-05
369305	3757894	108	2.51E-09	3.04E-09	-5.30E-10	5.35E-05	4.74E-05	6.10E-06	2.94E-04	3.26E-04	-3.20E-05
369366	3757820	109	2.75E-09	3.29E-09	-5.40E-10	5.85E-05	5.14E-05	7.10E-06	3.20E-04	3.45E-04	-2.50E-05
369436	3757794	110	2.81E-09	3.34E-09	-5.30E-10	5.99E-05	5.22E-05	7.70E-06	3.31E-04	3.54E-04	-2.30E-05
369435	3757760	111	2.96E-09	3.51E-09	-5.50E-10	6.31E-05	5.48E-05	8.30E-06	3.49E-04	3.60E-04	-1.10E-05
369251	3758017	112	2.18E-09	2.65E-09	-4.70E-10	4.64E-05	4.13E-05	5.10E-06	2.68E-04	2.94E-04	-2.60E-05
369344	3758083	113	1.98E-09	2.39E-09	-4.10E-10	4.22E-05	3.72E-05	5.00E-06	2.64E-04	3.03E-04	-3.90E-05
369437	3758148	114	1.80E-09	2.16E-09	-3.60E-10	3.84E-05	3.37E-05	4.70E-06	2.66E-04	3.03E-04	-3.70E-05
369429	3758218	115	1.68E-09	2.01E-09	-3.30E-10	3.57E-05	3.14E-05	4.30E-06	2.58E-04	2.88E-04	-3.00E-05
369432	3758306	116	1.53E-09	1.85E-09	-3.20E-10	3.26E-05	2.88E-05	3.80E-06	2.49E-04	2.68E-04	-1.90E-05
369435	3758395	117	1.41E-09	1.70E-09	-2.90E-10	3.00E-05	2.66E-05	3.40E-06	2.40E-04	2.50E-04	-1.00E-05
369460	3758419	118	1.37E-09	1.66E-09	-2.90E-10	2.93E-05	2.60E-05	3.30E-06	2.35E-04	2.49E-04	-1.40E-05
369558	3758419	119	1.37E-09	1.65E-09	-2.80E-10	2.91E-05	2.58E-05	3.30E-06	2.42E-04	2.67E-04	-2.50E-05
369657	3758419	120	1.37E-09	1.66E-09	-2.90E-10	2.91E-05	2.59E-05	3.20E-06	2.53E-04	2.74E-04	-2.10E-05
369755	3758419	121	1.38E-09	1.68E-09	-3.00E-10	2.94E-05	2.62E-05	3.20E-06	2.53E-04	2.65E-04	-1.20E-05
369853	3758419	122	1.40E-09	1.71E-09	-3.10E-10	2.99E-05	2.68E-05	3.10E-06	2.55E-04	2.78E-04	-2.30E-05
369878	3758394	123	1.44E-09	1.76E-09	-3.20E-10	3.06E-05	2.74E-05	3.20E-06	2.58E-04	2.86E-04	-2.80E-05
369877	3758289	124	1.57E-09	1.90E-09	-3.30E-10	3.33E-05	2.96E-05	3.70E-06	2.71E-04	3.01E-04	-3.00E-05
369876	3758183	125	1.71E-09	2.06E-09	-3.50E-10	3.65E-05	3.22E-05	4.30E-06	2.84E-04	3.15E-04	-3.10E-05
369962	3758103	126	1.88E-09	2.26E-09	-3.80E-10	4.00E-05	3.53E-05	4.70E-06	3.02E-04	3.48E-04	-4.60E-05
370075	3758103	127	1.94E-09	2.34E-09	-4.00E-10	4.12E-05	3.66E-05	4.60E-06	3.28E-04	3.49E-04	-2.10E-05
370187	3758103	128	2.00E-09	2.43E-09	-4.30E-10	4.25E-05	3.79E-05	4.60E-06	3.08E-04	3.40E-04	-3.20E-05
370299	3758103	129	2.07E-09	2.51E-09	-4.40E-10	4.40E-05	3.93E-05	4.70E-06	3.29E-04	3.49E-04	-2.00E-05
370506	3758113	136	2.17E-09	2.67E-09	-5.00E-10	4.63E-05	4.17E-05	4.60E-06	3.25E-04	3.56E-04	-3.10E-05
370601	3758113	137	2.25E-09	2.78E-09	-5.30E-10	4.78E-05	4.34E-05	4.40E-06	3.25E-04	3.45E-04	-2.00E-05
370696	3758114	138	2.34E-09	2.93E-09	-5.90E-10	4.98E-05	4.57E-05	4.10E-06	2.97E-04	3.27E-04	-3.00E-05
370791	3758114	139	2.47E-09	3.13E-09	-6.60E-10	5.28E-05	4.89E-05	3.90E-06	2.99E-04	3.36E-04	-3.70E-05
370886	3758114	140	2.65E-09	3.40E-09	-7.50E-10	5.66E-05	5.30E-05	3.60E-06	2.95E-04	3.23E-04	-2.80E-05
371170	3757732	154	7.59E-09	1.01E-08	-2.51E-09	1.62E-04	1.58E-04	4.00E-06	3.48E-04	3.72E-04	-2.40E-05
371240	3757783	155	7.29E-09	9.79E-09	-2.50E-09	1.56E-04	1.52E-04	4.00E-06	3.26E-04	3.53E-04	-2.70E-05
371264	3757808	156	7.08E-09	9.51E-09	-2.43E-09	1.52E-04	1.48E-04	4.00E-06	3.17E-04	3.46E-04	-2.90E-05
371372	3757807	157	7.81E-09	1.06E-08	-2.79E-09	1.67E-04	1.64E-04	3.00E-06	2.97E-04	3.21E-04	-2.40E-05
371385	3757827	158	7.59E-09	1.03E-08	-2.71E-09	1.63E-04	1.59E-04	4.00E-06	2.92E-04	3.17E-04	-2.50E-05
371485	3757895	159	7.14E-09	9.69E-09	-2.55E-09	1.53E-04	1.50E-04	3.00E-06	2.65E-04	2.90E-04	-2.50E-05
371585	3757964	160	6.72E-09	9.15E-09	-2.43E-09	1.44E-04	1.42E-04	2.00E-06	2.54E-04	2.71E-04	-1.70E-05
371684	3758032	161	6.32E-09	8.64E-09	-2.32E-09	1.36E-04	1.34E-04	2.00E-06	2.42E-04	2.54E-04	-1.20E-05
371784	3758101	162	5.95E-09	8.16E-09	-2.21E-09	1.28E-04	1.27E-04	1.00E-06	2.31E-04	2.38E-04	-7.00E-06
371818	3758095	163	6.08E-09	8.36E-09	-2.28E-09	1.31E-04	1.30E-04	1.00E-06	2.29E-04	2.36E-04	-7.00E-06
371873	3758022	164	6.89E-09	9.48E-09	-2.59E-09	1.48E-04	1.47E-04	1.00E-06	2.30E-04	2.43E-04	-1.30E-05
371928	3757949	165	7.69E-09	1.06E-08	-2.91E-09	1.65E-04	1.64E-04	1.00E-06	2.34E-04	2.44E-04	-1.00E-05
371969	3757946	166	7.74E-09	1.06E-08	-2.86E-09	1.66E-04	1.65E-04	1.00E-06	2.31E-04	2.38E-04	-7.00E-06
371989	3757924	167	7.96E-09	1.10E-08	-3.04E-09	1.71E-04	1.70E-04	1.00E-06	2.31E-04	2.38E-04	-7.00E-06
370737	3755244	295	2.32E-09	2.76E-09	-4.40E-10	4.94E-05	4.32E-05	6.20E-06	3.22E-04	3.64E-04	-4.20E-05
370669	3755237	296	2.35E-09	2.80E-09	-4.50E-10	4.99E-05	4.38E-05	6.10E-06	3.18E-04	3.52E-04	-3.40E-05
370571	3755237	297	2.41E-09	2.88E-09	-4.70E-10	5.13E-05	4.50E-05	6.30E-06	3.41E-04	3.70E-04	-2.90E-05
370476	3755238	298	2.47E-09	2.96E-09	-4.90E-10	5.25E-05	4.62E-05	6.30E-06	3.33E-04	3.79E-04	-4.60E-05
370380	3755238	299	2.52E-09	3.02E-09	-5.00E-10	5.36E-05	4.72E-05	6.40E-06	3.44E-04	3.70E-04	-2.60E-05

Table 6-1
Summary of HARP Results for Adult Residents, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Residential Grid Locations	-1.81E-10			8.60E-06			2.40E-05		
		Minimum of Residential Grid Locations	-3.67E-09			-2.60E-06			-5.10E-05		
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
				Existing			**Existing**			**Existing**	
X	**Y**	**Location**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**
370279	3755239	300	2.56E-09	3.07E-09	-5.10E-10	5.44E-05	4.79E-05	6.50E-06	3.45E-04	3.82E-04	-3.70E-05
370177	3755240	301	2.56E-09	3.08E-09	-5.20E-10	5.46E-05	4.81E-05	6.50E-06	3.30E-04	3.68E-04	-3.80E-05
370076	3755240	302	2.56E-09	3.07E-09	-5.10E-10	5.44E-05	4.79E-05	6.50E-06	3.44E-04	3.75E-04	-3.10E-05
369979	3755241	303	2.53E-09	3.04E-09	-5.10E-10	5.38E-05	4.75E-05	6.30E-06	3.27E-04	3.73E-04	-4.60E-05
369883	3755241	304	2.50E-09	3.00E-09	-5.00E-10	5.31E-05	4.69E-05	6.20E-06	3.27E-04	3.51E-04	-2.40E-05
369690	3755242	306	2.44E-09	2.94E-09	-5.00E-10	5.18E-05	4.60E-05	5.80E-06	3.00E-04	3.51E-04	-5.10E-05
369594	3755243	307	2.42E-09	2.93E-09	-5.10E-10	5.15E-05	4.58E-05	5.70E-06	2.99E-04	3.32E-04	-3.30E-05
369498	3755243	308	2.42E-09	2.93E-09	-5.10E-10	5.14E-05	4.58E-05	5.60E-06	2.94E-04	3.38E-04	-4.40E-05
369396	3755244	309	2.41E-09	2.93E-09	-5.20E-10	5.13E-05	4.58E-05	5.50E-06	2.91E-04	3.28E-04	-3.70E-05
369295	3755244	310	2.41E-09	2.94E-09	-5.30E-10	5.13E-05	4.59E-05	5.40E-06	3.30E-04	3.18E-04	1.20E-05
369193	3755245	311	2.41E-09	2.94E-09	-5.30E-10	5.13E-05	4.59E-05	5.40E-06	3.35E-04	3.11E-04	2.40E-05
369092	3755245	312	2.41E-09	2.94E-09	-5.30E-10	5.13E-05	4.60E-05	5.30E-06	2.81E-04	3.02E-04	-2.10E-05
368991	3755246	313	2.41E-09	2.95E-09	-5.40E-10	5.13E-05	4.60E-05	5.30E-06	2.44E-04	2.79E-04	-3.50E-05
368889	3755247	314	2.41E-09	2.96E-09	-5.50E-10	5.14E-05	4.62E-05	5.20E-06	2.34E-04	2.54E-04	-2.00E-05
368782	3755247	315	2.42E-09	2.98E-09	-5.60E-10	5.15E-05	4.65E-05	5.00E-06	2.32E-04	2.54E-04	-2.20E-05
368676	3755248	316	2.43E-09	3.00E-09	-5.70E-10	5.17E-05	4.68E-05	4.90E-06	2.25E-04	2.48E-04	-2.30E-05
368569	3755248	317	2.43E-09	3.02E-09	-5.90E-10	5.18E-05	4.72E-05	4.60E-06	2.16E-04	2.37E-04	-2.10E-05
368471	3755249	318	2.43E-09	3.04E-09	-6.10E-10	5.18E-05	4.74E-05	4.40E-06	2.07E-04	2.27E-04	-2.00E-05
368373	3755249	319	2.42E-09	3.05E-09	-6.30E-10	5.17E-05	4.75E-05	4.20E-06	2.04E-04	2.17E-04	-1.30E-05
368275	3755250	320	2.41E-09	3.05E-09	-6.40E-10	5.15E-05	4.76E-05	3.90E-06	1.99E-04	2.05E-04	-6.00E-06
368167	3755230	321	2.35E-09	3.00E-09	-6.50E-10	5.02E-05	4.67E-05	3.50E-06	1.90E-04	1.96E-04	-6.00E-06
368054	3755209	322	2.29E-09	2.93E-09	-6.40E-10	4.89E-05	4.57E-05	3.20E-06	1.92E-04	1.88E-04	4.00E-06
367941	3755189	323	2.22E-09	2.87E-09	-6.50E-10	4.75E-05	4.46E-05	2.90E-06	1.93E-04	1.80E-04	1.30E-05
367824	3755185	324	2.19E-09	2.84E-09	-6.50E-10	4.67E-05	4.42E-05	2.50E-06	1.92E-04	1.75E-04	1.70E-05
367711	3755181	325	2.15E-09	2.80E-09	-6.50E-10	4.59E-05	4.36E-05	2.30E-06	1.87E-04	1.72E-04	1.50E-05
367598	3755178	326	2.10E-09	2.76E-09	-6.60E-10	4.50E-05	4.29E-05	2.10E-06	1.79E-04	1.66E-04	1.30E-05
367484	3755174	327	2.06E-09	2.72E-09	-6.60E-10	4.40E-05	4.22E-05	1.80E-06	1.75E-04	1.61E-04	1.40E-05
367461	3755189	328	2.07E-09	2.73E-09	-6.60E-10	4.43E-05	4.25E-05	1.80E-06	1.76E-04	1.63E-04	1.30E-05
367415	3755295	329	2.18E-09	2.90E-09	-7.20E-10	4.67E-05	4.50E-05	1.70E-06	1.74E-04	1.62E-04	1.20E-05
367369	3755401	330	2.29E-09	3.05E-09	-7.60E-10	4.90E-05	4.75E-05	1.50E-06	1.77E-04	1.64E-04	1.30E-05
367324	3755507	331	2.38E-09	3.20E-09	-8.20E-10	5.11E-05	4.97E-05	1.40E-06	1.74E-04	1.59E-04	1.50E-05
367484	3755199	332	2.09E-09	2.76E-09	-6.70E-10	4.47E-05	4.29E-05	1.80E-06	1.77E-04	1.63E-04	1.40E-05
367301	3755623	333	2.50E-09	3.36E-09	-8.60E-10	5.35E-05	5.22E-05	1.30E-06	1.72E-04	1.57E-04	1.50E-05
367114	3756056	334	2.68E-09	3.65E-09	-9.70E-10	5.75E-05	5.67E-05	8.00E-07	1.76E-04	1.63E-04	1.30E-05
366985	3756358	335	2.63E-09	3.60E-09	-9.70E-10	5.65E-05	5.59E-05	6.00E-07	1.69E-04	1.57E-04	1.20E-05
366853	3756663	336	2.46E-09	3.36E-09	-9.00E-10	5.28E-05	5.21E-05	7.00E-07	1.68E-04	1.56E-04	1.20E-05
366902	3756692	337	2.51E-09	3.41E-09	-9.00E-10	5.37E-05	5.29E-05	8.00E-07	1.68E-04	1.56E-04	1.20E-05
366876	3756760	338	2.45E-09	3.34E-09	-8.90E-10	5.26E-05	5.18E-05	8.00E-07	1.63E-04	1.54E-04	9.00E-06
366813	3756739	339	2.40E-09	3.27E-09	-8.70E-10	5.15E-05	5.07E-05	8.00E-07	1.63E-04	1.51E-04	1.20E-05
366677	3757025	340	2.15E-09	2.92E-09	-7.70E-10	4.61E-05	4.52E-05	9.00E-07	1.54E-04	1.47E-04	7.00E-06
366536	3757322	341	1.87E-09	2.53E-09	-6.60E-10	4.01E-05	3.93E-05	8.00E-07	1.55E-04	1.49E-04	6.00E-06
366437	3757531	342	1.68E-09	2.28E-09	-6.00E-10	3.61E-05	3.53E-05	8.00E-07	1.51E-04	1.46E-04	5.00E-06
366487	3757537	343	1.70E-09	2.30E-09	-6.00E-10	3.65E-05	3.57E-05	8.00E-07	1.52E-04	1.46E-04	6.00E-06
366624	3757468	344	1.82E-09	2.46E-09	-6.40E-10	3.91E-05	3.82E-05	9.00E-07	1.57E-04	1.50E-04	7.00E-06
366644	3757531	345	1.79E-09	2.41E-09	-6.20E-10	3.84E-05	3.74E-05	1.00E-06	1.56E-04	1.50E-04	6.00E-06
366777	3757520	346	1.87E-09	2.51E-09	-6.40E-10	4.01E-05	3.90E-05	1.10E-06	1.60E-04	1.53E-04	7.00E-06
366999	3757642	347	1.89E-09	2.52E-09	-6.30E-10	4.05E-05	3.91E-05	1.40E-06	1.67E-04	1.59E-04	8.00E-06
367174	3757740	348	1.89E-09	2.51E-09	-6.20E-10	4.05E-05	3.89E-05	1.60E-06	1.74E-04	1.63E-04	1.10E-05
367291	3757694	349	2.00E-09	2.65E-09	-6.50E-10	4.29E-05	4.11E-05	1.80E-06	1.78E-04	1.66E-04	1.20E-05
367413	3757695	350	2.07E-09	2.73E-09	-6.60E-10	4.44E-05	4.24E-05	2.00E-06	1.83E-04	1.68E-04	1.50E-05
367410	3757736	351	2.02E-09	2.66E-09	-6.40E-10	4.33E-05	4.14E-05	1.90E-06	1.81E-04	1.65E-04	1.60E-05
367518	3757796	352	2.01E-09	2.64E-09	-6.30E-10	4.30E-05	4.10E-05	2.00E-06	1.82E-04	1.68E-04	1.40E-05
367539	3757802	353	2.01E-09	2.64E-09	-6.30E-10	4.31E-05	4.11E-05	2.00E-06	1.83E-04	1.68E-04	1.50E-05
367609	3757677	354	2.22E-09	2.91E-09	-6.90E-10	4.75E-05	4.52E-05	2.30E-06	1.88E-04	1.70E-04	1.80E-05
367769	3757644	355	2.38E-09	3.10E-09	-7.20E-10	5.09E-05	4.82E-05	2.70E-06	1.91E-04	1.83E-04	8.00E-06
367775	3757719	356	2.27E-09	2.95E-09	-6.80E-10	4.85E-05	4.59E-05	2.60E-06	1.92E-04	1.79E-04	1.30E-05
367809	3757835	357	2.12E-09	2.76E-09	-6.40E-10	4.53E-05	4.29E-05	2.40E-06	1.83E-04	1.72E-04	1.10E-05
367807	3757936	358	1.97E-09	2.58E-09	-6.10E-10	4.23E-05	4.01E-05	2.20E-06	1.90E-04	1.74E-04	1.60E-05
367775	3757959	359	1.93E-09	2.53E-09	-6.00E-10	4.13E-05	3.93E-05	2.00E-06	1.89E-04	1.72E-04	1.70E-05
367798	3758011	360	1.87E-09	2.45E-09	-5.80E-10	4.01E-05	3.82E-05	1.90E-06	1.88E-04	1.72E-04	1.60E-05
367914	3757962	361	1.99E-09	2.60E-09	-6.10E-10	4.26E-05	4.04E-05	2.20E-06	1.92E-04	1.83E-04	9.00E-06
367905	3757930	362	2.03E-09	2.64E-09	-6.10E-10	4.34E-05	4.11E-05	2.30E-06	1.94E-04	1.83E-04	1.10E-05
368109	3757840	363	2.27E-09	2.94E-09	-6.70E-10	4.86E-05	4.58E-05	2.80E-06	2.00E-04	2.04E-04	-4.00E-06
368233	3757790	364	2.44E-09	3.14E-09	-7.00E-10	5.21E-05	4.89E-05	3.20E-06	2.07E-04	2.19E-04	-1.20E-05
368309	3757762	365	2.55E-09	3.27E-09	-7.20E-10	5.44E-05	5.09E-05	3.50E-06	2.14E-04	2.28E-04	-1.40E-05
368603	3757765	366	2.73E-09	3.47E-09	-7.40E-10	5.83E-05	5.40E-05	4.30E-06	2.26E-04	2.50E-04	-2.40E-05
368604	3757719	367	2.85E-09	3.62E-09	-7.70E-10	6.09E-05	5.63E-05	4.60E-06	2.33E-04	2.59E-04	-2.60E-05
368770	3757799	368	2.74E-09	3.46E-09	-7.20E-10	5.85E-05	5.39E-05	4.60E-06	2.51E-04	2.76E-04	-2.50E-05
369017	3757954	369	2.39E-09	2.97E-09	-5.80E-10	5.09E-05	4.62E-05	4.70E-06	2.54E-04	2.82E-04	-2.80E-05
369080	3757864	370	2.64E-09	3.27E-09	-6.30E-10	5.63E-05	5.10E-05	5.30E-06	2.68E-04	2.99E-04	-3.10E-05
369224	3757952	371	2.36E-09	2.88E-09	-5.20E-10	5.04E-05	4.49E-05	5.50E-06	2.79E-04	3.12E-04	-3.30E-05
369409	3757730	372	3.11E-09	3.69E-09	-5.80E-10	6.62E-05	5.76E-05	8.60E-06	3.56E-04	3.73E-04	-1.70E-05
369454	3757776	373	2.87E-09	3.41E-09	-5.40E-10	6.12E-05	5.32E-05	8.00E-06	3.38E-04	3.60E-04	-2.20E-05
369265	3757997	374	2.23E-09	2.70E-09	-4.70E-10	4.74E-05	4.22E-05	5.20E-06	2.72E-04	2.98E-04	-2.60E-05
369452	3758128	375	1.84E-09	2.20E-09	-3.60E-10	3.92E-05	3.43E-05	4.90E-06	2.69E-04	3.07E-04	-3.80E-05
369460	3758394	376	1.40E-09	1.70E-09	-3.00E-10	2.99E-05	2.65E-05	3.40E-06	2.39E-04	2.51E-04	-1.20E-05

Table 6-1
Summary of HARP Results for Adult Residents, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Residential Grid Locations	-1.81E-10			8.60E-06			2.40E-05		
		Minimum of Residential Grid Locations	-3.67E-09			-2.60E-06			-5.10E-05		
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
				Existing			**Existing**			**Existing**	
X	**Y**	**Location**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**
369853	3758394	377	1.43E-09	1.74E-09	-3.10E-10	3.05E-05	2.72E-05	3.30E-06	2.58E-04	2.81E-04	-2.30E-05
369850	3758078	378	1.89E-09	2.25E-09	-3.60E-10	4.01E-05	3.51E-05	5.00E-06	3.09E-04	3.29E-04	-2.00E-05
370886	3758089	384	2.75E-09	3.52E-09	-7.70E-10	5.86E-05	5.49E-05	3.70E-06	3.00E-04	3.26E-04	-2.60E-05
371193	3757720	391	8.00E-09	1.07E-08	-2.70E-09	1.71E-04	1.66E-04	5.00E-06	3.50E-04	3.72E-04	-2.20E-05
371254	3757762	392	7.75E-09	1.04E-08	-2.65E-09	1.66E-04	1.62E-04	4.00E-06	3.29E-04	3.54E-04	-2.50E-05
371264	3757783	393	7.48E-09	1.00E-08	-2.52E-09	1.60E-04	1.56E-04	4.00E-06	3.23E-04	3.50E-04	-2.70E-05
371372	3757782	394	8.23E-09	1.11E-08	-2.87E-09	1.76E-04	1.72E-04	4.00E-06	2.98E-04	3.21E-04	-2.30E-05
371399	3757806	395	7.99E-09	1.08E-08	-2.81E-09	1.71E-04	1.68E-04	3.00E-06	2.89E-04	3.13E-04	-2.40E-05
371798	3758080	396	6.17E-09	8.48E-09	-2.31E-09	1.33E-04	1.31E-04	2.00E-06	2.32E-04	2.39E-04	-7.00E-06
371908	3757934	397	7.83E-09	1.08E-08	-2.97E-09	1.68E-04	1.67E-04	1.00E-06	2.36E-04	2.48E-04	-1.20E-05
371964	3757922	398	7.98E-09	1.10E-08	-3.02E-09	1.71E-04	1.70E-04	1.00E-06	2.33E-04	2.41E-04	-8.00E-06
370667	3755262	442	2.40E-09	2.87E-09	-4.70E-10	5.12E-05	4.47E-05	6.50E-06	3.24E-04	3.59E-04	-3.50E-05
370380	3755263	443	2.58E-09	3.09E-09	-5.10E-10	5.50E-05	4.83E-05	6.70E-06	3.53E-04	3.77E-04	-2.40E-05
370076	3755265	444	2.62E-09	3.14E-09	-5.20E-10	5.58E-05	4.90E-05	6.80E-06	3.52E-04	3.82E-04	-3.00E-05
369498	3755268	446	2.48E-09	3.00E-09	-5.20E-10	5.26E-05	4.68E-05	5.80E-06	2.98E-04	3.44E-04	-4.60E-05
369194	3755270	447	2.47E-09	3.01E-09	-5.40E-10	5.25E-05	4.70E-05	5.50E-06	3.29E-04	3.16E-04	1.30E-05
368889	3755272	448	2.48E-09	3.03E-09	-5.50E-10	5.27E-05	4.73E-05	5.40E-06	2.38E-04	2.59E-04	-2.10E-05
368569	3755273	449	2.49E-09	3.10E-09	-6.10E-10	5.31E-05	4.83E-05	4.80E-06	2.16E-04	2.38E-04	-2.20E-05
368275	3755275	450	2.47E-09	3.13E-09	-6.60E-10	5.26E-05	4.87E-05	3.90E-06	1.99E-04	2.06E-04	-7.00E-06
367936	3755213	451	2.27E-09	2.93E-09	-6.60E-10	4.84E-05	4.55E-05	2.90E-06	1.95E-04	1.81E-04	1.40E-05

Note: Shaded cells indicate locations where cancer risk, non-cancer hazards, or acute hazards were highest.

Table 6-2
Summary of HARP Results for Workers, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Commercial Grid Locations			1.20E-09			1.53E-03			7.10E-05
		Minimum of Commercial Grid Locations			-1.88E-09			-3.00E-07			-8.00E-05
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
X	**Y**	**Location**	**New CUP**	**Existing CUP**	**Incremental**	**New CUP**	**Existing CUP**	**Incremental**	**New CUP**	**Existing CUP**	**Incremental**
370479	3756654	29	4.88E-08	4.76E-08	1.20E-09	5.29E-03	3.76E-03	1.53E-03	2.32E-03	2.40E-03	-8.00E-05
370911	3758089	141	5.54E-10	7.12E-10	-1.58E-10	5.99E-05	5.63E-05	3.60E-06	2.95E-04	3.20E-04	-2.50E-05
370911	3757976	142	6.57E-10	8.48E-10	-1.91E-10	7.10E-05	6.70E-05	4.00E-06	3.17E-04	3.33E-04	-1.60E-05
370911	3757863	143	7.99E-10	1.04E-09	-2.41E-10	8.64E-05	8.18E-05	4.60E-06	3.41E-04	3.73E-04	-3.20E-05
370910	3757751	144	1.01E-09	1.31E-09	-3.00E-10	1.09E-04	1.03E-04	6.00E-06	4.02E-04	4.07E-04	-5.00E-06
370930	3757712	145	1.13E-09	1.47E-09	-3.40E-10	1.22E-04	1.16E-04	6.00E-06	4.19E-04	4.11E-04	8.00E-06
370961	3757689	146	1.25E-09	1.64E-09	-3.90E-10	1.35E-04	1.29E-04	6.00E-06	4.18E-04	4.03E-04	1.50E-05
371046	3757693	147	1.40E-09	1.86E-09	-4.60E-10	1.52E-04	1.47E-04	5.00E-06	3.64E-04	3.88E-04	-2.40E-05
371071	3757668	148	1.54E-09	2.05E-09	-5.10E-10	1.67E-04	1.62E-04	5.00E-06	3.71E-04	3.94E-04	-2.30E-05
371071	3757585	149	1.92E-09	2.54E-09	-6.20E-10	2.08E-04	2.00E-04	8.00E-06	4.17E-04	4.18E-04	-1.00E-06
371047	3757610	150	1.74E-09	2.30E-09	-5.60E-10	1.88E-04	1.81E-04	7.00E-06	4.05E-04	4.13E-04	-8.00E-06
371122	3757609	151	1.92E-09	2.55E-09	-6.30E-10	2.08E-04	2.01E-04	7.00E-06	3.98E-04	4.04E-04	-6.00E-06
371099	3757595	152	1.94E-09	2.57E-09	-6.30E-10	2.10E-04	2.02E-04	8.00E-06	4.08E-04	4.11E-04	-3.00E-06
371135	3757663	153	1.70E-09	2.26E-09	-5.60E-10	1.84E-04	1.78E-04	6.00E-06	3.76E-04	3.92E-04	-1.60E-05
371995	3757843	168	1.73E-09	2.37E-09	-6.40E-10	1.88E-04	1.86E-04	2.00E-06	2.32E-04	2.40E-04	-8.00E-06
371969	3757867	169	1.68E-09	2.31E-09	-6.30E-10	1.83E-04	1.82E-04	1.00E-06	2.35E-04	2.42E-04	-7.00E-06
372023	3757868	170	1.67E-09	2.30E-09	-6.30E-10	1.82E-04	1.81E-04	1.00E-06	2.28E-04	2.35E-04	-7.00E-06
372048	3757843	171	1.71E-09	2.36E-09	-6.50E-10	1.87E-04	1.85E-04	2.00E-06	2.26E-04	2.35E-04	-9.00E-06
372047	3757746	172	1.89E-09	2.59E-09	-7.00E-10	2.06E-04	2.03E-04	3.00E-06	2.33E-04	2.44E-04	-1.10E-05
372046	3757649	173	2.06E-09	2.81E-09	-7.50E-10	2.24E-04	2.21E-04	3.00E-06	2.42E-04	2.56E-04	-1.40E-05
372045	3757551	174	2.20E-09	3.01E-09	-8.10E-10	2.40E-04	2.36E-04	4.00E-06	2.44E-04	2.59E-04	-1.50E-05
372041	3757448	175	2.33E-09	3.18E-09	-8.50E-10	2.54E-04	2.49E-04	5.00E-06	2.44E-04	2.63E-04	-1.90E-05
372036	3757345	176	2.41E-09	3.28E-09	-8.70E-10	2.62E-04	2.57E-04	5.00E-06	2.50E-04	2.73E-04	-2.30E-05
372032	3757242	177	2.43E-09	3.29E-09	-8.60E-10	2.64E-04	2.58E-04	6.00E-06	2.60E-04	2.85E-04	-2.50E-05
372027	3757139	178	2.37E-09	3.22E-09	-8.50E-10	2.58E-04	2.52E-04	6.00E-06	2.60E-04	2.81E-04	-2.10E-05
372003	3757115	179	2.41E-09	3.26E-09	-8.50E-10	2.62E-04	2.56E-04	6.00E-06	2.64E-04	2.85E-04	-2.10E-05
371881	3757114	180	2.75E-09	3.70E-09	-9.50E-10	2.99E-04	2.91E-04	8.00E-06	2.82E-04	3.10E-04	-2.80E-05
371758	3757113	181	3.16E-09	4.22E-09	-1.06E-09	3.44E-04	3.31E-04	1.30E-05	3.13E-04	3.40E-04	-2.70E-05
371636	3757112	182	3.65E-09	4.84E-09	-1.19E-09	3.97E-04	3.80E-04	1.70E-05	3.45E-04	3.70E-04	-2.50E-05
371514	3757111	183	4.23E-09	5.55E-09	-1.32E-09	4.60E-04	4.36E-04	2.40E-05	3.76E-04	3.95E-04	-1.90E-05
371394	3757110	184	4.90E-09	6.36E-09	-1.46E-09	5.33E-04	5.00E-04	3.30E-05	4.12E-04	4.23E-04	-1.10E-05
371275	3757110	185	5.68E-09	7.25E-09	-1.57E-09	6.17E-04	5.69E-04	4.80E-05	4.56E-04	4.59E-04	-3.00E-06
371155	3757109	186	6.58E-09	8.15E-09	-1.57E-09	7.15E-04	6.40E-04	7.50E-05	5.33E-04	5.30E-04	3.00E-06
371035	3757108	187	7.39E-09	8.91E-09	-1.52E-09	8.02E-04	7.01E-04	1.01E-04	5.81E-04	5.97E-04	-1.60E-05
371060	3757133	188	6.85E-09	8.34E-09	-1.49E-09	7.43E-04	6.56E-04	8.70E-05	5.62E-04	5.73E-04	-1.10E-05
371059	3757085	189	7.58E-09	9.15E-09	-1.57E-09	8.22E-04	7.19E-04	1.03E-04	5.84E-04	5.97E-04	-1.30E-05
371034	3757060	190	8.19E-09	9.76E-09	-1.57E-09	8.88E-04	7.68E-04	1.20E-04	6.05E-04	6.24E-04	-1.90E-05
370944	3757061	191	8.93E-09	1.04E-08	-1.47E-09	9.67E-04	8.18E-04	1.49E-04	6.79E-04	6.80E-04	-1.00E-06
370854	3757061	192	9.12E-09	1.06E-08	-1.48E-09	9.85E-04	8.36E-04	1.49E-04	7.61E-04	7.53E-04	8.00E-06
370764	3757062	193	8.56E-09	1.01E-08	-1.54E-09	9.23E-04	7.98E-04	1.25E-04	8.82E-04	8.25E-04	5.70E-05
370789	3757086	194	7.88E-09	9.37E-09	-1.49E-09	8.51E-04	7.39E-04	1.12E-04	8.28E-04	7.85E-04	4.30E-05
370786	3756996	195	1.18E-08	1.33E-08	-1.50E-09	1.27E-03	1.05E-03	2.20E-04	8.63E-04	8.55E-04	8.00E-06
370782	3756907	196	1.66E-08	1.75E-08	-9.00E-10	1.80E-03	1.38E-03	4.20E-04	9.37E-04	9.38E-04	-1.00E-06
370779	3756817	197	1.97E-08	2.03E-08	-6.00E-10	2.13E-03	1.59E-03	5.40E-04	9.39E-04	1.00E-03	-6.10E-05
370755	3756843	198	2.02E-08	2.09E-08	-7.00E-10	2.18E-03	1.64E-03	5.40E-04	1.06E-03	1.02E-03	4.00E-05
370847	3756839	199	1.59E-08	1.71E-08	-1.20E-09	1.72E-03	1.34E-03	3.80E-04	8.08E-04	8.84E-04	-7.60E-05
370940	3756836	200	1.22E-08	1.38E-08	-1.60E-09	1.32E-03	1.09E-03	2.30E-04	7.17E-04	7.80E-04	-6.30E-05
371032	3756832	201	9.44E-09	1.12E-08	-1.76E-09	1.02E-03	8.80E-04	1.40E-04	6.38E-04	6.92E-04	-5.40E-05
371056	3756809	202	8.54E-09	1.04E-08	-1.86E-09	9.27E-04	8.14E-04	1.13E-04	6.24E-04	6.75E-04	-5.10E-05
371058	3756782	203	8.12E-09	9.92E-09	-1.80E-09	8.82E-04	7.80E-04	1.02E-04	6.36E-04	6.78E-04	-4.20E-05
371034	3756805	204	9.02E-09	1.09E-08	-1.88E-09	9.79E-04	8.53E-04	1.26E-04	6.44E-04	6.96E-04	-5.20E-05
371146	3756803	205	6.79E-09	8.49E-09	-1.70E-09	7.38E-04	6.67E-04	7.10E-05	5.82E-04	6.03E-04	-2.10E-05
371259	3756800	206	5.31E-09	6.80E-09	-1.49E-09	5.77E-04	5.34E-04	4.30E-05	5.24E-04	5.31E-04	-7.00E-06
371371	3756798	207	4.27E-09	5.56E-09	-1.29E-09	4.64E-04	4.36E-04	2.80E-05	4.66E-04	4.67E-04	-1.00E-06
371484	3756795	208	3.51E-09	4.62E-09	-1.11E-09	3.81E-04	3.63E-04	1.80E-05	4.14E-04	4.22E-04	-8.00E-06
371595	3756793	209	2.94E-09	3.91E-09	-9.70E-10	3.20E-04	3.07E-04	1.30E-05	3.71E-04	3.88E-04	-1.70E-05
371706	3756791	210	2.50E-09	3.34E-09	-8.40E-10	2.72E-04	2.63E-04	9.00E-06	3.34E-04	3.57E-04	-2.30E-05
371818	3756788	211	2.15E-09	2.90E-09	-7.50E-10	2.34E-04	2.27E-04	7.00E-06	3.02E-04	3.28E-04	-2.60E-05
371932	3756786	212	1.86E-09	2.53E-09	-6.70E-10	2.03E-04	1.98E-04	5.00E-06	2.77E-04	3.03E-04	-2.60E-05
372046	3756783	213	1.63E-09	2.22E-09	-5.90E-10	1.78E-04	1.74E-04	4.00E-06	2.61E-04	2.81E-04	-2.00E-05
372161	3756780	214	1.44E-09	1.97E-09	-5.30E-10	1.57E-04	1.55E-04	2.00E-06	2.50E-04	2.64E-04	-1.40E-05
372275	3756778	215	1.28E-09	1.76E-09	-4.80E-10	1.39E-04	1.38E-04	1.00E-06	2.40E-04	2.48E-04	-8.00E-06
372385	3756776	216	1.15E-09	1.59E-09	-4.40E-10	1.26E-04	1.25E-04	1.00E-06	2.30E-04	2.34E-04	-4.00E-06
372494	3756773	217	1.04E-09	1.44E-09	-4.00E-10	1.14E-04	1.13E-04	1.00E-06	2.21E-04	2.21E-04	0.00E+00
372604	3756771	218	9.48E-10	1.32E-09	-3.72E-10	1.03E-04	1.03E-04	0.00E+00	2.12E-04	2.10E-04	2.00E-06
372714	3756768	219	8.66E-10	1.21E-09	-3.44E-10	9.43E-05	9.45E-05	-2.00E-07	2.04E-04	1.99E-04	5.00E-06
372738	3756742	220	8.22E-10	1.14E-09	-3.18E-10	8.94E-05	8.97E-05	-3.00E-07	2.02E-04	1.98E-04	4.00E-06
372733	3756647	221	7.24E-10	1.01E-09	-2.86E-10	7.88E-05	7.91E-05	-3.00E-07	2.07E-04	2.04E-04	3.00E-06
372820	3756574	222	6.15E-10	8.56E-10	-2.41E-10	6.69E-05	6.72E-05	-3.00E-07	2.01E-04	1.95E-04	6.00E-06
372844	3756548	223	5.83E-10	8.12E-10	-2.29E-10	6.34E-05	6.37E-05	-3.00E-07	1.98E-04	1.92E-04	6.00E-06
372839	3756454	224	5.09E-10	7.07E-10	-1.98E-10	5.53E-05	5.55E-05	-2.00E-07	1.83E-04	1.85E-04	-2.00E-06
372821	3756363	225	4.47E-10	6.19E-10	-1.72E-10	4.86E-05	4.86E-05	0.00E+00	1.83E-04	1.79E-04	4.00E-06
372796	3756343	226	4.40E-10	6.08E-10	-1.68E-10	4.78E-05	4.77E-05	1.00E-07	1.87E-04	1.84E-04	3.00E-06
372731	3756328	227	4.44E-10	6.13E-10	-1.69E-10	4.83E-05	4.81E-05	2.00E-07	1.95E-04	1.92E-04	3.00E-06
372707	3756352	228	4.68E-10	6.45E-10	-1.77E-10	5.08E-05	5.07E-05	1.00E-07	1.94E-04	1.92E-04	2.00E-06

Table 6-2
Summary of HARP Results for Workers, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Commercial Grid Locations			1.20E-09			1.53E-03			7.10E-05
		Minimum of Commercial Grid Locations			-1.88E-09			-3.00E-07			-8.00E-05
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
				Existing			**Existing**			**Existing**	
X	**Y**	**Location**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**	**New CUP**	**CUP**	**Incremental**
372928	3756344	229	4.12E-10	5.71E-10	-1.59E-10	4.48E-05	4.48E-05	0.00E+00	1.76E-04	1.71E-04	5.00E-06
372952	3756319	230	3.92E-10	5.43E-10	-1.51E-10	4.26E-05	4.26E-05	0.00E+00	1.77E-04	1.71E-04	6.00E-06
372951	3756245	231	3.53E-10	4.86E-10	-1.33E-10	3.83E-05	3.82E-05	1.00E-07	1.85E-04	1.76E-04	9.00E-06
372927	3756270	232	3.70E-10	5.10E-10	-1.40E-10	4.02E-05	4.01E-05	1.00E-07	1.84E-04	1.77E-04	7.00E-06
373033	3756268	233	3.51E-10	4.86E-10	-1.35E-10	3.82E-05	3.82E-05	0.00E+00	1.79E-04	1.68E-04	1.10E-05
373139	3756266	234	3.34E-10	4.63E-10	-1.29E-10	3.63E-05	3.64E-05	-1.00E-07	1.74E-04	1.59E-04	1.50E-05
373245	3756264	235	3.18E-10	4.42E-10	-1.24E-10	3.46E-05	3.47E-05	-1.00E-07	1.69E-04	1.51E-04	1.80E-05
373351	3756262	236	3.03E-10	4.22E-10	-1.19E-10	3.30E-05	3.31E-05	-1.00E-07	1.65E-04	1.44E-04	2.10E-05
373457	3756261	237	2.89E-10	4.04E-10	-1.15E-10	3.15E-05	3.17E-05	-2.00E-07	1.60E-04	1.38E-04	2.20E-05
373482	3756235	238	2.78E-10	3.87E-10	-1.09E-10	3.02E-05	3.04E-05	-2.00E-07	1.62E-04	1.41E-04	2.10E-05
373480	3756123	239	2.43E-10	3.37E-10	-9.40E-11	2.64E-05	2.65E-05	-1.00E-07	1.72E-04	1.53E-04	1.90E-05
373479	3756010	240	2.14E-10	2.94E-10	-8.00E-11	2.33E-05	2.31E-05	2.00E-07	1.71E-04	1.55E-04	1.60E-05
373477	3755897	241	1.90E-10	2.60E-10	-7.00E-11	2.07E-05	2.04E-05	3.00E-07	1.59E-04	1.45E-04	1.40E-05
373476	3755785	242	1.71E-10	2.31E-10	-6.00E-11	1.86E-05	1.82E-05	4.00E-07	1.39E-04	1.40E-04	-1.00E-06
373474	3755672	243	1.56E-10	2.09E-10	-5.30E-11	1.70E-05	1.65E-05	5.00E-07	1.39E-04	1.40E-04	-1.00E-06
373473	3755559	244	1.45E-10	1.92E-10	-4.70E-11	1.57E-05	1.51E-05	6.00E-07	1.58E-04	1.38E-04	2.00E-05
373447	3755535	245	1.44E-10	1.90E-10	-4.60E-11	1.56E-05	1.50E-05	6.00E-07	1.62E-04	1.43E-04	1.90E-05
373334	3755539	246	1.49E-10	1.97E-10	-4.80E-11	1.62E-05	1.55E-05	7.00E-07	1.70E-04	1.51E-04	1.90E-05
373221	3755544	247	1.56E-10	2.04E-10	-4.80E-11	1.69E-05	1.60E-05	9.00E-07	1.77E-04	1.57E-04	2.00E-05
373197	3755568	248	1.59E-10	2.09E-10	-5.00E-11	1.72E-05	1.64E-05	8.00E-07	1.77E-04	1.56E-04	2.10E-05
373196	3755636	249	1.66E-10	2.19E-10	-5.30E-11	1.80E-05	1.73E-05	7.00E-07	1.70E-04	1.52E-04	1.80E-05
373194	3755705	250	1.75E-10	2.32E-10	-5.70E-11	1.90E-05	1.83E-05	7.00E-07	1.59E-04	1.51E-04	8.00E-06
373220	3755680	251	1.70E-10	2.26E-10	-5.60E-11	1.85E-05	1.78E-05	7.00E-07	1.61E-04	1.49E-04	1.20E-05
373135	3755679	252	1.75E-10	2.31E-10	-5.60E-11	1.90E-05	1.82E-05	8.00E-07	1.68E-04	1.56E-04	1.20E-05
373160	3755704	253	1.77E-10	2.34E-10	-5.70E-11	1.92E-05	1.84E-05	8.00E-07	1.62E-04	1.53E-04	9.00E-06
373158	3755635	254	1.68E-10	2.22E-10	-5.40E-11	1.82E-05	1.74E-05	8.00E-07	1.73E-04	1.54E-04	1.90E-05
373156	3755566	255	1.61E-10	2.11E-10	-5.00E-11	1.75E-05	1.66E-05	9.00E-07	1.79E-04	1.59E-04	2.00E-05
373132	3755542	256	1.60E-10	2.09E-10	-4.90E-11	1.74E-05	1.65E-05	9.00E-07	1.82E-04	1.62E-04	2.00E-05
373055	3755538	257	1.64E-10	2.14E-10	-5.00E-11	1.78E-05	1.68E-05	1.00E-06	1.85E-04	1.66E-04	1.90E-05
373079	3755562	258	1.65E-10	2.15E-10	-5.00E-11	1.79E-05	1.70E-05	9.00E-07	1.84E-04	1.64E-04	2.00E-05
373077	3755465	259	1.57E-10	2.03E-10	-4.60E-11	1.70E-05	1.60E-05	1.00E-06	1.84E-04	1.66E-04	1.80E-05
373075	3755368	260	1.51E-10	1.94E-10	-4.30E-11	1.64E-05	1.53E-05	1.10E-06	1.78E-04	1.64E-04	1.40E-05
373073	3755271	261	1.46E-10	1.87E-10	-4.10E-11	1.59E-05	1.48E-05	1.10E-06	1.65E-04	1.54E-04	1.10E-05
373071	3755174	262	1.43E-10	1.82E-10	-3.90E-11	1.55E-05	1.44E-05	1.10E-06	1.59E-04	1.46E-04	1.30E-05
373046	3755149	263	1.44E-10	1.83E-10	-3.90E-11	1.56E-05	1.44E-05	1.20E-06	1.58E-04	1.46E-04	1.20E-05
372939	3755150	264	1.51E-10	1.91E-10	-4.00E-11	1.63E-05	1.51E-05	1.20E-06	1.60E-04	1.53E-04	7.00E-06
372832	3755151	265	1.59E-10	2.01E-10	-4.20E-11	1.72E-05	1.58E-05	1.40E-06	1.65E-04	1.61E-04	4.00E-06
372725	3755152	266	1.68E-10	2.11E-10	-4.30E-11	1.82E-05	1.66E-05	1.60E-06	1.68E-04	1.67E-04	1.00E-06
372623	3755157	267	1.78E-10	2.22E-10	-4.40E-11	1.92E-05	1.75E-05	1.70E-06	1.70E-04	1.72E-04	-2.00E-06
372527	3755158	268	1.87E-10	2.33E-10	-4.60E-11	2.03E-05	1.84E-05	1.90E-06	1.72E-04	1.76E-04	-4.00E-06
372431	3755159	269	1.98E-10	2.45E-10	-4.70E-11	2.14E-05	1.94E-05	2.00E-06	1.73E-04	1.83E-04	-1.00E-05
372334	3755160	270	2.10E-10	2.59E-10	-4.90E-11	2.27E-05	2.05E-05	2.20E-06	1.88E-04	1.95E-04	-7.00E-06
372237	3755161	271	2.23E-10	2.74E-10	-5.10E-11	2.41E-05	2.16E-05	2.50E-06	2.01E-04	2.05E-04	-4.00E-06
372139	3755161	272	2.37E-10	2.90E-10	-5.30E-11	2.56E-05	2.29E-05	2.70E-06	2.12E-04	2.14E-04	-2.00E-06
372040	3755162	273	2.52E-10	3.07E-10	-5.50E-11	2.73E-05	2.43E-05	3.00E-06	2.19E-04	2.24E-04	-5.00E-06
371941	3755163	274	2.68E-10	3.26E-10	-5.80E-11	2.90E-05	2.57E-05	3.30E-06	2.22E-04	2.33E-04	-1.10E-05
371843	3755164	275	2.84E-10	3.44E-10	-6.00E-11	3.07E-05	2.72E-05	3.50E-06	2.18E-04	2.37E-04	-1.90E-05
371748	3755165	276	3.00E-10	3.63E-10	-6.30E-11	3.25E-05	2.86E-05	3.90E-06	2.29E-04	2.37E-04	-8.00E-06
371653	3755165	277	3.16E-10	3.81E-10	-6.50E-11	3.42E-05	3.01E-05	4.10E-06	2.43E-04	2.52E-04	-9.00E-06
371558	3755166	278	3.32E-10	3.98E-10	-6.60E-11	3.58E-05	3.15E-05	4.30E-06	2.54E-04	2.71E-04	-1.70E-05
371463	3755167	279	3.46E-10	4.15E-10	-6.90E-11	3.74E-05	3.28E-05	4.60E-06	2.57E-04	2.83E-04	-2.60E-05
371359	3755168	280	3.60E-10	4.31E-10	-7.10E-11	3.89E-05	3.41E-05	4.80E-06	2.49E-04	2.87E-04	-3.80E-05
371256	3755169	281	3.74E-10	4.46E-10	-7.20E-11	4.03E-05	3.53E-05	5.00E-06	2.68E-04	2.85E-04	-1.70E-05
371152	3755170	282	3.85E-10	4.60E-10	-7.50E-11	4.16E-05	3.64E-05	5.20E-06	2.81E-04	3.09E-04	-2.80E-05
371049	3755171	283	3.96E-10	4.73E-10	-7.70E-11	4.27E-05	3.74E-05	5.30E-06	2.79E-04	3.18E-04	-3.90E-05
371024	3755197	284	4.08E-10	4.85E-10	-7.70E-11	4.40E-05	3.84E-05	5.60E-06	2.85E-04	3.24E-04	-3.90E-05
371028	3755273	285	4.35E-10	5.14E-10	-7.90E-11	4.69E-05	4.07E-05	6.20E-06	3.06E-04	3.41E-04	-3.50E-05
371031	3755350	286	4.65E-10	5.45E-10	-8.00E-11	5.01E-05	4.32E-05	6.90E-06	3.27E-04	3.54E-04	-2.70E-05
371020	3755376	287	4.77E-10	5.58E-10	-8.10E-11	5.14E-05	4.42E-05	7.20E-06	3.35E-04	3.60E-04	-2.50E-05
371018	3755470	288	5.21E-10	6.03E-10	-8.20E-11	5.61E-05	4.78E-05	8.30E-06	3.59E-04	3.68E-04	-9.00E-06
371017	3755556	289	5.66E-10	6.49E-10	-8.30E-11	6.10E-05	5.14E-05	9.60E-06	3.74E-04	3.82E-04	-8.00E-06
371040	3755532	290	5.47E-10	6.29E-10	-8.20E-11	5.89E-05	4.98E-05	9.10E-06	3.61E-04	3.76E-04	-1.50E-05
371026	3755420	291	4.96E-10	5.77E-10	-8.10E-11	5.34E-05	4.57E-05	7.70E-06	3.46E-04	3.63E-04	-1.70E-05
371016	3755399	292	4.88E-10	5.70E-10	-8.20E-11	5.26E-05	4.51E-05	7.50E-06	3.42E-04	3.63E-04	-2.10E-05
370916	3755327	293	4.72E-10	5.55E-10	-8.30E-11	5.08E-05	4.39E-05	6.90E-06	3.20E-04	3.51E-04	-3.10E-05
370816	3755255	294	4.53E-10	5.38E-10	-8.50E-11	4.89E-05	4.26E-05	6.30E-06	3.26E-04	3.59E-04	-3.30E-05
370885	3757751	385	9.71E-10	1.25E-09	-2.79E-10	1.05E-04	9.91E-05	5.90E-06	4.00E-04	4.07E-04	-7.00E-06
370907	3757702	386	1.12E-09	1.45E-09	-3.30E-10	1.21E-04	1.15E-04	6.00E-06	4.27E-04	4.18E-04	9.00E-06
370945	3757670	387	1.28E-09	1.67E-09	-3.90E-10	1.38E-04	1.32E-04	6.00E-06	4.30E-04	4.10E-04	2.00E-05
371046	3757668	388	1.49E-09	1.98E-09	-4.90E-10	1.62E-04	1.56E-04	6.00E-06	3.69E-04	3.96E-04	-2.70E-05
371046	3757585	389	1.86E-09	2.46E-09	-6.00E-10	2.02E-04	1.94E-04	8.00E-06	4.19E-04	4.21E-04	-2.00E-06
371122	3757584	390	2.05E-09	2.72E-09	-6.70E-10	2.22E-04	2.14E-04	8.00E-06	4.06E-04	4.07E-04	-1.00E-06
371970	3757842	399	1.73E-09	2.38E-09	-6.50E-10	1.89E-04	1.87E-04	2.00E-06	2.35E-04	2.43E-04	-8.00E-06
372023	3757843	400	1.72E-09	2.36E-09	-6.40E-10	1.87E-04	1.86E-04	1.00E-06	2.29E-04	2.38E-04	-9.00E-06
372020	3757552	401	2.24E-09	3.05E-09	-8.10E-10	2.43E-04	2.39E-04	4.00E-06	2.47E-04	2.63E-04	-1.60E-05

Table 6-2
Summary of HARP Results for Workers, Inhalation Pathway , Horizon Year 2013, Baseline 2008, Lifetime Exposure, Mitigated

		Maximum of Commercial Grid Locations	1.20E-09			1.53E-03			7.10E-05		
		Minimum of Commercial Grid Locations	-1.88E-09			-3.00E-07			-8.00E-05		
			CANCER RISK			**CHRONIC NON-CANCER HAZARD**			**ACUTE HAZARD**		
X	**Y**	**Location**	**New CUP**	**Existing CUP**	**Incremental**	**New CUP**	**Existing CUP**	**Incremental**	**New CUP**	**Existing CUP**	**Incremental**
372002	3757140	402	2.43E-09	3.30E-09	-8.70E-10	2.65E-04	2.59E-04	6.00E-06	2.62E-04	2.86E-04	-2.40E-05
371514	3757136	403	4.21E-09	5.52E-09	-1.31E-09	4.58E-04	4.34E-04	2.40E-05	3.70E-04	3.88E-04	-1.80E-05
371035	3757133	404	6.89E-09	8.43E-09	-1.54E-09	7.47E-04	6.64E-04	8.30E-05	5.75E-04	5.86E-04	-1.10E-05
371034	3757085	405	7.77E-09	9.32E-09	-1.55E-09	8.43E-04	7.33E-04	1.10E-04	5.90E-04	6.11E-04	-2.10E-05
370764	3757087	406	7.60E-09	9.07E-09	-1.47E-09	8.19E-04	7.16E-04	1.03E-04	8.70E-04	7.99E-04	7.10E-05
370754	3756818	407	2.12E-08	2.15E-08	-3.00E-10	2.29E-03	1.69E-03	6.00E-04	1.03E-03	1.04E-03	-1.00E-05
371031	3756807	408	9.10E-09	1.09E-08	-1.80E-09	9.88E-04	8.59E-04	1.29E-04	6.46E-04	6.98E-04	-5.20E-05
371033	3756780	409	8.66E-09	1.05E-08	-1.84E-09	9.40E-04	8.23E-04	1.17E-04	6.48E-04	7.00E-04	-5.20E-05
371483	3756770	410	3.36E-09	4.42E-09	-1.06E-09	3.65E-04	3.47E-04	1.80E-05	4.09E-04	4.17E-04	-8.00E-06
371817	3756763	411	2.06E-09	2.78E-09	-7.20E-10	2.24E-04	2.18E-04	6.00E-06	3.00E-04	3.29E-04	-2.90E-05
372274	3756753	412	1.24E-09	1.70E-09	-4.60E-10	1.34E-04	1.33E-04	1.00E-06	2.42E-04	2.51E-04	-9.00E-06
372713	3756743	413	8.39E-10	1.17E-09	-3.31E-10	9.13E-05	9.15E-05	-2.00E-07	2.04E-04	2.00E-04	4.00E-06
372703	3756553	414	6.44E-10	8.94E-10	-2.50E-10	7.01E-05	7.01E-05	0.00E+00	2.05E-04	2.06E-04	-1.00E-06
372819	3756549	415	5.93E-10	8.26E-10	-2.33E-10	6.46E-05	6.48E-05	-2.00E-07	1.98E-04	1.94E-04	4.00E-06
372814	3756455	416	5.17E-10	7.18E-10	-2.01E-10	5.63E-05	5.64E-05	-1.00E-07	1.85E-04	1.87E-04	-2.00E-06
372797	3756368	417	4.57E-10	6.32E-10	-1.75E-10	4.97E-05	4.96E-05	1.00E-07	1.84E-04	1.81E-04	3.00E-06
372705	3756372	418	4.83E-10	6.67E-10	-1.84E-10	5.25E-05	5.24E-05	1.00E-07	1.92E-04	1.91E-04	1.00E-06
372706	3756327	419	4.50E-10	6.19E-10	-1.69E-10	4.88E-05	4.86E-05	2.00E-07	1.97E-04	1.95E-04	2.00E-06
372927	3756319	420	3.97E-10	5.50E-10	-1.53E-10	4.32E-05	4.32E-05	0.00E+00	1.79E-04	1.74E-04	5.00E-06
372926	3756245	421	3.57E-10	4.92E-10	-1.35E-10	3.88E-05	3.86E-05	2.00E-07	1.86E-04	1.78E-04	8.00E-06
373457	3756236	422	2.81E-10	3.91E-10	-1.10E-10	3.05E-05	3.07E-05	-2.00E-07	1.63E-04	1.41E-04	2.20E-05
373448	3755560	423	1.46E-10	1.93E-10	-4.70E-11	1.58E-05	1.52E-05	6.00E-07	1.59E-04	1.39E-04	2.00E-05
373222	3755569	424	1.58E-10	2.07E-10	-4.90E-11	1.71E-05	1.63E-05	8.00E-07	1.75E-04	1.54E-04	2.10E-05
373219	3755705	425	1.74E-10	2.31E-10	-5.70E-11	1.88E-05	1.82E-05	6.00E-07	1.56E-04	1.50E-04	6.00E-06
373135	3755704	426	1.78E-10	2.36E-10	-5.80E-11	1.93E-05	1.86E-05	7.00E-07	1.64E-04	1.55E-04	9.00E-06
373131	3755567	427	1.63E-10	2.13E-10	-5.00E-11	1.76E-05	1.67E-05	9.00E-07	1.81E-04	1.60E-04	2.10E-05
373054	3755563	428	1.67E-10	2.17E-10	-5.00E-11	1.81E-05	1.71E-05	1.00E-06	1.85E-04	1.65E-04	2.00E-05
373046	3755174	429	1.45E-10	1.84E-10	-3.90E-11	1.57E-05	1.45E-05	1.20E-06	1.60E-04	1.46E-04	1.40E-05
372725	3755177	430	1.69E-10	2.12E-10	-4.30E-11	1.83E-05	1.67E-05	1.60E-06	1.70E-04	1.68E-04	2.00E-06
372624	3755182	431	1.78E-10	2.23E-10	-4.50E-11	1.93E-05	1.76E-05	1.70E-06	1.73E-04	1.74E-04	-1.00E-06
372238	3755186	432	2.24E-10	2.75E-10	-5.10E-11	2.42E-05	2.17E-05	2.50E-06	2.00E-04	2.06E-04	-6.00E-06
371843	3755189	433	2.87E-10	3.47E-10	-6.00E-11	3.10E-05	2.74E-05	3.60E-06	2.23E-04	2.41E-04	-1.80E-05
371463	3755192	434	3.51E-10	4.20E-10	-6.90E-11	3.79E-05	3.32E-05	4.70E-06	2.61E-04	2.86E-04	-2.50E-05
371049	3755196	435	4.05E-10	4.82E-10	-7.70E-11	4.36E-05	3.81E-05	5.50E-06	2.86E-04	3.24E-04	-3.80E-05
371056	3755349	436	4.60E-10	5.40E-10	-8.00E-11	4.96E-05	4.28E-05	6.80E-06	3.24E-04	3.48E-04	-2.40E-05
371043	3755384	437	4.77E-10	5.58E-10	-8.10E-11	5.14E-05	4.42E-05	7.20E-06	3.35E-04	3.55E-04	-2.00E-05
371042	3755556	438	5.59E-10	6.41E-10	-8.20E-11	6.02E-05	5.08E-05	9.40E-06	3.62E-04	3.87E-04	-2.50E-05
370996	3755560	439	5.75E-10	6.57E-10	-8.20E-11	6.18E-05	5.21E-05	9.70E-06	3.84E-04	3.83E-04	1.00E-06
371001	3755419	440	5.00E-10	5.82E-10	-8.20E-11	5.39E-05	4.61E-05	7.80E-06	3.49E-04	3.69E-04	-2.00E-05
370801	3755276	441	4.64E-10	5.50E-10	-8.60E-11	5.00E-05	4.35E-05	6.50E-06	3.32E-04	3.66E-04	-3.40E-05

Note: Shaded cells indicate locations where cancer risk, non-cancer hazards, or acute hazards were highest.

Attachment 7

Incremental Cancer Risk and Chronic Hazard Calculations for the Direct Burial Alternative for LAX CUP-RP Construction Activities

Table	Title
Table 7-1A	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Residential Cancer Risks)
Table 7-1B	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Residential Hazards)
Table 7-1C	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated (Based on Peak Location of Commercial Cancer Risks)
Table 7-2A	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Cancer Risks)
Table 7-2B	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Residential Hazards)
Table 7-2C	Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated (Based on Peak Location of Commercial Cancer Risks)

Table 7-1A
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

	Toxicity Criteria					Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	4.13E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	1.98E-07	1.70E-08	5.66E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.41E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	2.37E-08	2.03E-09	6.76E-09
Bromine	5.17E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.66E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.12E-03	9.58E-05	3.19E-04
Silicon	2.18E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	1.69E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	2.14E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	2.11E-10	1.81E-11	8.55E-10	7.04E-10	4.79E-05	4.11E-06	1.37E-05
Cadmium	3.48E-07	6.30E+00	1.50E+01	NA	5.71E-06	4.29E-10	3.68E-11	1.74E-09	1.43E-09	5.84E-05	5.00E-06	1.67E-05
Copper	1.44E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.63E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.52E-08	1.30E-09	6.16E-08	5.07E-08	6.09E-06	5.22E-07	1.74E-06
Lead	6.25E-06	NA	4.20E-02	NA	NA	2.16E-11	1.85E-12	8.74E-11	7.20E-11	NC	NC	NC
Manganese	1.05E-05	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	3.90E-04	3.34E-05	1.11E-04
Mercury	1.78E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	2.00E-05	1.71E-06	5.70E-06
Nickel	8.83E-07	8.40E-01	9.10E-01	NA	1.43E-05	6.60E-11	5.66E-12	2.67E-10	2.20E-10	5.93E-05	5.08E-06	1.69E-05
Selenium	2.68E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	4.49E-09	3.85E-10	1.28E-09
Vanadium	2.95E-06	2.91E+01	NA	2.00E-06	NA	7.05E-09	6.04E-10	2.85E-08	2.35E-08	1.42E-03	1.21E-04	4.04E-04
Zinc	6.13E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.50E-03	NA	1.10E+00	1.43E-03	1.43E-03	4.07E-07	3.49E-08	1.65E-06	1.36E-06	3.02E-03	2.59E-04	8.63E-04
					TOTAL	**4.3E-07**	**3.7E-08**	**1.7E-06**	**1.4E-06**	**0.0061**	**0.00053**	**0.0018**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 7-1B
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	4.13E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	1.98E-07	1.70E-08	5.66E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	1.41E-06	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	2.37E-08	2.03E-09	6.76E-09
Bromine	5.17E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	6.66E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	1.12E-03	9.58E-05	3.19E-04
Silicon	2.18E-03	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	1.69E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	2.14E-07	1.51E+01	1.20E+01	8.57E-06	4.29E-06	2.11E-10	1.81E-11	8.55E-10	7.04E-10	4.79E-05	4.11E-06	1.37E-05
Cadmium	3.48E-07	6.30E+00	1.50E+01	NA	5.71E-06	4.29E-10	3.68E-11	1.74E-09	1.43E-09	5.84E-05	5.00E-06	1.67E-05
Copper	1.44E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	3.63E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	1.52E-08	1.30E-09	6.16E-08	5.07E-08	6.09E-06	5.22E-07	1.74E-06
Lead	6.25E-06	NA	4.20E-02	NA	NA	2.16E-11	1.85E-12	8.74E-11	7.20E-11	NC	NC	NC
Manganese	1.05E-05	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	3.90E-04	3.34E-05	1.11E-04
Mercury	1.78E-07	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	2.00E-05	1.71E-06	5.70E-06
Nickel	8.83E-07	8.40E-01	9.10E-01	NA	1.43E-05	6.60E-11	5.66E-12	2.67E-10	2.20E-10	5.93E-05	5.08E-06	1.69E-05
Selenium	2.68E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	4.49E-09	3.85E-10	1.28E-09
Vanadium	2.95E-06	2.91E+01	NA	2.00E-06	NA	7.05E-09	6.04E-10	2.85E-08	2.35E-08	1.42E-03	1.21E-04	4.04E-04
Zinc	6.13E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.50E-03	NA	1.10E+00	1.43E-03	1.43E-03	4.07E-07	3.49E-08	1.65E-06	1.36E-06	3.02E-03	2.59E-04	8.63E-04
					TOTAL	**4.3E-07**	**3.7E-08**	**1.7E-06**	**1.4E-06**	**0.0061**	**0.00053**	**0.0018**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 7-1C
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Unmitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	40 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-carcinogenic)	14600 (d)
Averaging Time (carcinogenic)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.74E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.27E-11	1.43E-07
Acrolein	3.21E-05	NA	NA	5.71E-06	1.00E-04	NC	3.21E-05
Benzene	6.28E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.58E-09	3.65E-06
1,3-Butadiene	1.31E-04	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.48E-09	2.29E-06
Ethylbenzene	3.11E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.54E-10	5.43E-08
Ethylene glycol	7.23E-06	NA	NA	1.14E-01	1.14E-01	NC	6.31E-09
Formaldehyde	4.05E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.84E-10	1.57E-05
Hexane, n-	5.46E-04	NA	NA	2.00E-01	2.00E+00	NC	2.72E-08
Isopropyl alcohol	1.75E-05	NA	NA	NA	2.00E+00	NC	8.74E-10
Methyl alcohol	1.07E-04	NA	NA	1.14E+00	1.14E+00	NC	9.29E-09
Methyl ethyl ketone	1.12E-05	NA	NA	1.43E+00	NA	NC	7.81E-10
Propylene oxide	7.45E-04	NA	1.30E-02	NA	8.57E-03	5.52E-10	8.67E-06
Styrene	3.00E-05	NA	NA	2.86E-01	2.57E-01	NC	1.16E-08
Toluene	1.92E-03	NA	NA	1.43E+00	8.57E-02	NC	2.24E-06
Xylene (total)	2.70E-03	NA	NA	2.86E-02	2.00E-01	NC	1.34E-06
Naphthalene	1.34E-05	1.19E-01	1.20E-01	8.57E-04	2.57E-03	9.16E-11	5.19E-07
Ammonium Ion	6.87E-05	NA	NA	2.86E-02	5.71E-02	NC	1.20E-07
Bromine	2.79E-05	NA	NA	NA	NA	NC	NC
Chlorine	3.62E-03	NA	NA	4.29E-05	5.71E-05	NC	6.31E-03
Silicon	1.06E-01	NA	NA	NA	NA	NC	NC
Sulfates	1.14E-02	NA	NA	NA	NA	NC	NC
Antimony	8.27E-06	NA	NA	NA	NA	NC	NC
Arsenic	1.04E-05	1.51E+01	1.20E+01	8.57E-06	4.29E-06	7.14E-09	2.43E-04
Cadmium	1.70E-05	6.30E+00	1.50E+01	NA	5.71E-06	1.45E-08	2.96E-04
Copper	7.27E-05	NA	NA	NA	NA	NC	NC
Chromium (VI)	1.81E-05	4.20E+01	5.10E+02	2.86E-05	5.71E-05	5.26E-07	3.16E-05
Lead	3.05E-04	NA	4.20E-02	NA	NA	7.30E-10	NC
Manganese	5.13E-04	NA	NA	1.43E-05	2.57E-05	NC	1.99E-03
Mercury	8.70E-06	NA	NA	8.57E-05	8.57E-06	NC	1.01E-04
Nickel	4.57E-05	8.40E-01	9.10E-01	NA	1.43E-05	2.37E-09	3.19E-04
Selenium	1.31E-06	NA	NA	NA	5.71E-03	NC	2.28E-08
Vanadium	1.44E-04	2.91E+01	NA	2.00E-06	NA	2.38E-07	7.18E-03
Zinc	3.02E-04	NA	NA	NA	NA	NC	NC
Diesel PM	2.07E-01	NA	1.10E+00	1.43E-03	1.43E-03	1.30E-05	1.44E-02
					TOTAL	**1.4E-05**	**0.031**

[1] Commercial Maximum Grid No. **29**
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 7-2A
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Cancer Risks[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

	Toxicity Criteria					Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	4.13E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	1.98E-07	1.70E-08	5.66E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	5.78E-07	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	9.70E-09	8.32E-10	2.77E-09
Bromine	3.33E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	4.43E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	7.43E-04	6.37E-05	2.12E-04
Silicon	8.93E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	6.95E-08	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	8.78E-08	1.51E+01	1.20E+01	8.57E-06	4.29E-06	8.66E-11	7.43E-12	3.51E-10	2.89E-10	1.97E-05	1.68E-06	5.62E-06
Cadmium	1.43E-07	6.30E+00	1.50E+01	NA	5.71E-06	1.76E-10	1.51E-11	7.12E-10	5.87E-10	2.40E-05	2.05E-06	6.84E-06
Copper	7.10E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	1.66E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	6.97E-09	5.97E-10	2.82E-08	2.32E-08	2.79E-06	2.39E-07	7.97E-07
Lead	2.57E-06	NA	4.20E-02	NA	NA	8.86E-12	7.59E-13	3.58E-11	2.95E-11	NC	NC	NC
Manganese	4.41E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	1.65E-04	1.41E-05	4.70E-05
Mercury	7.32E-08	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	8.19E-06	7.02E-07	2.34E-06
Nickel	4.83E-07	8.40E-01	9.10E-01	NA	1.43E-05	3.61E-11	3.10E-12	1.46E-10	1.20E-10	3.24E-05	2.78E-06	9.27E-06
Selenium	1.10E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	1.84E-09	1.58E-10	5.26E-10
Vanadium	1.21E-06	2.91E+01	NA	2.00E-06	NA	2.89E-09	2.48E-10	1.17E-08	9.64E-09	5.81E-04	4.98E-05	1.66E-04
Zinc	2.64E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.34E-03	NA	1.10E+00	1.43E-03	1.43E-03	3.92E-07	3.36E-08	1.59E-06	1.31E-06	2.91E-03	2.50E-04	8.32E-04
					TOTAL	**4.0E-07**	**3.5E-08**	**1.6E-06**	**1.3E-06**	**0.0045**	**0.00039**	**0.0013**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 7-2B
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Residential Hazards[1])

Exposure Parameters	Residential Child	School Child	Residential Adult
Inhalation rate	15 (m^3/day)	6 (m^3/day)	20 (m^3/day)
Exposure Duration	6 (years)	6 (years)	70 (years)
Exposure Frequency	350 (days/year)	200 (days/year)	350 (days/year)
Body Weight	15 (kg)	40 (kg)	70 (kg)
Averaging Time (non-carcinogenic)	2190 (d)	2190 (d)	25550 (d)
Averaging Time (carcinogenic)	25550 (d)	25550 (d)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)	1.00E-03 (mg/ug)

	Toxicity Criteria					Cancer Risks				Hazard Quotients		
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Child Resident	Cancer Risk to School Child	Cancer Risk to Adult+Child Resident	Cancer Risk to Adult Resident	Hazard Quotient Child Resident	Hazard Quotient School Child	Hazard Quotient Adult Resident
Acetaldehyde	9.43E-07	7.70E-03	1.00E-02	2.57E-03	4.00E-02	7.75E-13	6.64E-14	3.14E-12	2.58E-12	2.26E-08	1.94E-09	6.46E-09
Acrolein	5.28E-07	NA	NA	5.71E-06	1.00E-04	NC	NC	NC	NC	5.07E-06	4.34E-07	1.45E-06
Benzene	1.03E-05	7.70E-03	1.00E-01	8.57E-03	1.71E-02	8.48E-11	7.27E-12	3.43E-10	2.83E-10	5.77E-07	4.94E-08	1.65E-07
1,3-Butadiene	2.15E-06	1.05E-01	6.00E-01	5.71E-04	5.71E-03	1.06E-10	9.10E-12	4.30E-10	3.54E-10	3.61E-07	3.10E-08	1.03E-07
Ethylbenzene	4.79E-06	8.75E-03	8.70E-03	2.86E-01	5.71E-01	3.43E-12	2.94E-13	1.39E-11	1.14E-11	8.04E-09	6.89E-10	2.30E-09
Ethylene glycol	7.69E-08	NA	NA	1.14E-01	1.14E-01	NC	NC	NC	NC	6.45E-10	5.53E-11	1.84E-10
Formaldehyde	6.65E-06	4.55E-02	2.10E-02	2.80E-03	2.57E-03	1.15E-11	9.83E-13	4.64E-11	3.82E-11	2.48E-06	2.12E-07	7.08E-07
Hexane, n-	8.00E-06	NA	NA	2.00E-01	2.00E+00	NC	NC	NC	NC	3.83E-09	3.29E-10	1.10E-09
Isopropyl alcohol	1.86E-07	NA	NA	NA	2.00E+00	NC	NC	NC	NC	8.94E-11	7.66E-12	2.55E-11
Methyl alcohol	1.69E-06	NA	NA	1.14E+00	1.14E+00	NC	NC	NC	NC	1.42E-09	1.22E-10	4.06E-10
Methyl ethyl ketone	1.45E-07	NA	NA	1.43E+00	NA	NC	NC	NC	NC	9.75E-11	8.35E-12	2.78E-11
Propylene oxide	1.22E-05	NA	1.30E-02	NA	8.57E-03	1.31E-11	1.12E-12	5.29E-11	4.36E-11	1.37E-06	1.17E-07	3.91E-07
Styrene	4.93E-07	NA	NA	2.86E-01	2.57E-01	NC	NC	NC	NC	1.84E-09	1.58E-10	5.25E-10
Toluene	2.86E-05	NA	NA	1.43E+00	8.57E-02	NC	NC	NC	NC	3.19E-07	2.74E-08	9.13E-08
Xylene (total)	4.13E-05	NA	NA	2.86E-02	2.00E-01	NC	NC	NC	NC	1.98E-07	1.70E-08	5.66E-08
Naphthalene	1.88E-07	1.19E-01	1.20E-01	8.57E-04	2.57E-03	1.85E-12	1.59E-13	7.50E-12	6.17E-12	7.00E-08	6.00E-09	2.00E-08
Ammonium Ion	5.78E-07	NA	NA	2.86E-02	5.71E-02	NC	NC	NC	NC	9.70E-09	8.32E-10	2.77E-09
Bromine	3.33E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chlorine	4.43E-05	NA	NA	4.29E-05	5.71E-05	NC	NC	NC	NC	7.43E-04	6.37E-05	2.12E-04
Silicon	8.93E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Sulfates	1.85E-04	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Antimony	6.95E-08	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Arsenic	8.78E-08	1.51E+01	1.20E+01	8.57E-06	4.29E-06	8.66E-11	7.43E-12	3.51E-10	2.89E-10	1.97E-05	1.68E-06	5.62E-06
Cadmium	1.43E-07	6.30E+00	1.50E+01	NA	5.71E-06	1.76E-10	1.51E-11	7.12E-10	5.87E-10	2.40E-05	2.05E-06	6.84E-06
Copper	7.10E-07	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Chromium (VI)	1.66E-07	4.20E+01	5.10E+02	2.86E-05	5.71E-05	6.97E-09	5.97E-10	2.82E-08	2.32E-08	2.79E-06	2.39E-07	7.97E-07
Lead	2.57E-06	NA	4.20E-02	NA	NA	8.86E-12	7.59E-13	3.58E-11	2.95E-11	NC	NC	NC
Manganese	4.41E-06	NA	NA	1.43E-05	2.57E-05	NC	NC	NC	NC	1.65E-04	1.41E-05	4.70E-05
Mercury	7.32E-08	NA	NA	8.57E-05	8.57E-06	NC	NC	NC	NC	8.19E-06	7.02E-07	2.34E-06
Nickel	4.83E-07	8.40E-01	9.10E-01	NA	1.43E-05	3.61E-11	3.10E-12	1.46E-10	1.20E-10	3.24E-05	2.78E-06	9.27E-06
Selenium	1.10E-08	NA	NA	NA	5.71E-03	NC	NC	NC	NC	1.84E-09	1.58E-10	5.26E-10
Vanadium	1.21E-06	2.91E+01	NA	2.00E-06	NA	2.89E-09	2.48E-10	1.17E-08	9.64E-09	5.81E-04	4.98E-05	1.66E-04
Zinc	2.64E-06	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC	NC
Diesel PM	4.34E-03	NA	1.10E+00	1.43E-03	1.43E-03	3.92E-07	3.36E-08	1.59E-06	1.31E-06	2.91E-03	2.50E-04	8.32E-04
					TOTAL	**4.0E-07**	**3.5E-08**	**1.6E-06**	**1.3E-06**	**0.0045**	**0.00039**	**0.0013**

[1] Residential Maximum Grid No. 1
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009

Table 7-2C
Risk Calculation for LAX Central Utility Plant Construction Alternative, Horizon Year 2013, 2008 Baseline - Lifetime Exposure - Mitigated
(Based on Peak Location of Commercial Cancer Risks[1])

Exposure Parameters	Adult Worker
Inhalation rate	10 (m^3/day)
Exposure Duration	40 (years)
Exposure Frequency	245 (days/year)
Body Weight	70 (kg)
Averaging Time (non-carcinogenic)	14600 (d)
Averaging Time (carcinogenic)	25550 (d)
Conversion Factor	1.00E-03 (mg/ug)

		Toxicity Criteria				Cancer Risks	Hazard Quotients
TAC	Concentration at Location w/Maximum Risk (ug/m^3)	EPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	CalEPA Inhalation Slope Factor (mg/kg-d)$^{-1}$	EPA RfDi (mg/kg-d)	CalEPA Proposed REL (mg/kg-d)	Cancer Risk to Adult Worker	Hazard Quotient Adult Worker
Acetaldehyde	5.74E-05	7.70E-03	1.00E-02	2.57E-03	4.00E-02	3.27E-11	1.43E-07
Acrolein	3.21E-05	NA	NA	5.71E-06	1.00E-04	NC	3.21E-05
Benzene	6.28E-04	7.70E-03	1.00E-01	8.57E-03	1.71E-02	3.58E-09	3.65E-06
1,3-Butadiene	1.31E-04	1.05E-01	6.00E-01	5.71E-04	5.71E-03	4.48E-09	2.29E-06
Ethylbenzene	3.11E-04	8.75E-03	8.70E-03	2.86E-01	5.71E-01	1.54E-10	5.43E-08
Ethylene glycol	7.23E-06	NA	NA	1.14E-01	1.14E-01	NC	6.31E-09
Formaldehyde	4.05E-04	4.55E-02	2.10E-02	2.80E-03	2.57E-03	4.84E-10	1.57E-05
Hexane, n-	5.46E-04	NA	NA	2.00E-01	2.00E+00	NC	2.72E-08
Isopropyl alcohol	1.75E-05	NA	NA	NA	2.00E+00	NC	8.74E-10
Methyl alcohol	1.07E-04	NA	NA	1.14E+00	1.14E+00	NC	9.29E-09
Methyl ethyl ketone	1.12E-05	NA	NA	1.43E+00	NA	NC	7.81E-10
Propylene oxide	7.45E-04	NA	1.30E-02	NA	8.57E-03	5.52E-10	8.67E-06
Styrene	3.00E-05	NA	NA	2.86E-01	2.57E-01	NC	1.16E-08
Toluene	1.92E-03	NA	NA	1.43E+00	8.57E-02	NC	2.24E-06
Xylene (total)	2.70E-03	NA	NA	2.86E-02	2.00E-01	NC	1.34E-06
Naphthalene	1.34E-05	1.19E-01	1.20E-01	8.57E-04	2.57E-03	9.16E-11	5.19E-07
Ammonium Ion	2.84E-05	NA	NA	2.86E-02	5.71E-02	NC	4.96E-08
Bromine	1.89E-05	NA	NA	NA	NA	NC	NC
Chlorine	2.53E-03	NA	NA	4.29E-05	5.71E-05	NC	4.42E-03
Silicon	4.39E-02	NA	NA	NA	NA	NC	NC
Sulfates	1.14E-02	NA	NA	NA	NA	NC	NC
Antimony	3.42E-06	NA	NA	NA	NA	NC	NC
Arsenic	4.31E-06	1.51E+01	1.20E+01	8.57E-06	4.29E-06	2.95E-09	1.00E-04
Cadmium	7.01E-06	6.30E+00	1.50E+01	NA	5.71E-06	5.99E-09	1.22E-04
Copper	3.74E-05	NA	NA	NA	NA	NC	NC
Chromium (VI)	8.53E-06	4.20E+01	5.10E+02	2.86E-05	5.71E-05	2.48E-07	1.49E-05
Lead	1.26E-04	NA	4.20E-02	NA	NA	3.02E-10	NC
Manganese	2.19E-04	NA	NA	1.43E-05	2.57E-05	NC	8.51E-04
Mercury	3.60E-06	NA	NA	8.57E-05	8.57E-06	NC	4.18E-05
Nickel	2.63E-05	8.40E-01	9.10E-01	NA	1.43E-05	1.36E-09	1.84E-04
Selenium	5.39E-07	NA	NA	NA	5.71E-03	NC	9.41E-09
Vanadium	5.95E-05	2.91E+01	NA	2.00E-06	NA	9.85E-08	2.97E-03
Zinc	1.32E-04	NA	NA	NA	NA	NC	NC
Diesel PM	1.97E-01	NA	1.10E+00	1.43E-03	1.43E-03	1.23E-05	1.37E-02
					TOTAL	**1.3E-05**	**0.023**

[1] Commercial Maximum Grid No. **29**
NA = Not Available **ug/m^3 = micrograms per cubic meter**
NC = Not Calculated **mg/kg-d = milligrams per kilogram day**

Source: Camp Dresser & McKee Inc., 2009